

Goals

Our goals for this sprint was to add more functionality to each screen. In sprint one, we had created the user interface for each page but for sprint two we wanted the ability to use each page to be there. Another goal was to integrate more APIs. This included Location services, weather, image analyzers (using ML Kit and Cloud API Vision), and more usage with the Firebase that was integrated in sprint one. Another goal was to have database calls on the closet screen. Adding the ability to view the clothes in your closet, whether the closet as a whole or by certain types of clothes, was another goal we had for sprint two. This is an integral part of our application and was important to implement. The final goal we had was to analyze the pictures that the user was uploading to the database. This would allow the user to not have to select every feature of their clothing and make the usability better. Along the way and from the feedback from sprint one, there were other smaller things that came up along the way but these were our main goals for Sprint Two. We also added a settings page, bettered the user interface, allowed for a more gender neutral look and added initial J-unit testing.

Sprint Backlog

ProjectBacklog Waffle.io can be found at: https://waffle.io/fivestartstyle/fivestartstyle					
ID	Story	Estimation (hours)	Priority	Sprint When Finished	Comments - Reflection
31	Implement Database Structure	4	1	2	Structure evolved as we needed to best retrieve data
32	Setting Page	2	5	2	Took longer than expected due to pulling information from firebase and location services
45	Add Cloud Vision API	4	3	2	Fingerprints and outdated functionality
46	Add User-Defined Labels to Add to Closet Method	6	2	2	Filtering through strings and adding labels where appropriate
49	Populate Images on Item-Type Selection	5	1	2	Difficulty figuring out a method to have the intent change wait on data retrieval
85	Location Services	2	3	2	Outdated methods and documentation made implementation difficult
86	Add "Add to Closet" Page on Home Page	1	5	2	Pretty simple, took about an hour to get the design of the button looking right and link to the correct page, enhanced the look and usability of our application
87	Fix UI of Login/ Register Page and Home Page	1	5	2	We went through many options of which looked the best but in the end decided on a design that didn't make it look like a review as much
88	Utilize ML Kit	1	4	2	Scrapped because Cloud Vision was better fit
89	More Gender Neutral Buttons on Closet Page	1	5	2	Ran into little issue with drawable folders but resolved issue, made page more gender neutral
90	J-Unit Tests	4	1	2	JUnit tests took much longer than expected. Most methods are complicated and difficult to test