

System Unit Test Report: Front-End UI Layout

Index / Login Page Layout:

Functional Testing

Logo: The Rootify logo is at the center of the login page, as expected.

Description: The description is at least 50% width of the user desktop layout.

Login Button:

Clicked on login button, it will direct to Spotify Login page. The logo button is green, and it has the Spotify logo, as expected. The link color is White. There is no hover transition effect on the button.

About & Help Link:

The about link is on the right upper hand corner of the page. It is above the Rootify logo. The link is white, and when you hover it will transition to a green color. When clicked on, the link redirect to the about page, as expected.

About Page Layout:

Functional Testing:

Overall Content: All the description is centered in the middle.

Logo: The Rootify logo is at the center of the login page, as expected.

What is Rootify:

The title is bold and white.

The description about the site is displayed. The text is legible with 1 em font.

Developers:

The title is bold and white, so it is legible. The names and description are displayed. The text is legible with the 1 em font, as expected. Clicked on GitHub icon, opened a new tab to the respective Github URL. Clicked on Code References the accordion will slide out all the list of code references used. Click on the Code References again, and the list will slide in back. This is worked as expected.

Code References:

The title of the article is white and underlined. When clicked on the link, it directs to the respected Title of the article or stackoverflow.

Login & Help Link:

The About & Help link is on the right upper hand corner of the page. It is above the Rootify logo. The link is white, and when you hover it will transition to a green color. When clicked on, the link redirect to the about page, as expected.

Help Page Layout:**Functional Testing:**

Overall Content: All the description is centered in the middle.

Logo: The Rootify logo is at the center of the login page, as expected.

Accordion:

Hover the bar, and the tab bar turns green. When you hover off, it returns to grey. Click on the desire title bar, the answer slides out as a tab as expected. The background is dark grey, and the answer include some detailed description. The bar will set to green after it's clicked. When clicked on again, the answers slide back to the tab, as expected. The tab bar is returned to dark gray.

Home Layout**Functional Testing:****Navigation Bar:**

The top navigation bar is placed top of the website, as expected. The height of the bar is 60px and it has a darker grey and borders around it. It is in a fixed position, so it should not move. The top navigation bar includes Logout, Short-Term, Long-Term, Reset Tree, (?), <help page>, and the Rootify logo. When hover the link buttons (Logout, Short-term, Long-term, & Reset Tree) - the background color of the button transition into green. The current clicked from short-term or long-term is green. Logout, is at the most left position of the navigation bar. Short-term and Long-term button is are next to each other, and each size they are both 5% margin away from logout and reset tree button. Reset tree button is the right side of the long-term button and it is 5% margin of the reset tree. The (?) <help page> and Rootify logo is at the rightmost position of the navigation bar. At a certain minimization window of 700 px, all the links will disappear and appear under the hamburger menu. When clicked on the hamburger menu, it will display all the buttons/Links. The Rootify Logo is still the same position. The (?) is under the hamburger with the new title "HELP" as aspected.

Sidebar with Alternating Tab Switches:

The sidebar is at the right of the main website. It is below the top navigation bar. The sidebar has two alternating switches (Detail & Generate tab). The width of the side bar is 18% of the user's desktop screen. When you click the active tab, it display the respected. The non-active tab will be green and the content is hidden, as expected. Minimizing the height of the window, the sidebar is responsive and adjust - The content (detail) has the overflow that is scrollable and display all the detail - as expected. Same test on the Generate tab, the content has the overflow that is scrollable and display all the detail. The Generate Button is in a fixed position at the bottom of the sidebar -- as expected.

Detail Tab:

The description tab will be active first, but it does not display information for the user has not selected either a track and artist node, as expected. When clicked on the tree node, the information will be display in the detail tab. Click on the Artist node, the detail results display: Artist image cover with a green overlay and the name, three of the most popular song, display popularity percentage, and associated genre -- correct results. [Testing the artist node: Click on KARA. Details results: KARA artists picture, and the name KARA. Three top songs: Mr. - KARA, Mamma Mia - KARA, CUPID - KARA. Popularity: 49%, Associated Genre: dance pop, k-pop. This test results the accurate result.] When click the track node, the detail result display: song preview, popularity percentage, danceability percentage, energy percentage, happiness percentage, and the music key. (correctly display). [Testing the track node: Click on Breath - Beast. Detail results: Preview song of Breathe - Beast. Popularity: 37%, Danceability: 68%, Energy: 85%, Happiness 50%, Key: D-minor -- this test result is accurate]