

Project Planning Phase

Milestone and Activity Plan

Date	6 November 2022
Team ID	PNT2022TMID44312
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.	Parkkavi T	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.	Vaishnavi A	Completed
3	Data Preprocessing	Data Pre processing is a technique that is used to convert the raw data into a clean data set.	Sally Jemimah J Parkkavi T Pravena S Vaishnavi A	Completed

4	Ideation Phase			
4.1	Literature Survey & Information Gathering	Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc.	Sally Jemimah J Parkkavi T	23 September 2022
4.2	Prepare Empathy Map	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements.	Parkkavi T Vaishnavi A	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.	Parkkavi T	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.	Vaishnavi A	14 October 2022

5.2	Problem Solution Fit	Prepared problem is analyzed and make effective solutions for the problem.	Sally Jemimah J	14 October 2022
5.3	Solution Architecture	Prepare an architecture for solution.	Parkkavi T	14 October 2022
6	Project Design Phase 2			
6.1	Solution Requirements	Prepare the Functional Requirement and Non Functional Document.	Parkkavi T	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).	Sally Jemimah J	16 October 2022
6.3	Data Flow Diagrams	Prepare a Data Flow Diagram for Project use level 0(Industry Standard).	Parkkavi T	16 October 2022
6.4	Technology Stack	Prepare Technology Architecture of the solution.	Vaishnavi A	16 October 2022
7	Project Planning Phase			
7.1	Milestones & Tasks	Prepare Milestone & Activity List	Parkkavi T Vaishnavi A	6 November 2022
7.2	Sprint Schedules	Prepare Sprint Delivery Plan	Sally Jemimah J Parkkavi T	6 November 2022

8	Project Development Phase			
8.1	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Parkkavi T Pravena S Vaishnavi A	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.	Sally Jemimah J Parkkavi T Pravena S Vaishnavi A	In Progress
8.3	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	Sally Jemimah J Parkkavi T Vaishnavi A	In Progress