

AVALUACIÓ HEURÍSTICA

Índex

1. Visibility of System Status	2
2. Match Between System and the Real World	5
3. User Control and Freedom.....	7
4. Consistency and Standards	9
5. Help Users Recognize, Diagnose, and Recover From Errors	12
6. Error Prevention	14
7. Recognition Rather Than Recall.....	15
8. Flexibility and Minimalist Design	18
9. Aesthetic and Minimalist Design.....	20
10. Help and Documentation	21
11. Skills	23
12. Pleasurable and Respectful Interaction with the User	25
13. Privacy.....	27



Heuristic Evaluation - A System Checklist

1. Visibility of System Status

The system should always keep user informed about what is going on, through appropriate feedback within reasonable time.

#	Review Checklist	Yes	No	N/A	Comments
1.1	Does every display begin with a title or header that describes screen contents?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Afegir a cada pantalla un títol informatiu.
1.2	Is there a consistent icon design scheme and stylistic treatment across the system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S'utilitzen icones d'estils similars en tot a l'aplicació
1.3	Is a single, selected icon clearly visible when surrounded by unselected icons?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
1.4	Do menu instructions, prompts, and error messages appear in the same place(s) on each menu?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S'intenta que apareixen en posicions similars, però també depèn de la quantitat de contingut que s'hagi de mostrar.
1.5	In multipage data entry screens, is each page labeled to show its relation to others?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas, ja que les pantalles d'entrada de dades, són d'una sola pàgina.
1.6	If overwrite and insert mode are both available, is there a visible indication of which one the user is in?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
1.7	If pop-up windows are used to display error messages, do they allow the user to see the field in error?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	S'informa d'on està l'error, però no es veu perquè el fons queda en segon pla, quedant actiu només el pop-up.
1.8	Is there some form of system feedback for every operator action?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quan s'acaba de realitzar qualsevol tasca surt un missatge informant a l'usuari.
1.9	After the user completes an action (or group of actions), does the feedback indicate that the next group of actions can be started?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	El sistema no pren la iniciativa, l'usuari és qui decideix el que s'ha de fer.
1.10	Is there visual feedback in menus or dialog boxes about which choices are selectable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quan apareix un quadre de diàleg, aquest queda en primer pla
1.11	Is there visual feedback in menus or dialog boxes about which choice the cursor is on now?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.

#	Review Checklist	Yes	No	N/A	Comments
1.12	If multiple options can be selected in a menu or dialog box, is there visual feedback about which options are already selected?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Les opcions marcades, es poden diferenciar visualment.
1.13	Is there visual feedback when objects are selected or moved?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depenen del tipus d'objecte, botons i menús desplegable ofereixen informació sobre el seu estat a l'usuari.
1.14	Is the current status of an icon clearly indicated?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
1.15	Is there feedback when function keys are pressed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
1.16	If there are observable delays (greater than fifteen seconds) in the system's response time, is the user kept informed of the system's progress?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Això només passaria si l'aplicació no tingués connectivitat a Internet. En aquest cas es mostraria un missatge d'error avisant a l'usuari.
1.17	Are response times appropriate to the task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, sempre que el dispositiu compleixi el requeriments mínims i la connexió a Internet vaig bé.
1.18	Typing, cursor motion, mouse selection: 50-1 50 milliseconds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, sempre que el dispositiu compleixi el requeriments mínims i la connexió a Internet vaig bé.
1.19	Simple, frequent tasks: less than 1 second	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, sempre que el dispositiu compleixi el requeriments mínims i la connexió a Internet vaig bé.
1.20	Common tasks: 2-4 seconds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, sempre que el dispositiu compleixi el requeriments mínims i la connexió a Internet vaig bé.
1.21	Complex tasks: 8-12 seconds	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica al nostre cas.
1.22	Are response times appropriate to the user's cognitive processing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els temps de resposta són gairebé instantanis.
1.23	Continuity of thinking is required and information must be remembered throughout several responses: less than two seconds.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Els usuaris no han de recordar cap tipus d'informació.
1.24	High levels of concentration aren't necessary and remembering information is not required: two to fifteen seconds.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	El usuari no ha de recordar informació ni estar concentrat per utilitzar l'aplicació, ja que se programa tenint la simplicitat com a objectiu.

#	Review Checklist	Yes	No	N/A	Comments
1.25	Is the menu-naming terminology consistent with the user's task domain?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els menús tenen el mateix nom que l'acció que fan.
1.26	Does the system provide <i>visibility</i> : that is, by looking, can the user tell the state of the system and the alternatives for action?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Afegir algun indicador si hi ha alguna tasca que està portant més temps del necessari a completar-se.
1.27	Do GUI menus make obvious which item has been selected?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas, ja que les opcions del menú no es poden seleccionar. O es cliquen o no es cliquen.
1.28	Do GUI menus make obvious whether deselection is possible?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas, ja que les opcions del menú no es poden seleccionar. O es cliquen o no es cliquen.
1.29	If users must navigate between multiple screens, does the system use context labels, menu maps, and place markers as navigational aids?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas, ja que la major part del temps l'aplicació només serà una finestra.

