## Usability testing checklist for UI

* Do all UI elements and content (text, images, animated GIFs, etc) render on the page?
* Can the user navigate the UI?
  + Are all links, menus, and submenus accessible, clickable and tappable? Are there no broken links?
  + Is there a home link on every screen/page?
  + Will the user be able to access all clickable elements (links, buttons, dropdowns, sliders, and boxes) accessible via keyboard only? Do all clickable/tappable elements receive focus via tabbing (i.e. pressing the tab key)?
  + Do disabled fields and read-only elements receive no focus via clicks, taps, and tabbing?
* Are there any issues with the text content of buttons, fields, tooltips, messages, navigation items, and menus?
  + Are there any spelling errors?
  + Does the text content match the specifications and naming conventions?
* Are there any visible layout issues?
  + Is the order of menu and submenu items correct?
  + Is the content of UI elements clearly visible (e.g. not truncated due to the width of the element)?
  + Does the format and size of all buttons, fields, tooltips, messages, navigation items, and menus match the specifications?
  + Does the text and fields aligning match the specifications?
  + Do fonts match the specifications?
* Are all context cues in place and working as specified?
  + Are there tooltips (“hover boxes”) available for input fields, buttons, icons, and other UI elements?
  + Is there a blinking cursor when an input field receives focus (via clicking, taping, or tabbing)?
  + Are there confirmation messages (e.g. confirmation popups) for every operation that involves updating or deleting something?
  + Are there error messages in place for fields? If there’s an error on submit, does the field retain previous user input?
  + Does the UI display scrollbars of its own? Should it?
* Are there any major issues with the structure of the page?
  + Is there a single <h1> element on the page?
  + Does the page have a <title> tag and a <meta>?
* Are there any accessibility issues?
  + Are all buttons and loading states properly labeled for screen readers?
  + Are there clearly-named exit points for modals?
* Is the hierarchy of UI components screen-reader-friendly?
* Is there anything frustrating about any aspect of the UI?

## Functional testing checklist

* Do all interactive UI elements work as specified?
  + Check all buttons, radio buttons, dropdowns, toggles, checkboxes, text boxes, list boxes, date and time pickers, sliders, search fields, pagination and tags. Do these elements respond correctly to clicks, taps, and other input?
  + Is there an error message or page when a particular functionality fails?
  + If the UI involves sorting (e.g. catalogue of product items), does the sorting functionality work as specified?
  + If there is support for drag-and-drop, does it work consistently?
* Is there validation in place for all fields where necessary? Do the input fields handle special symbols?
  + Do numeric fields not accept alphabetic input?
  + If there are calculations, does the application handle very large numbers and division by zero?
  + If there is currency input fields, does the app impose constraints on input involving currency? Does the app handle different currency formats?
  + If there the supported input includes dates, does the app handle leap years?
  + If the case of invalid input, is there an error message?
* Does the user registration functionality work?
  + Can the user clearly tell what fields are mandatory?
  + Will the application display an on-submit error message if the user doesn’t provide input for all mandatory fields?
  + Will the application display an on-submit error message if the user doesn’t provide input for non-mandatory fields?
  + If registration is successful, is there a welcome page or message?
  + If the registration fails, is there an error page?
* Are there timeouts in place for registrations, payments, and other session types?
* Does clicking or tapping on an email address open an email client?
* Does the app allow the user to download files?
* Does the app support file uploading?
* How does the UI handle the user’s tinkering with the browser?
  + Does the app handle if the user deletes cookies / clears browsing history mid-session (i.e. while using the UI)?
  + Does the app handle if the user deletes cookies / clears browsing history after the session?
  + Does the app handle if the user disables JavaScript in the browser while using the app?

## Compatibility testing checklist

* Is the UI layout consistent across different screen resolutions and browsers?
  + Do all widths, margins, and paddings behave consistently across browsers and screen resolutions?
  + Do fonts and colors render consistently across browsers?
* Does JavaScript work across all browsers?
* If applicable, does the HTML version of the app look consistently across all browsers?

## Checklist for basic security testing

* Does sensitive data not appear in any of the following:
  + URL.
  + Error messages of any sort.
  + Any pages that don’t require a login.
  + Is the source code of the page. If yes, is the **View Page Source / View Source Code** option disabled?
  + Is there no sensitive data stored in cookies?
  + Is sensitive data of any kind not still accessible if some functionality of the app is not working?
  + Are there no traceable log files for storing important information? Does the app update these files as specified?
* Does the app handle if you refresh the page or click/tap Back when an transferring sensitive data (e.g. credentials, payment info, etc.) is mid-progress?
* Does the app handle that a user can’t access the functionality that is only available to other roles (e.g. can a regular user access admin-only features)?