Fortnightly Mini Project Status Report

Project Title: FruitHub

Group No: 6A Date: 13/03/2024

Enrollment No: 12102080601035 Enrollment No: 12102080601040 Enrollment No:12102080601048

Contents:

1. **PROJECT STATUS SUMMARY**:
   * Started creating the deep learning model for image classification and front of the mobile application in jetpack Compose.
2. **WORK PLANNED FOR LAST 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
3. **WORK COMPLETED FOR THIS FORTNIGHT:**
   * Prepared the prototype for the machine learning model which is showing the accuracy of 93% on validation data and 73% on the testing data which is similar of the training data.
   * Created the firebase project and integrated it with the android application in Android studio.
   * Created the Home Screen, Explore Screen, My Saved Screen, User Screen individually using Compose. Where every screen is static in nature of execution.
   * Collected the png for the icon of the photos of dataset.
   * Created the elements / components which are going to use in more than one screen
4. **WORK PLANNED FOR NEXT FORTNIGHT:**
   * Complete the Static front end.
   * Implement the FireStore Database with putting the data.
   * Improve the Deep Learning Model.
   * Integrate the remote database and the local database.
5. **OPEN RISKS**
   * Change in functionalities while proceeding further.
   * Error during navigating the screens and getting the data from the FireStore.

Sign: (Internal Guide)