2. Match Between System and the Real World

The system should speak the user's language, with words, phrases and concepts familiar to the user, rather than system-oriented terms. Follow real-world conventions, making information appear in a natural and logical order.

#	Review Checklist	Yes	No	N/A	Comments
2.1	Are icons concrete and familiar?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, s'utilitzen icones familiars, que són de fàcil reconeixement pels usuaris.
2.2	Are menu choices ordered in the most logical way, given the user, the item names, and the task variables?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ordenar les opcions dels menús per ordre alfabètic i per ordre lògic.
2.3	If there is a natural sequence to menu choices, has it been used?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	En alguns si en altres no, corregir els que no estan ordenats correctament.
2.4	Do related and interdependent fields appear on the same screen?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, apareixen la visualitzacions de demanar hora.
2.5	If shape is used as a visual cue, does it match cultural conventions?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
2.6	Do the selected colors correspond to common expectations about color codes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, els colors que s'utilitzen es corresponen amb el que esperen els usuaris.
2.7	When prompts imply a necessary action, are the words in the message consistent with that action?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, el missatge i l'acció a dur a terme es corresponen.
2.8	Do keystroke references in prompts match actual key names?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
2.9	On data entry screens, are tasks described in terminology familiar to users?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, tota la informació està escrita de manera clara i senzilla.
2.10	Are field-level prompts provided for data entry screens?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, s'ofereixi ajuda durant la introducció de text en els camps de formulari.
2.11	For question and answer interfaces, are questions stated in clear, simple language?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	El llenguatge que es fa servir en l'aplicació és clar i senzill.
2.12	Do menu choices fit logically into categories that have readily understood meanings?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, les categories estan distribuïdes de forma lògica.
2.13	Are menu titles parallel grammatically?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, totes els menús utilitzen la mateixa construcció gramatical.
2.14	Does the command language employ user jargon and avoid computer jargon?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
2.15	Are command names specific rather than general?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
2.16	Does the command language allow both full names and abbreviations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.

#	Review Checklist	Yes	No	N/A	Comments
2.17	Are input data codes meaningful?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
2.18	Have uncommon letter sequences been avoided whenever possible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, no s'utilitzen seqüències de lletres poc comuns.
2.19	Does the system automatically enter leading or trailing spaces to align decimal points?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
2.20	Does the system automatically enter a dollar sign and decimal for monetary entries?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
2.21	Does the system automatically enter commas in numeric values greater than 9999?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
2.22	Do GUI menus offer activation: that is, make obvious how to say "now do it"?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	L'aplicació en cap moment pren la iniciativa, l'usuari és qui diu que s'ha de fer.
2.23	Has the system been designed so that keys with similar names do not perform opposite (and potentially dangerous) actions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, el botons, amb noms similars, realitzen tasques semblants.
2.24	Are function keys labeled clearly and distinctively, even if this means breaking consistency rules?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.

3. User Control and Freedom

Users should be free to select and sequence tasks (when appropriate), rather than having the system do this for them. Users often choose system functions by mistake and will need a clearly marked “emergency exit” to leave the unwanted state without having to go through an extended dialogue. Users should make their own decisions (with clear information) regarding the costs of exiting current work. The system should support undo and redo.

#	Review Checklist	Yes	No	N/A	Comments
3.1	If setting up windows is a low-frequency task, is it particularly easy to remember?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
3.2	In systems that use overlapping windows, is it easy for users to rearrange windows on the screen?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
3.3	In systems that use overlapping windows, is it easy for users to switch between windows?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
3.4	When a user's task is complete, does the system wait for a signal from the user before processing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fins que l'usuari no envii l'ordre de realitzar l'acció, l'aplicació no farà re.
3.5	Can users type-ahead in a system with many nested menus?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
3.6	Are users prompted to confirm commands that have drastic, destructive consequences?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, totes les accions que facin modificacions han de ser confirmades pels usuaris.
3.7	Is there an "undo" function at the level of a single action, a data entry, and a complete group of actions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, els usuaris poden desfer qualsevol acció que hagin realitzat.
3.8	Can users cancel out of operations in progress?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els usuaris poden anular la tasca que estan fent en qualsevol moment
3.9	Are character edits allowed in commands?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
3.10	Can users reduce data entry time by copying and modifying existing data?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
3.11	Are character edits allowed in data entry fields?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, els usuaris poden modificar el que estan escrivint.
3.12	If menu lists are long (more than seven items), can users select an item either by moving the cursor or by typing a mnemonic code?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No, només el poden seleccionar.
3.13	If the system uses a pointing device, do users have the option of either clicking on menu items or using a keyboard shortcut?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas, ja que no disposem de ratolí.
3.14	Are menus broad (many items on a menu) rather than deep (many menu levels)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, cada menú ofereixen diverses sub-opcions.
3.15	If the system has multiple menu levels, is there a mechanism that allows users to go back to previous menus?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els usuaris, sempre poden tornar enrere o al menú inicial.

