

MILESTONE AND ACTIVITY PLAN

(Project Planning Phase)

Date	13 November 2022
Team ID	PNT2022TMID10715
Project Name	Fertilizers Recommendation System For Disease Prediction

Fertilizer Recommendation System For Disease Prediction :-

Milestone:

Most farmers are faced with the dilemma of choosing an unsuitable crop for their land. The farmer who chooses the wrong crop can end up quitting agriculture, giving up their land to industrialists or using it for other purposes. Wrong crop selection results in less yield and lower profits. Machine Learning (ML), an application of Artificial Intelligence, is the solution. Crop recommendation will recommend the best crop to grow on their land based on soil nutrition value, climate and other factors. It is difficult to choose the right fertilizer for each crop. Heterogeneous diseases can cause serious problems for agricultural production and quality. This recommendation system was created to address these problems. This technique allows you to combine multiple ML predictions into a single recommendation model. The models can recommend the best crop based upon soil value and the best fertilizer. To build Deep learning models you must require the following packages.

IDEATION PHASE

TITLE	DESCRIPTION	STATUS
Literature Survey	Literature Survey of the Selected Projects & Gathering Information by Referring to the Technical Papers etc	COMPLETED
Brainstorm and Idea prioritization	List the Ideas by organizing the brainstorming session and prioritizing the top 4 Ideas based upon the Feasibility and Importance.	COMPLETED
Problem Statement	List of issues in the project	COMPLETED
Prepare Empathy map	To capture the User's Pains & Gains, create an Empathy Map Canvas. Also, prepare a list of problem statements.	COMPLETED

PROJECT DESIGN PHASE – 1

TITLE	DESCRIPTION	STATUS
Proposed Solution	The Proposed Solution Document should include the Novelty, Feasibility, Social Impact, Scalability, and Scalability of the solution.	COMPLETED
Problem Solution Fit	Prepare Problem – Solution Fit Document	COMPLETED
Solution Architecture	Prepare the Technology (Solution) Architecture diagram	COMPLETED

PROJECT DESIGN PHASE – 2

TITLE	DESCRIPTION	STATUS
Customer Journey	Prepare the customer journey maps to understand the user interactions & experiences with the application	COMPLETED
Functional Requirement	Prepare the Functional Requirement Document	COMPLETED
Data Flow Diagram	Draw the data flow diagrams & submit for review	COMPLETED
Technology Architecture	Prepare the Technology Architecture Diagram	COMPLETED

PROJECT PLANNING PHASE

TITLE	DESCRIPTION	STATUS
Prepare Project Planning & Sprint Delivery Plan	Prepare the Product Backlog, Sprint planning, stories & Story points	COMPLETED
Prepare Milestone & Activity List	Prepare the Milestones & activity list of the project	COMPLETED

PROJECT DEVELOPMENT PHASE

TITLE	DESCRIPTION	STATUS
Sprint 1	Develop & submit the developed code by testing it.	COMPLETED
Sprint 2	Develop & submit the developed code by testing it.	IN-PROGRESS
Sprint 3	Develop & submit the developed code by testing it.	IN-PROGRESS
Sprint 4	Develop & submit the developed code by testing it.	IN-PROGRESS