

Fortnightly Mini Project Status Report

Project Title: FruitHub

Group No: 6A

Date: 28/02/2024

Enrollment No: 12102080601035

Enrollment No: 12102080601040

Enrollment No:12102080601048

Contents:

1) PROJECT STATUS SUMMARY:

- Figma file for UI is created with documentation for the mid-term evaluation for the project. Now heading towards the front end and machine learning model creation.

2) WORK PLANNED FOR LAST FORTNIGHT:

- Complete the UML Diagrams and UI for App and Web module.
- Improve the dataset collected and try to implement it in database
- Create the UI in Mobile and Web module technology.
- Learn about the previous solutions which are present for this type of problem for creating the model

3) WORK COMPLETED FOR THIS FORTNIGHT:

- Completed the UML diagrams for report submission.
- Idea of Web module is transferred in future progress of the project.
- Improved the quality of the data regarding the fruit's cultivation and the nutrition that it can be useful to the user.
- Change in technology stack is finalized
 - ◆ Mobile: Kotlin and JetPack Compose.
 - ◆ Database: Firestore.
- Selected the dataset for the model we wanted to create for the problem statement from open source Kaggle platform.
- Created the UI for the Application
- Prepared the presentation for mid term evaluation.



4) **WORK PLANNED FOR NEXT FORTNIGHT:**

- Prepare the machine learning model.
- Learn and execute the back end using the firebase.
- Start creating the Frontend
- Collect the photo graphs to display in app

5) **OPEN RISKS**

- Change in UI while proceeding further.
- Finding the suitable photographs