#	Review Checklist	Yes	No	N/A	Comments
3.16	If users can go back to a previous menu, can they change their earlier menu choice?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, poden estriar la opció que vulguin.
3.17	Can users move forward and backward between fields or dialog box options?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, només han de clicar a la que volen anar.
3.18	If the system has multipage data entry screens, can users move backward and forward among all the pages in the set?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostra cas, ja que les pàgines d'entrada de dades són individuals.
3.19	If the system uses a question and answer interface, can users go back to previous questions or skip forward to later questions?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
3.20	Do function keys that can cause serious consequences have an undo feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
3.21	Can users easily reverse their actions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Generalment si, però tot depèn de l'acció.
3.22	If the system allows users to reverse their actions, is there a retracing mechanism to allow for multiple undos?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No, les accions només es poden desfer de manera individual.
3.23	Can users set their own system, session, file, and screen defaults?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	És una aplicació estàtica, és a dir, els usuaris no la poden modificar més enllà de les opcions disponibles a la pròpia aplicació.

4. Consistency and Standards

Users should not have to wonder whether different words, situations, or actions mean the same thing. Follow platform conventions.

#	Review Checklist	Yes	No	N/A	Comments
4.1	Have industry or company formatting standards been followed consistently in all screens within a system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Es segueix la identitat corporativa del ICS.
4.2	Has a heavy use of all uppercase letters on a screen been avoided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No hi ha paraules escrites en majúscules en la seva totalitat.
4.3	Do abbreviations not include punctuation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Les abreviacions acaben en punt.
4.4	Are integers right-justified and real numbers decimal-aligned?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
4.5	Are icons labeled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
4.6	Are there no more than twelve to twenty icon types?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
4.7	Are there salient visual cues to identify the active window?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, el colors utilitzats.
4.8	Does each window have a title?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Afegir a cada pantalla un títol informatiu.
4.9	Are vertical and horizontal scrolling possible in each window?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ja que tot el contingut està visible en la vista per defecte.
4.10	Does the menu structure match the task structure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, s'ha seguit el model mental de l'usuari.
4.11	Have industry or company standards been established for menu design, and are they applied consistently on all menu screens in the system?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
4.12	Are menu choice lists presented vertically?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
4.13	If "exit" is a menu choice, does it always appear at the bottom of the list?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No existeix aquesta opció.
4.14	Are menu titles either centered or left-justified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, el disseny busca la simetria espacial.
4.15	Are menu items left-justified, with the item number or mnemonic preceding the name?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
4.16	Do embedded field-level prompts appear to the right of the field label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, només s'ha de clicar la icona del interrogant.
4.17	Do on-line instructions appear in a consistent location across screens?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, sempre apareixen en la mateixa posició
4.18	Are field labels and fields distinguished typographically?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, canvia l'estil tipogràfic.
4.19	Are field labels consistent from one data entry screen to another?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, s'utilitza el mateix estil tipogràfic per tots ells.

#	Review Checklist	Yes	No	N/A	Comments
4.20	Are fields and labels left-justified for alpha lists and right-justified for numeric lists?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
4.21	Do field labels appear to the left of single fields and above list fields?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Depenen del dispositiu, ja que ens hem d'adaptar al espai de pantalla que disposem.
4.22	Are attention-getting techniques used with care?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si
4.23	Intensity: two levels only	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, 2 tipus.
4.24	Size: up to four sizes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si
4.25	Font: up to three	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, només s'utilitza una font.
4.26	Blink: two to four hertz	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostra cas.
4.27	Color: up to four (additional colors for occasional use only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, 2 colors.
4.28	Sound: soft tones for regular positive feedback, harsh for rare critical conditions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, 1 so curt.
4.29	Are attention-getting techniques used only for exceptional conditions or for time-dependent information?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, només per obtenir la informació de l'usuari en situacions importants.
4.30	Are there no more than four to seven colors, and are they far apart along the visible spectrum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	S'utilitzen poc colors, però s'utilitzen diferents tonalitats del mateix.
4.31	Is a legend provided if color codes are numerous or not obvious in meaning?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostra cas, ja que no s'utilitzen codis de colors.
4.32	Have pairings of high-chroma, spectrally extreme colors been avoided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, s'utilitzen colors de tonalitats similars.
4.33	Are saturated blues avoided for text or other small, thin line symbols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, ja que volem que l'aplicació sigui usable.
4.34	Is the most important information placed at the beginning of the prompt?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, tot el missatge que mostren és important.
4.35	Are user actions named consistently across all prompts in the system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, és fa servir una estructura similar.
4.36	Are system objects named consistently across all prompts in the system?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
4.37	Do field-level prompts provide more information than a restatement of the field name?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, amplien la informació oferta pel nom del camp.
4.38	For question and answer interfaces, are the valid inputs for a question listed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
4.39	Are menu choice names consistent, both within each menu and across the system, in grammatical style and terminology?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
4.40	Does the structure of menu choice names match their corresponding menu titles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.

