Project Planning Phase

Milestone and Activity Plan

Date	11 November 2022
Team ID	PNT2022TMID22124
Project Name	Developing a Flight Delay Prediction Model using Machine Learning
Maximum Marks	

Activity Number	Activity Name	Detailed Activity Description	Assigned To	Date
1	Ideation Phase			
1.1	Literature Survey & Information Gathering	Literature surveyon the selectedproject & gathering information by referring the, technical papers, research publications etc.	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	25 October 2022
1.2	Prepare Empathy Map	Prepare Empathy Map Canvas tocapture the userPains & Gains, Prepare list of problem statements.	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	25 October 2022
1.3	Brainstorming idea generation	List the by organizing the brainstorming session and prioritize the top3 ideas based on the feasibility & importance.	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	27 October 2022
2	Project Design Phase 1			
2.1	Proposed Solution	Preparation ofproposed solution document, whichincludes the novelty, feasibility of idea, business model,social impact, scalability of solution.	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	05 November 2022

2.2	Problem Solution Fit	Prepared problem is analyzed and make effective solutions for the problem.	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	07 November 2022
2.3	Solution Architecture	Prepare an architecture for solution.	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	07 November 2022
3	Project Design Phase 2			
3.1	Solution Requirements	Prepare the Functional Requirement and Non Functional Document.	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	05 November 2022
3.2	Customer Journey Map	Preparation of customer journey maps to understand the user interactions& experiences with the Application (entry to exit).	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	08 November 2022
3.3	Data Flow Diagrams	Prepare a Data Flow Diagram for Project use level 0(Industry Standard).	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	09 November 2022
3.4	Technology Stack	Prepare Technology Architecture of the solution.	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	09 November 2022
4	Project Planning Phase			
4.1	Milestones &Tasks	Prepare Milestone & Activity List	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	11 November 2022
4.2	Sprint Schedules	Prepare Sprint Delivery Plan	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	11 November 2022

5	Project Development Phase			
5.1	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	In Progress
5.2	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.	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	In Progress
5.3	Performance Testing	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Ravi Teja N.G, Rakesh S, Vishwa, Ravi Chandran	In Progress