

Project Planning Phase Milestone and Activitylist

Date	23 October 2022
Team ID	PNT2022TMID35762
Project Name	Project – AI Powered Food Demand Forecaster
Project Members	Sanjay Kumar S, Dhanush T ,Dhanushri R, Monisha C
Maximum Marks	8 Marks

Milestones	Activity	Detailed activity description
Ideation phase		
	Preparation	<ul style="list-style-type: none"> • Access resources in dashboard • Access guided project workspace • Create GitHub account and collaborate with Project repository
	Literature Survey	<ul style="list-style-type: none"> • Gathering information by referring technical papers and research publications. • Choosing technologies used in papers corresponding to our project
	Empathy map	To capture user pains and gains
	Problem Statement	Prepare the list of problem statements to understand user needs
	Brainstorming session	List the ideas by organizing the session and prioritize the top 3 ideas based on the feasibility and importance
Project design Phase - I		

	Proposed solution document	Solution includes novelty, feasibility, business model, social impact and scalability
	Solution fit document	Prepare Problem solution fit document
	Solution Architecture	Prepare Solution architecture document
Project design Phase - II		
	Customer Journey Map	<ul style="list-style-type: none"> • To understand user interactions with application • User experience with application
	Functional and Non-functional requirements	Gathering all the functional and non-functional requirements
	Data flow diagram	Prepare Data flow diagrams document
	Technology Architecture	Prepare Technology Architecture Diagram document
Project Planning Phase		
	Milestone and Activity List	Prepare milestones and activity list
	Sprint Schedules	Sprint delivery plan
Project Development phase		
	Data Pre-Processing	<ul style="list-style-type: none"> • Import the Libraries. • Reading the dataset. • Exploratory Data Analysis • Checking for Null Values • Reading and merging .csv files • Dropping the columns • Label Encoding • Data Visualization • Splitting the Dataset into Dependent and Independent variable • Splitting Data into Train and Test

	Model Building	<ul style="list-style-type: none"> • Train And Test Model Algorithms • Model Evaluation • Save the Model • Predict the Output Using the Model.
	Application Building	<ul style="list-style-type: none"> • Create an HTML File • Build Python Code • Run the App
	Train the Model on IBM	<ul style="list-style-type: none"> • Register for IBM Cloud • Train the IBM Model on IBM • Integrate flask with Scoring endpoint.

ACTIVITY	DESCRIPTION
Project Development Delivery of Sprint-1	In this activity are expected to develop & submit the developed code by testing it.
Project Development Delivery of Sprint-2	In this activity are expected to develop & submit the developed code by testing it.
Project Development Delivery of Sprint-3	In this activity are expected to develop & submit the developed code by testing it.
Project Development Delivery of Sprint-4	In this activity are expected to develop & submit the developed code by testing it.