

Project Status Report

CSCI 5708: Mobile Computing

Identification and Summary		
Group Name	Group 16	Status Summary: Completed the first milestone which includes sitemap, logo design, splash screen, and colour choice. Meeting completed on the upcoming tasks, issues and risks. Completed Firebase setup from the second milestone.
Project Name	Smart Shopper	
Report Date	February 28, 2020	

Parameters					Comments
Schedule	Ahead	On-Track	At-Risk	Off-Track	Completed milestone 1 with no issues. Milestone 2 in progress
Quality (QA)	Ahead	On-Track	At-Risk	Off-Track	Learning curve for unit testing seems steeper than anticipated
Risks	None	Minor	Major	Catastrophic	Android studio is awfully slow on one of the team members' laptop.
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	In Progress	Minor	Nishant	Nishant's laptop is not performing well with Android Studio. This is impeding the development process. We decided to take an EC2 instance(t3.xlarge) on AWS with 16GB RAM.
2. Learning Curve	In Progress	Major	All	Steep learning curve for Android development using Kotlin, Unit Testing and Git.
3. Some changes in plan(task assignments)	In Progress	Minor	All	Due to schedule conflicts, there are adjustments in the task assignments.
4.				
5.				

Group Member Contributions		
Member Name	Banner No.	Activities Performed this week
Moni Shah	B00830791	Design and development of home screen - In progress Colour and theme selection - Complete
Sriram Ponangi	B00851421	Splash Screen, Git Lab setup, Azure DevOps setup - Complete
Abhinav Mandava	B00841453	Logo design - Complete Firebase setup and integration – In progress
Dhruv Tarpara	B00856253	Recycler View implementation for products list screen – In progress Bar code scanner screen - In progress
Nishant Amoli	B00835717	Sitemap and initial NavigationGraph 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	50	Home Screen, Firebase setup, Help and Documentation Screen, Bar code reader 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.