#	Review Checklist	Yes	No	N/A	Comments
4.41	Are commands used the same way, and do they mean the same thing, in all parts of the system?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostra cas.
4.42	Does the command language have a consistent, natural, and mnemonic syntax?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostra cas.
4.43	Do abbreviations follow a simple primary rule and, if necessary, a simple secondary rule for abbreviations that otherwise would be duplicates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, la de ser abreviades correctament.
4.44	Is the secondary rule used only when necessary?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
4.45	Are abbreviated words all the same length?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No, cada paraula s'abrevia de la manera gramaticalment correcta.
4.46	Is the structure of a data entry value consistent from screen to screen?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, es manté el format dels formularis.
4.47	Is the method for moving the cursor to the next or previous field consistent throughout the system?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
4.48	If the system has multipage data entry screens, do all pages have the same title?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
4.49	If the system has multipage data entry screens, does each page have a sequential page number?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
4.50	Does the system follow industry or company standards for function key assignments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No s'aplica en el nostre cas.
4.51	Are high-value, high-chroma colors used to attract attention?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No, es fa servir colors agradables i fàcils de veure.

5. Help Users Recognize, Diagnose, and Recover From Errors

Error messages should be expressed in plain language(NO CODES).

#	Review Checklist	Yes	No	N/A	Comments
5.1	Is sound used to signal an error?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quan l'usuari ha de prendre alguna decisió sobre un quadre de diàleg i és avisat amb un avís sonor.
5.2	Are prompts stated constructively, without overt or implied criticism of the user?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, són adequades i no critiquen a l'usuari.
5.3	Do prompts imply that the user is in control?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
5.4	Are prompts brief and unambiguous.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, el seu missatge és clar i concís.
5.5	Are error messages worded so that the system, not the user, takes the blame?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
5.6	If humorous error messages are used, are they appropriate and inoffensive to the user population?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas, ja que no hi ha missatges d'error còmics.
5.7	Are error messages grammatically correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
5.8	Do error messages avoid the use of exclamation points?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, els missatges són adequats.
5.9	Do error messages avoid the use of violent or hostile words?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, els missatges són respectuosos amb els usuaris.
5.10	Do error messages avoid an anthropomorphic tone?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, no és fa ús d'aquesta característica.
5.11	Do all error messages in the system use consistent grammatical style, form, terminology, and abbreviations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, tots els missatges d'error segueixen la mateixa estructura.
5.12	Do messages place users in control of the system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, els usuaris poden estriar el que volen realitzar.
5.13	Does the command language use normal action-object syntax?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
5.14	Does the command language avoid arbitrary, non-English use of punctuation, except for symbols that users already know?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
5.15	If an error is detected in a data entry field, does the system place the cursor in that field or highlight the error?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, l'aplicació avisa de l'error que s'acaba de cometre a l'introduir dades a l'usuari.
5.16	Do error messages inform the user of the error's severity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	El missatges d'error, són generals, busquen informar a l'usuari en lloc d'alarmar-lo.
5.17	Do error messages suggest the cause of the problem?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.

#	Review Checklist	Yes	No	N/A	Comments
5.18	Do error messages provide appropriate semantic information?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
5.19	Do error messages provide appropriate syntactic information?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
5.20	Do error messages indicate what action the user needs to take to correct the error?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, els usuaris llegint el missatge d'error poden veure com solucionar el problema.
5.21	If the system supports both novice and expert users, are multiple levels of error-message detail available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Els missatges d'error són iguals per tots els usuaris. Són missatges clar i senzills que expliquen com solucionar el problema a l'usuari.

6. Error Prevention

Even better than good error messages is a careful design which prevents a problem from occurring in the first place.

