

ROLE SPECIFICATION OF TEAM MEMBERS [Form – 2]

MEMBER 1 <u>Abhishek Pandey</u>		HANDLING MODULE <u>Disease Detect Module</u>	
NAME OF ACTIVITY	SOFT DEADLINE DATE	HARD DEADLINE DATE	DETAILS OF ACTIVITY (STORY)
Select AI Model for Disease Detection	22/09/2023	20/10/2023	Research and study various AI models suitable for disease detection in crops. Evaluate their performance, strengths, and weaknesses in relation to the project requirements. Select the most appropriate AI mode
Fetch dataset available or create new dataset required for Disease Detection	21/10/2023	03/11/2023	Research and locate publicly available datasets related to crop diseases and their detection. Evaluate the suitability of these datasets for the project's requirements
Train and Test AI Model selected on Dataset Optimize and Improve accuracy of Model	04/11/2023	17/11/2023	Train and test the selected AI model on the dataset obtained in the previous step. Optimize the model and improve its accuracy through iterative testing and adjustments.
Create API to have request and response the prediction	18/11/2023	20/11/2023	Develop an API to handle requests and responses for disease predictions. This API will allow users to submit data for prediction and receive the results.
MEMBER 2 <u>Aditya Agarwal</u>		HANDLING MODULE <u>Home Screen Module, Login Module, Weather Module, Crop Suggestion Module, Main Screen Module, Dashboard Module, Market Value of Crop Module, Add User Info Module, Select a Crops Module, Ask AI Module</u>	
NAME OF ACTIVITY	SOFT DEADLINE DATE	HARD DEADLINE DATE	DETAILS OF ACTIVITY (STORY)
Home Screen Module	22/09/2023	29/09/2023	Develop the user interface for the home screen displaying weather, selected crop, current location, and navigation buttons.
Login Module	30/09/2023	06/10/2023	Implement the mobile number input with OTP verification and the guest login option. Create a user-friendly dashboard.
Weather Module	07/10/2023	13/10/2023	Integrate weather API to display current temperature, weather conditions, prediction, and today's date.
Crop Suggestion Module	14/10/2023	20/10/2023	Develop algorithms to suggest crops based on the NPK value filled by the user.
Main Screen Module	21/10/2023	27/10/2023	Design the main screen with navigation between home screen and dashboard tabs.
Dashboard Module	28/10/2023	03/11/2023	Create the dashboard displaying user information, navigation to personal and farm info, and logout button.
Market Value of Crop Module	04/11/2023	10/11/2023	Implement functionality to fetch and display current maximum and minimum prices of crops in the market for the selected crop.
Add User Info Module	11/11/2023	17/11/2023	Develop the user interface to collect user information such as name, contact number, address, farm NPK value, and farm size.
Select a Crops Module	18/11/2023	20/11/2023	Create a module where users can select fruits or vegetables they want to grow, and display selected crops on the screen.

MEMBER 3 <u>Akshat Jaiman</u>			HANDLING MODULE <u>Notification Module, Location Module</u>	
NAME OF ACTIVITY	SOFT DEADLINE DATE	HARD DEADLINE DATE	DETAILS OF ACTIVITY (STORY)	
Notification UI with Filter	4/10/2023	18/10/2023	Develop a user interface component for the notification module within the application. Implement filtering options to allow users to sort and manage notifications based on categories such as offers, alerts, and general information.	
Push Notification in App	4/10/2023	18/10/2023	Integrate push notification functionality to keep users informed about important updates, weather alerts, community discussions, and order statuses.	
Ask Location Screen and Store user location in Context	4/10/2023	18/10/2023	Store user location in Context such that all features in app can access its 4 data - latitude , longitude , City and state. Test it with multiple child and parent component and with Login Flow.	

MENTOR'S NAME & SIGNATURE MRS. RICHA RAWAL

