Glass Ceiling & Co.
Integration Testing

Group #3

Margie Ruffin, Zari McFadden, Jaida Langham, Lelia Hampton, and Ulunma Egwim

Integration Testing

Zari McFadden and Margie Ruffin

To integrate the front-end to the back-end Zari and Margie worked closely together. Zari created the user interface with the input and buttons and Margie took the ID's associated with the input fields and wrote Javascript code to add it to the Firebase database. They tested each part of the integration as they went. For example, for the user signup part of the app, Zari created the user interface and then pointed out to Margie the areas where users are actually putting in the information. Margie then referenced Firebase's GitHub for how to implement Firebase authentication and added Javascript code into the HTML file. After that, they went back to the site and went through the user signup process. Once they went through the process, they then checked the Firebase authentication to see if the account was created. The first few times nothing happened, so they would go back and double check the scripts and HTML button functionality making edits as necessary until it worked. They followed this same process of building the user interface, adding Javascript to communicate with the backend, going back to the site and actually entering data, and then going into Firebase to see if the data showed up for the user profile page. They also tested the integration of the site by going to the site and inspecting the element. This allowed Margie to check for console errors and Zari to check for user interface errors. The console errors provided much needed insight for functions that appeared to work, but really had hidden errors and also allowed for Margie to see why certain functions were not working.

Note: There is no code for the integration tests, meaning a README3.txt file is not needed.