#	Review Checklist	Yes	No	N/A	Comments
6.1	If the database includes groups of data, can users enter more than one group on a single screen?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, l'aplicació permet entrar diferents tipus de dades a la vegada.
6.2	Have dots or underscores been used to indicate field length?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Afegir algun indicador de la longitud del camp.
6.3	Is the menu choice name on a higher-level menu used as the menu title of the lower-level menu?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Els títols de primer nivell, són únics i no s'utilitzen en nivells inferiors.
6.4	Are menu choices logical, distinctive, and mutually exclusive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, les opcions disponibles són ben diferenciades.
6.5	Are data inputs case-blind whenever possible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, a més que l'aplicació automàticament després de la primera lletra escriu en minúscules.
6.6	If the system displays multiple windows, is navigation between windows simple and visible?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas, ja que no hi ha varies finestres obertes al mateix temps.
6.7	Are the function keys that can cause the most serious consequences in hard-to-reach positions?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
6.8	Are the function keys that can cause the most serious consequences located far away from low-consequence and high-use keys?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
6.9	Has the use of qualifier keys been minimized?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
6.10	If the system uses qualifier keys, are they used consistently throughout the system?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
6.11	Does the system prevent users from making errors whenever possible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S'informa a l'usuari del que ha de fer per corregir-lo.
6.12	Does the system warn users if they are about to make a potentially serious error?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	El sistema no permet realitzar errors greus, i si es produeix un error
6.13	Does the system intelligently interpret variations in user commands?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
6.14	Do data entry screens and dialog boxes indicate the number of character spaces available in a field?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Afegir algun indicador de la longitud del camp.
6.15	Do fields in data entry screens and dialog boxes contain default values when appropriate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No, ja que no hi ha una resposta estàndard.

7. Recognition Rather Than Recall

Make objects, actions, and options visible. The user should not have to remember information from one part of the dialogue to another. Instructions for use of the system should be visible or easily retrievable whenever appropriate.

#	Review Checklist	Yes	No	N/A	Comments
7.1	For question and answer interfaces, are visual cues and white space used to distinguish questions, prompts, instructions, and user input?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, cada tipus de contingut i de text tenen estils diferents, per facilitar la usabilitat i l'experiència d'ús.
7.2	Does the data display start in the upper-left corner of the screen?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	La informació visible per la pantalla comença des de la cantonada superior esquerra.
7.3	Are multiword field labels placed horizontally (not stacked vertically)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
7.4	Are all data a user needs on display at each step in a transaction sequence?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, tota la informació que necessita l'usuari la té disponible en pantalla.
7.5	Are prompts, cues, and messages placed where the eye is likely to be looking on the screen?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, el contingut està situat on l'usuari espera trobar-lo.
7.6	Have prompts been formatted using white space, justification, and visual cues for easy scanning?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
7.7	Do text areas have "breathing space" around them?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
7.8	Is there an obvious visual distinction made between "choose one" menu and "choose many" menus?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, utilitzen diferents tipus de selectors, segons siguin d'un tipus o d'un altre.
7.9	Have spatial relationships between soft function keys (on-screen cues) and keyboard function keys been preserved?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
7.10	Does the system gray out or delete labels of currently inactive soft function keys?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
7.11	Is white space used to create symmetry and lead the eye in the appropriate direction?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, s'ha buscat la distribució espai que faciliti la lectura.
7.12	Have items been grouped into logical zones, and have headings been used to distinguish between zones?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, la informació està distribuïda en grups.
7.13	Are zones no more than twelve to fourteen characters wide and six to seven lines high?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
7.14	Have zones been separated by spaces, lines, color, letters, bold titles, rules lines, or shaded areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, el contingut diferent es diferencia per colors i tipografies.
7.15	Are field labels close to fields, but separated by at least one space?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, la informació de cada camp està a prop.

#	Review Checklist	Yes	No	N/A	Comments
7.16	Are long columnar fields broken up into groups of five, separated by a blank line?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
7.17	Are optional data entry fields clearly marked?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas, tots els camps són obligatoris.
7.18	Are symbols used to break long input strings into "chunks"?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas, no hi ha entrades de caràcters llargues.
7.19	Is reverse video or color highlighting used to get the user's attention?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
7.20	Is reverse video used to indicate that an item has been selected?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
7.21	Are size, boldface, underlining, color, shading, or typography used to show relative quantity or importance of different screen items?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, la tipografia s'utilitza per emfatitzar el contingut.
7.22	Are borders used to identify meaningful groups?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
7.23	Has the same color been used to group related elements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, els bloc d'informació similar utilitzen el mateix color.
7.24	Is color coding consistent throughout the system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, s'utilitza la mateix gama de colors en tota l'aplicació.
7.25	Is color used in conjunction with some other redundant cue?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, la tipografia .
7.26	Is there good color and brightness contrast between image and background colors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, s'ha tingut molta cura, que sigui fàcil de llegir en tot moment.
7.27	Have light, bright, saturated colors been used to emphasize data and have darker, duller, and desaturated colors been used to de-emphasize data?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
7.28	Is the first word of each menu choice the most important?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, les opcions del menú s'han ordenat seguint l'ordre mental dels usuaris.
7.29	Does the system provide <i>mapping</i> : that is, are the relationships between controls and actions apparent to the user?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
7.30	Are input data codes distinctive?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
7.31	Have frequently confused data pairs been eliminated whenever possible?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
7.32	Have large strings of numbers or letters been broken into chunks?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
7.33	Are inactive menu items grayed out or omitted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
7.34	Are there menu selection defaults?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.

