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.

1. **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
2. **OPEN RISKS**
   * Change in UI while proceeding further.
   * Finding the suitable photographs

Sign: (Internal Guide)