

PROJECT PLAN DOCUMENT

Team - 45

(Due: 31st January 2024)

Project number	D5-1
Project Title	Micro-Content powered Digital Transit M-Commerce
Document	DASS Project Plan Document
Creation date	24 January 2024
Created By	Naga Sai Ritvik Modumudi Keshava Kishore Nanda Veerapuneni Paridhi Jain Navdha Bansal Venishetty Hari Chandana
Client	Name of the Organization – Digitalee Augmentum Mr. Ram (plays the role of the end customer) Mr.Raj - Technology Mentor and POC Mr.Jagdish - Program Manager of the Company (Ensures the delivery of DASS project).

Brief problem statement

The challenge at hand is to seamlessly integrate a transit provider's mobile app with an e-commerce platform, enabling users to earn micro-money incentives by watching YouTube videos within the transit app. These incentives are then utilized to purchase discounted products and services from the e-commerce app. Ensuring consistent and accurate transactional accounting across all user interactions is crucial, necessitating a system that maintains integrity and reliability throughout the process.

Team Members

1. Keshava Kishore Nanda Veerapuneni – Frontend Developer, UI Design, Backend Logic in Kotlin ‘
2. Paridhi Jain – Frontend Developer, UI Design, Document Creation
3. Navdha Bansal – Frontend Developer, UI Design, App Navigation \
4. Naga Sai Ritvik Modumudi – Backend Developer, Firebase Setup, Backend Logic in Kotlin

5. Venishetty Hari Chandana – Backend Developer, Document Creation, Firebase maintenance

Team Communication

We plan to meet with the client every Wednesday at 5:00 pm, mostly online. We also plan to have internal meetings whenever necessary physically. Also, WhatsApp is used as our primary communication channel.

Development Environment

Programming Languages:

- Java and Kotlin
- JavaScript/Python

Development Environment:

- Android Studio
- Visual Studio Code

Collaboration Tools:

- GitHub – For version control, collaboration among developers and managing codebase
- WhatsApp – For communication among the team members

Other Tools:

- Firebase – For various backend services
- Figma – For designing app interfaces.
- Microsoft Word/Excel - For documenting project requirements, specifications and tracking progress.

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Prepare the initial SRS document	Complete	R1	Yes
Finalize Requirements	10/02/2024	R1	Yes
Build a dummy Transit App	Complete	R1	Yes
Research Firebase and set up a Firebase account	Complete	R1	No
Setup Firestore account and Cloud Functions	Complete	R1	No
Build a Basic App Prototype with the main functionalities	01/03/2024	R1	Yes
Test the app – i.e. the soundness of the concept	10/03/2024	R1	No

Fix the errors in the prototype app	20/03/2024	R1	No
First Release	20/03/2024	R1	Yes
Build extra features such as Search	27/03/2024	R2	Yes
Integrate ML features with Search	05/04/2024	R2	Yes
Testing the complete system	10/04/2023	R2	No
Final Release	15/04/2023	R2	Yes