#	Review Checklist	Yes	No	N/A	Comments
7.35	If the system has many menu levels or complex menu levels, do users have access to an on-line spatial menu map?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
7.36	Do GUI menus offer affordance: that is, make obvious where selection is possible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, la interfície facilita a l'usuari el que ha saber de fer.
7.37	Are there salient visual cues to identify the active window?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quan apareix un quadre de diàleg la finestra en pla, queda emblanquinada.
7.38	Are function keys arranged in logical groups?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas,
7.39	Do data entry screens and dialog boxes indicate when fields are optional?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No, hi ha camps opcionals, ja que es busca la simplicitat.
7.40	On data entry screens and dialog boxes, are dependent fields displayed only when necessary?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas, ja que tenim aquest tipus de camp.

8. Flexibility and Minimalist Design

Accelerators-unseen by the novice user-may often speed up the interaction for the expert user such that the system can cater to both inexperienced and experienced users. Allow users to tailor frequent actions. Provide alternative means of access and operation for users who differ from the “average” user (e.g., physical or cognitive ability, culture, language, etc.)

#	Review Checklist	Yes	No	N/A	Comments
8.1	If the system supports both novice and expert users, are multiple levels of error message detail available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Els missatges d'errors són clars i senzills, ajudant a corregir l'error. Són iguals per a tothom.
8.2	Does the system allow novices to use a keyword grammar and experts to use a positional grammar?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
8.3	Can users define their own synonyms for commands?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
8.4	Does the system allow novice users to enter the simplest, most common form of each command, and allow expert users to add parameters?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
8.5	Do expert users have the option of entering multiple commands in a single string?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
8.6	Does the system provide function keys for high-frequency commands?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
8.7	For data entry screens with many fields or in which source documents may be incomplete, can users save a partially filled screen?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tots els camps són obligatoris i fins que no estiguin tots emplenats no es poden guardar els canvis.
8.8	Does the system automatically enter leading zeros?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
8.9	If menu lists are short (seven items or fewer), can users select an item by moving the cursor?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
8.10	If the system uses a type-ahead strategy, do the menu items have mnemonic codes?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
8.11	If the system uses a pointing device, do users have the option of either clicking on fields or using a keyboard shortcut?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els usuaris poden clicar en els camps.
8.12	Does the system offer "find next" and "find previous" shortcuts for database searches?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hi ha botons disponibles per veure més resultats de cerca, que no es visualitzen per pantalla.
8.13	On data entry screens, do users have the option of either clicking directly on a field or using a keyboard shortcut?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els usuaris poden clicar el camp que volen emplenar.
8.14	On menus, do users have the option of either clicking directly on a menu item or using a keyboard shortcut?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els usuaris poden clicar a l'opció del menú que volen accedir.

#	Review Checklist	Yes	No	N/A	Comments
8.15	In dialog boxes, do users have the option of either clicking directly on a dialog box option or using a keyboard shortcut?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quan apareix un quadre de diàleg els usuaris poden clicar l'opció que volen seleccionar.
8.16	Can expert users bypass nested dialog boxes with either type-ahead, user-defined macros, or keyboard shortcuts?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.

9. Aesthetic and Minimalist Design

Dialogues should not contain information which is irrelevant or rarely needed. Every extra unit of information in a dialogue competes with the relevant units of information and diminishes their relative visibility.

#	Review Checklist	Yes	No	N/A	Comments
9.1	Is only (and all) information essential to decision making displayed on the screen?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Per pantalla no es mostra informació redundant. Tot el que es visualitza és necessari.
9.2	Are all icons in a set visually and conceptually distinct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els icones són diferents, no hi ha icones similars, que pugin donar lloc a confusions.
9.3	Have large objects, bold lines, and simple areas been used to distinguish icons?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, en aquells icones que s'utilitzen com a botons i per tant estan en una zona clicable que els fa destacar.
9.4	Does each icon stand out from its background?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els icones es diferencien del color de fons.
9.5	If the system uses a standard GUI interface where menu sequence has already been specified, do menus adhere to the specification whenever possible?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
9.6	Are meaningful groups of items separated by white space?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Els grups d'informació similars es troben separats, per un espai, però no de color blanc.
9.7	Does each data entry screen have a short, simple, clear, distinctive title?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Afegir un títol descriptiu.
9.8	Are field labels brief, familiar, and descriptive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si
9.9	Are prompts expressed in the affirmative, and do they use the active voice?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si.
9.10	Is each lower-level menu choice associated with only one higher level menu?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, cada opció d'un submenú només té un menú principal.
9.11	Are menu titles brief, yet long enough to communicate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els menús són curts, clars i informadors.
9.12	Are there pop-up or pull-down menus within data entry fields that have many, but well-defined, entry options?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hi ha pocs menús desplegable amb bastantes opcions, però aquestes són clares.

