

Project Status Report

CSCI 5708: Mobile Computing

Identification and Summary		
Group Name	Group 16	Status Summary: The second and third milestone are completed. We have started with the fourth milestone which includes integration with backend data.
Project Name	Smart Shopper	
Report Date	March 27, 2020	

Parameters					Comments
Schedule	Ahead	On-Track	At-Risk	Off-Track	Milestone 4 has started.
Quality (QA)	Ahead	On-Track	At-Risk	Off-Track	Started with the testing of design and core functionality.
Risks	None	Minor	Major	Catastrophic	Required API endpoints are unavailable. Decided to mock the API with data from firebase.
Issues	None	Minor	Major	Catastrophic	Facing a few unexpected impediments due changes in other courses (ex: assignments, due dates, etc.)

Issues and Problems ¹ (Top 5)				
Issue	Status ²	Severity ³	Owner(s)	Description and Resolution
1. Learning Curve	Complete	Minor	All	Steep learning curve for Android development using Kotlin, Unit Testing and Git. Learning is in good progress.
2. Some changes in plan (task assignments)	In Progress	Minor	All	Due to schedule conflicts and COVID-19 situations (university closure), we are not being able to proceed with our previous plan. So, we are making adjustments in the task assignments and the overall plan in general.
3. API key not being provided by Walmart.	Completed	Major	Abhinav, Dhruv	We would use mock database provided by Kaggle or mock API from our firebase DB.
4. Reassessing the features list to be delivered.	Completed	Major	All	We are eliminating the some of our bonus functionalities.

Group Member Contributions		
Member Name	Banner No.	Activities Performed this week
Moni Shah	B00830791	Shared Preferences used to store shopping list – Completed Working on Help and Documentation.
Sriram Ponangi	B00851421	Google Maps API and Map view – Testing Code Integration issues – In Progress
Abhinav Mandava	B00841453	Creating mock API – In Progress
Dhruv Tarpara	B00856253	Folding cell design in Recycler View – Competed Custom design for product description – In Progress
Nishant Amoli	B00835717	Material Design for fragments – Completed Introduction slides for app – In progress

Milestones Completed or In Progress		
Milestone	% Completed	Comments
Milestone 1	100	Completed the first milestone which includes sitemap, logo design, splash screen, and colour choice.
Milestone 2	100	Home Screen, Firebase setup, Bar code reader screen, Recycler View, NavGraph are completed
Milestone 3	100	Product description screen and shopping list screen are completed.
Milestone 4	30	Mock API- In progress Map screen – In progress

Notes

1. A list of bugs and coding issues is not suitable. Consider problems through-out the entire development process.
2. Status is one of:
 - a. **Closed** – The issue has been resolved and validated.
 - b. **Testing** – The repair/solution is being tested and validated
 - c. **In Progress** – Work is ongoing to address the issue.
 - d. **Reported** – The issue has been identified, but no work has been done to resolve it.
 - e. **Unknown** – For some reason (explained in comments), the status is uncertain.
3. Severity is one of:
 - a. **Minor** – If it isn't fixed it is annoying but tolerable.
 - b. **Major** – It needs to be fixed for the project to meet all the requirements.
 - c. **Severe** – It is a “road block” and must be fixed before any more work can be done.
 - d. **Catastrophic** – Unless it is resolved, the entire project will fail.