

Project Status Report

CSCI 5708: Mobile Computing

Identification and Summary		
Group Name	Group 16	Status Summary: The second milestone is in progress as our API endpoint issue is in progress. We have started the third milestone. The progress this week has been low due to all our teammates had to work on assignments and tests from other courses.
Project Name	Smart Shopper	
Report Date	March 13, 2020	

Parameters					Comments
Schedule	Ahead	On-Track	At-Risk	Off-Track	Milestone 2 in progress. We have started milestone 3
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
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. Learning Curve	In Progress	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, there are adjustments in the task assignments.
3. API endpoint unavailable for getting products by barcode.	In Progress	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
4. Reassessing the features list to be delivered.	In Progress	Major	All	To put more focus on delivering features with the highest quality, we are assessing if we can deliver all the features without compromising on through testing.

Group Member Contributions		
Member Name	Banner No.	Activities Performed this week
Moni Shah	B00830791	Shared Preferences used to store shopping list – In Progress
Sriram Ponangi	B00851421	Google Maps API and Map view – In progress
Abhinav Mandava	B00841453	Resolving API issues – In Progress
Dhruv Tarpara	B00856253	Folding cell design in RecyclerView – Completed 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	85	Home Screen, Firebase setup, Bar code reader screen, Recycler View, NavGraph are completed
Milestone 3	25	Product description screen and shopping list screen are 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.