10. Help and Documentation

Even though it is better if the system can be used without documentation, it may be necessary to provide help and documentation. Any such information should be easy to search, focused on the user's task, list concrete steps to be carried out, and not be too large.

#	Review Checklist	Yes	No	N/A	Comments
10.1	If users are working from hard copy, are the parts of the hard copy that go on-line marked?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
10.2	Are on-line instructions visually distinct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	La informació sobre el que ha de realitzar l'usuari fa servir un estil diferent per facilitar la visualització.
10.3	Do the instructions follow the sequence of user actions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, les instruccions segueixen l'ordre en que l'usuari ha de realitzar les accions.
10.4	If menu choices are ambiguous, does the system provide additional explanatory information when an item is selected?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	L'usuari pot visualitzar informació sobre les opcions del menú accedint a l'ajuda.
10.5	Are data entry screens and dialog boxes supported by navigation and completion instructions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hi ha informació sobre l'acció que ha de realitzar l'usuari.
10.6	If menu items are ambiguous, does the system provide additional explanatory information when an item is selected?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	L'usuari pot visualitzar informació sobre les opcions del menú accedint a l'ajuda.
10.7	Are there memory aids for commands, either through on-line quick reference or prompting?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas, ja que no s'utilitzen comandes.
10.8	Is the help function visible; for example, a key labeled HELP or a special menu?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, hi ha un icona que permet accedir a l'ajuda.
10.9	Is the help system interface (navigation, presentation, and conversation) consistent with the navigation, presentation, and conversation interfaces of the application it supports?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, s'utilitza un estil similar.
10.10	Navigation: Is information easy to find?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hi ha un cercador que permet cercar el que vol l'usuari.
10.11	Presentation: Is the visual layout well designed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	La informació està estructurada en continguts diferenciats que faciliten la lectura.

#	Review Checklist	Yes	No	N/A	Comments
10.12	Conversation: Is the information accurate, complete, and understandable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, està tota l'aplicació documentada i fa servir un llenguatge senzill i col·loquial.
10.13	Is the information relevant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L'ajuda mostra informació sobre tot allò que l'usuari pot necessitar.
10.14	Goal-oriented (What can I do with this program?)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Explica les possibles tasques que es poden realitzar amb el programa.
10.15	Descriptive (What is this thing for?)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L'ajuda explica que fa cada cosa de l'aplicació
10.16	Procedural (How do I do this task?)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L'ajuda té informació amb els passos a seguir per portar a terme les diferents tasques possibles.
10.17	Interpretive (Why did that happen?)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hi ha una llista dels possibles errors, i que fer per solucionar-los.
10.18	Navigational (Where am I?)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L'ajuda ofereix informació sobre l'arquitectura del lloc.
10.19	Is there context-sensitive help?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Es pot obtenir informació sobre coses concretes.
10.20	Can the user change the level of detail available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	La informació que es mostra per pantalla és fixa, no es pot modificar.
10.21	Can users easily switch between help and their work?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els usuaris poden accedir en qualsevol moment a l'ajuda.
10.22	Is it easy to access and return from the help system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, els usuaris poden alternar de manera senzilla.
10.23	Can users resume work where they left off after accessing help?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, l'aplicació manté la informació.

11. Skills

The system should support, extend, supplement, or enhance the user's skills, background knowledge, and expertise ----not replace them.

