# Heuristic evaluation form

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| # | Severity (0-4) | Heuristic Transgressed/ Supported | Where in the interface/ application | Issue | Remedy |
| 1 | 1 | User Control and Freedom  Flexibility and Efficiency of Use | A screenshot of a webpage  Description automatically generated  • Theme toggle on the top right, located on all pages. | • Users must repeatedly interact with the theme toggle when visiting other pages in the portfolio. Forcing users to manually switch back to dark mode on every page. | • Created a window localStorage named ‘displayMode’ in ‘global.js’. This allow a variable to be edited and saved across the website.  ***window*.localStorage.setItem("displayMode", "light");**  Remedy carried out in branch update: **displaySettingFix** |
| 2 | 2 | Error Prevention | A close-up of a sign  Description automatically generated  • The theme toggle in the top right of the page.  • Location is on all pages. | • Unresponsive theme toggle in a brand-new browser (safari), where users can’t be informed about the current mode or why it's not working.  • The user may assume the website is broken. | • I corrected the if statement in the ‘global.js’ to create a new ‘displayMode’ only if this variable doesn’t exist.  **if (*localStorage*.getItem("displayMode") === null) {  *window*.localStorage.setItem("displayMode", "light"); }**  Remedy carried out in branch update:  **displaySettingFix-error-fix** |
| 3 | 2 | Recognition Rather than Recall | A close-up of a sign  Description automatically generated  • The theme toggle on the top right of the page.  • Location is on all pages. | • The theme toggle disappears when scrolling down a page. This forces users to remember its location instead of keeping it visible. | • I change the position to fixed in the display-box class in ‘global.css’.  .***display-box {  position: fixed;***  ***…***  Remedy carried out in branch update:  **displaySettingFix-position-fix** |
| 4 | 2 | Aesthetic and Minimalist Design | A screen shot of a video game  Description automatically generatedA screen shot of a game  Description automatically generated  • The anchor link on each portfolio project.  • Location is on my portfolio page. | • The ‘Read More’ link has insufficient contrast against the background in a dark theme. This makes it hard for users to notice or click it | • I’ll increase the contrast of the link, ensuring it stands out clearly in ‘portfolio.css’.  **.project-box-main a {  …  color: var(--text-button) }**  Remedy carried out in branch update, along with conformance testing:  **conformance-mid-way-testing** |
| 5 | 3 | Flexibility and Efficiency of Use | A screenshot of a person's profile  Description automatically generated  • An example of one of my web pages (about.html) where the content isn’t visible with the page width reduced. | • Content becomes unreadable when the page width is reduced.  This limitation prevents users with smaller screens from viewing or interacting with the page content efficiently. | • I’ll implement @media queries to adjust layout, font sizes, and element positioning based on screen width.  Remedy carried out in branch update:  **@media-content-update** |
| 6 | 1 | Visibility of Systems Status | A person looking at the camera  Description automatically generated  • The active menu item of the three pages (about me, interests, portfolio page). | • The active menu item doesn’t provide feedback to the user.  This limitation makes it harder for the user to identify the page there are on which can lead to mild confusion. | • Highlight the active menu item with a brighter contrast in comparison with the inactive menu items.  Remedy carried out in branch update:  **menu-highlight-update-&-more** |
| 7 | 1 | Aesthetic Minimalist Design | A screenshot of a video game  Description automatically generated  • On the Portfolio page (portfolio.html), involving the theme toggle and project cards. | • The theme toggle overlaps with the project cards, creating visual clutters.  • This compromises a clean layout, making it difficult for users to interact with either element. | • Make sure the theme toggle always has priority over stack order using the  **z-index** property in global.js  ***.theme-toggle {***  ***…***  ***z-index: 1;***  Remedy carried out in branch update:  **toggle-theme-z-index-fix** |
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