

Project Planning Phase

Milestone and Activity Plan

Date	19 November 2022
Team ID	PNT2022TMID02088
Project Name	Deploying a flight delay prediction model using machine learning
Maximum Marks	2 marks

MILESTONE & ACTIVITY PLAN:

Activity Number	Activity Name	Detailed Activity Description	Assigned To	Date
1	Pre-requisites	All the needs at the requirement level needed for the execution of the different phases of a project.	Akhilesh R Anjana D Gokulakrishnan G Anirudh S	Finished
2	Data Collection	IBM provides the dataset. It is the actual dataset used to train the model for performing various actions. Here we focus on gathering the dataset.	Akhilesh R Anirudh S	Finished
3	Data Preprocessing	Technique used to convert the raw data into a clean data set.	Anjana D Gokulakrishnan G	Finished

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.	Anjana D Akhilesh R	18 September 2022
4.2	Problem Statement	The problem statement for flight delay prediction were discussed and finalized.	Gokulakrishnan G	18 September 2022
4.2	Prepare Empathy Map	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements.	Akhilesh R Anjana D	18 September 2022
4.3	Brainstorming-idea generation	organizing the brainstorming session and prioritize the top3 ideas based on the feasibility & importance.	Gokulakrishnan G Akhilesh R	30 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.	Akhilesh R	06 November 2022
5.2	Problem Solution Fit	Prepared problem is analyzed and make effective solutions for the problem.	Gokulakrishnan G	18 November 2022
5.3	Solution Architecture	Prepare an architecture for solution.	Gokulakrishnan G	06 November 2022

6	Project Design Phase 2			
6.1	Customer Journey Map	Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit).	Akhilesh R	14 November 2022
6.2	Technology Architecture	Prepare Technology Architecture of the solution.	Akhilesh R	16 November 2022
6.3	Data Flow Diagrams	Prepare a Data Flow Diagram for Project use level 0 (Industry Standard).	Gokulakrishnan G	18 November 2022
6.4	Solution Requirements	Prepare the Functional Requirement and Non-Functional Document.	Gokulakrishnan G	18 November 2022
7	Project Planning Phase			
7.1	Milestones & Tasks	Prepare Milestone & Activity List	Gokulakrishnan G	19 November 2022
7.2	Sprint Schedules	Prepare Sprint Delivery Plan	Gokulakrishnan G	19 November 2022

8	Project Development Phase			
8.1	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Akhilesh R	In -Progress
8.2	Acceptance Testing	<p>Sprint-2 Delivery: Develop the Code, Test and push it to GitHub.</p> <p>Sprint-3 Delivery: Develop the Code, Test and push it to GitHub.</p>	<p>Anjana D</p> <p>Anirudh S</p>	In - Progress
8.3	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	Gokulakrishnan G	In -Progress