#	Review Checklist	Yes	No	N/A	Comments
11.1	Can users choose between iconic and text display of information?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
11.2	Are window operations easy to learn and use?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
11.3	If users are experts, usage is frequent, or the system has a slow response time, are there fewer screens (more information per screen)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	La informació que es mostra per pantalla és igual per tots els usuaris.
11.4	If users are novices, usage is infrequent, or the system has a fast response time, are there more screens (less information per screen)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	La informació que es mostra per pantalla és igual per tots els usuaris.
11.5	Does the system automatically color-code items, with little or no user effort?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
11.6	If the system supports both novice and expert users, are multiple levels of detail available.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	La informació disponibles és la mateix per tots els usuaris.
11.7	Are users the initiators of actions rather than the responders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els usuaris són els encarregats de decidir quina tasca volen realitzar amb l'ajuda de l'aplicació
11.8	Does the system perform data translations for users?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
11.9	Do field values avoid mixing alpha and numeric characters whenever possible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, cada camp només permet l'entrada d'un sol tipus de caràcters.
11.10	If the system has deep (multilevel) menus, do users have the option of typing ahead?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
11.12	When the user enters a screen or dialog box, is the cursor already positioned in the field users are most likely to need?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas, ja que no tenim cursor visible.
11.13	Can users move forward and backward within a field?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, només han de clicar a la posició on volen anar.
11.14	Is the method for moving the cursor to the next or previous field both simple and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, només han de clicar el camp al que volen anar.
11.15	Has auto-tabbing been avoided except when fields have fixed lengths or users are experienced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No, hi ha auto desplaçament entres camps d'entrada de text.

#	Review Checklist	Yes	No	N/A	Comments
11.16	Do the selected input device(s) match user capabilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els mètodes d'entrada depenen del dispositiu que s'està utilitzant i per tant l'usuari selecciona el dispositiu que s'adapta a les seves habilitats.
11.17	Are cursor keys arranged in either an inverted T (best for experts) or a cross configuration (best for novices)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
11.18	Are important keys (for example, <u>ENTER</u> , <u>TAB</u>) larger than other keys?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Els botons més importants, són més grans que els altres que es veuen per pantalla.
11.19	Are there enough function keys to support functionality, but not so many that scanning and finding are difficult?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
11.20	Are function keys reserved for generic, high-frequency, important functions?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
11.21	Are function key assignments consistent across screens, subsystems, and related products?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
11.22	Does the system correctly anticipate and prompt for the user's probable next activity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	El sistema fa el que l'usuari demana, però en cap cas li suggereix noves tasques.

12. Pleasurable and Respectful Interaction with the User

The user's interactions with the system should enhance the quality of her or his work-life. The user should be treated with respect. The design should be aesthetically pleasing- with artistic as well as functional value.

#	Review Checklist	Yes	No	N/A	Comments
12.1	Is each individual icon a harmonious member of a family of icons?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, tots els icones mantenen un estil similar , oferint una visualització homogènia.
12.2	Has excessive detail in icon design been avoided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A l'aplicació s'utilitzen icones senzills, però descriptius.
12.3	Has color been used with discretion?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, l'aplicació no utilitza gaires colors.
12.4	Has the amount of required window housekeeping been kept to a minimum?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Només apareixen quadres de diàleg per mostrar missatges en els que l'usuari ha de realitzar alguna acció.
12.5	If users are working from hard copy, does the screen layout match the paper form?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
12.6	Has color been used specifically to draw attention, communicate organization, indicate status changes, and establish relationships?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	La distribució d l'aplicació es realitza a través de seccions de diferents colors. S'utilitzen tonalitats similars, per evitar l'ús de molts colors.
12.7	Can users turn off automatic color coding if necessary?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Si, en el cas que activin la versió d'alt contrast.
12.8	Are typing requirements minimal for question and answer interfaces?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
12.9	Do the selected input device(s) match environmental constraints?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Les maneres d'interactuar amb l'aplicació depenen del dispositius que s'està utilitzant.
12.13	If the system uses multiple input devices, has hand and eye movement between input devices been minimized?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Només passaria en el quiosc interactiu, i la disposició del teclat i la pantalla no necessita cap esforç especial. Ja que el model seleccionat ha passat satisfactòriament proves d'usabilitat i accessibilitat.

#	Review Checklist	Yes	No	N/A	Comments
12.14	If the system supports graphical tasks, has an alternative pointing device been provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
12.15	Is the numeric keypad located to the right of the alpha key area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
12.16	Are the most frequently used function keys in the most accessible positions?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No s'aplica en el nostre cas.
12.17	Does the system complete unambiguous partial input on a data entry field?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No, els usuaris han d'emplenar totes els camps de manera correcta abans de guardar els canvis.

13. Privacy

The system should help the user to protect personal or private information- belonging to the user or the his/her clients.

#	Review Checklist	Yes	No	N/A	Comments
13.1	Are protected areas completely inaccessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L'aplicació només té accés a la part d'usuaris.
13.2	Can protected or confidential areas be accessed with certain passwords.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No, ja que l'aplicació no ofereix cap secció per administració.
13.3	Is this feature effective and successful.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L'aplicació només es accessible prèvia validació en el sistema.

Heuristic Evaluation A System Checklist

Primary Source

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By

Elaine Weiss

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Evaluator: Jordi Gómez Alberti

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Jakob Nielsen and Robert Mack

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