

Project Planning Phase

Milestone and Activity Plan

Date	6 November 2022
Team ID	PNT2022TMID15779
Project Name	Developing a Flight Delay Prediction Model using Machine Learning
Maximum Marks	2 marks

Activity Number	Activity Name	Detailed Activity Description	Assigned To	Date
1	Prerequisites	Prerequisites are all the needs at the requirement level needed for the execution of the different phases of a project.	Notam Kedari Peddamallu Sai Divya Moneekha G Nithya Shree P B	Completed
2	Data Collection	IBM provides the dataset. It is the actual dataset used to train the model for performing various actions. In this activity let's focus on gathering the dataset.	Notam Kedari Peddamallu Sai Divya	Completed
3	Data Preprocessing	Data Pre processing is a technique that is used to convert the raw data into a clean data set.	Notam Kedari Peddamallu Sai Divya	Completed

4	Ideation Phase			
4.1	Literature Survey & Information Gathering	Literature survey on theselected project & gathering information by referring the, technical papers, research publications etc.	Notam Kedari Peddamallu Sai Divya Moneekha G Nithya Shree P B	23 September 2022
4.2	Prepare Empathy Map	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare listof problem statements.	Notam Kedari Peddamallu Sai Divya Moneekha G Nithya Shree P B	30 September 2022
4.3	Brainstorming-idea generation	List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.	Notam Kedari Peddamallu Sai Divya	14 October 2022
5	Project Design Phase 1			
5.1	Proposed Solution	Preparation of proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution.	Moneekha G Nithya Shree P B	14 October 2022
5.2	Problem Solution Fit	Prepared problem is analyzed and make effective solutions for the problem.	Moneekha G Nithya Shree P B	14 October 2022

5.3	Solution Architecture	Prepare an architecture for solution.	Peddamallu Sai Divya	14 October 2022
6	Project Design Phase 2			
6.1	Solution Requirements	Prepare the Functional Requirement and Non Functional Document.	Peddamallu Sai Divya	16 October 2022
6.2	Customer Journey Map	Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit).	Notam Kedari	16 October 2022
6.3	Data Flow Diagrams	Prepare a Data Flow Diagram for Project use level 0(Industry Standard).	Peddamallu Sai Divya	16 October 2022
6.4	Technology Stack	Prepare Technology Architecture of the solution.	Notam Kedari	16 October 2022
7	Project Planning Phase			
7.1	Milestones & Tasks	Prepare Milestone & Activity List	Peddamallu Sai Divya	6 November 2022
7.2	Sprint Schedules	Prepare Sprint Delivery Plan	Notam Kedari Peddamallu Sai Divya Moneekha G Nithya Shree P B	6 November 2022

8	Project Development Phase			
8.1	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Notam Kedari Peddamallu Sai Divya Moneekha G Nithya Shree P B	In Progress
8.2	Acceptance Testing	Sprint-2 Delivery: Develop the Code, Test and push it to GitHub. Sprint-3 Delivery: Develop the Code, Test and push it to GitHub.	Notam Kedari Peddamallu Sai Divya Moneekha G Nithya Shree P B	In Progress
8.3	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	Notam Kedari Peddamallu Sai Divya Moneekha G Nithya Shree P B	In Progress