

Relación entre Smells y Refactorings de Usabilidad

Usability Smell	Description	CSWR-1	CSWR-2	CSWR-3
Unresponsive Element (Elemento Inmutable)	An element is often clicked upon, but it does not trigger any action.	Turn Attribute into Link	Add Tooltip	
Undescriptive Element (Elemento No Descriptivo)	Many users try to get a tooltip from the element. This may be due to the element not being self-descriptive enough.	Rename Element	Add Tooltip	
Misleading Link (Vínculo Confuso)	Similar to <i>Undescriptive Element</i> but specific to links. Besides the tooltip attempts on it, users frequently visit the linked contents, only to return shortly after.	Rename Element	Add Tooltip	
Free Input For Limited Values (Campo de Texto Libre para Valores Limitados)	A free text input is presented to the user, but the set of possible values that can be entered belong to a limited set, like countries or occupations. Two problems ensue: error-proneness, and unnecessarily time wasted in typing the whole text.	Add Autocomplete	Turn Input into Radios	Turn Input into Select
Unformatted Input (Campo Sin Formato)	An input box asks users to fill in data in a specific format, instead of offering a more adequate widget.	Add Datepicker	Date Input into Selects	Format Input
Unmatched Size Input (Tamaño de Campo Inadecuado)	An input box width doesn't match the typical expected text size. If it is shorter than the values usually typed on it, it hides the full typed text. If it's too much longer, it can still be	Resize Input	Turn Input into Textarea	
Wrong Default Value (Valor por Defecto Incorrecto)	A list of values is presented to the user either in a select box or a list of radio buttons. A particular value is selected too often but users must explicitly select it anyways.	Provide Default Option		
Forced Bulk Action (Acción en Lote Forzada)	There's a row of action buttons before a list of selectable items, but users frequently apply an action on a single item.	Distribute Menu		
Overlooked Content (Contenido Ignorado)	Users scroll to an area too quickly. It is possible that they don't read the contents between the top of the page and said area.	Split Page	Add Link to Top	
Distant Content (Contenido Distante)	Users often follow a path of many navigation steps too quickly to get to a point. They do not seem to stop in the middle nodes and see their contents.	Add Link		
Late Validation (Validación Tardía)	A form fails to validate on the client, and users click on the submit button before they completed the required data in the correct way.	Add Inline Validation	Add Form Validation	
No Client Validation (Ausencia de Validación en el Cliente)	A form lets users submit wrong data and only informs the issues after the submission.	Add Form Validation		
No Loading Indicator (Ausencia de Indicador de Carga)	A page usually takes long to process, and no information is presented to the user to indicate there is an ongoing process.	Add Loading Overlay		
Abandoned Form (Formulario Abandonado)	A form is usually abandoned by the users before being submitted.	Split Page	Add Form Validation	
Scarce Search Results (Resultados de Búsqueda Escasos)	A search form doesn't bring any results most of the times.	Add Autocomplete		
Useless Search Results (Resultados de Búsqueda Inútiles)	A search form's results are rarely followed by users.	Add Autocomplete		