

Project Status Report

CSCI 5708: Mobile Computing

Identification and Summary		
Group Name	Group 16	Status Summary: Second milestone is in progress. Core functionality1- Bar code scan, is completed. Faced some issues which are detailed in the issues section.
Project Name	Smart Shopper	
Report Date	March 10, 2020	

Parameters					Comments
Schedule	Ahead	On-Track	At-Risk	Off-Track	Milestone 2 in progress
Quality (QA)	Ahead	On-Track	At-Risk	Off-Track	Deferred QA as there are other functional issues at present, related to API.
Risks	None	Minor	Major	Catastrophic	Required API endpoints are unavailable
Issues	None	Minor	Major	Catastrophic	Some minor issues listed below.

Issues and Problems ¹ (Top 5)				
Issue	Status ²	Severity ³	Owner(s)	Description and Resolution
1. Android Studio is very slow on a laptop	Closed	Minor	Nishant	Nishant is using his mobile instead of the emulator, which apparently resolved the issue
2. Learning Curve	In Progress	Minor	All	Steep learning curve for Android development using Kotlin, Unit Testing and Git. Learning is in good progress.
3. Some changes in plan (task assignments)	In Progress	Minor	All	Due to schedule conflicts, there are adjustments in the task assignments.
4. API endpoint unavailable for getting products by barcode.	Reported	Major	Abhinav, Dhruv	API not available for stores other than Walmart. Also, for Walmart API, there is no end point to get products by barcode id

Group Member Contributions		
Member Name	Banner No.	Activities Performed this week
Moni Shah	B00830791	Design and development of shop list screen - In progress
Sriram Ponangi	B00851421	Google Maps API and Map view – In progress
Abhinav Mandava	B00841453	Firestore setup and integration – Complete Resolving API issues – In Progress
Dhruv Tarpara	B00856253	Recycler View implementation for products list screen – Complete Bar code scanner screen – Complete Folding cell design in Recycler View – In progress
Nishant Amoli	B00835717	Sitemap and initial NavigationGraph for fragments –Complete Material Design for fragments – 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	70	Home Screen, Firebase setup, Bar code reader screen, Recycler View, NavGraph are completed

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.