Project Planning phase

Prepare Milestone and Activity List

Date	18 November 2022
Team ID	PNT2022TMID18520
Project Name	**Traffic and Capacity Analytics for Major Ports**
Maximum Marks	4 Marks

DATE	MILESTONE	ASSIGNEE	STATUS	DESCRIPTION
31/08	Data Collection-Download dataset	Rajeshwari K Nivetha A Renuka S Priyadharshni K	Completed	The dataset for Traffic and Capacity Analytics is to be collected.The dataset which is considered will have the port information
7/09	Data Pre-processing 1.Renaming the coloumn names 2.Preparing calculations 3.Checking for NULL values 4.Checking for ouliers 5.Summarization of dataset 6.Label Encoding	Rajeshwari K Nivetha A Renuka S Priyadharshni K	Completed	Preprocessing involves renaming the existing coloumn names into meaningful one,preparing calculations such as calculating traffic percent,checking for NULL values in the dataset.
14/09	Visualizing the dataset	Rajeshwari K Nivetha A Renuka S Priyadharshni K	Completed	Visulaizing the dataset involves plotting the dataset using various plots and doing analysis on that.
21/09	Model Building 1.Building the model using suitable machine learning algorithm 2.Training and testing the model	Rajeshwari K Nivetha A Renuka S Priyadharshni K	In -Progress	Using certain algorithms to build the model. Those algorithms include 1.Linear regression

28/09	Dashboard Creation	Rajeshwari K Nivetha A Renuka S Priyadharshni K	Completed	Dashboard for visualizing the port status will be developed.
7/10	Ideation Phase 1. Litreature survey on the selected project and information gathering. 2. Prepare the empathy map. 3. Ideation	Rajeshwari K Nivetha A Renuka S Priyadharshni K	Completed	Start the ideation process
10/10	Project Design Phase -1 1. Proposed solution. 2. Prepared fit solution 3. Solution Architecture	Rajeshwari K Nivetha A Renuka S Priyadharshni K	Completed	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.
12/10	Project Design Phase -2 1. Customer journey. 2. Functional requirements 3. Data flow diagram. 4. Technology architecture	Rajeshwari K Nivetha A Renuka S Priyadharshni K	Completed	Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit) ,Functional requirements and construct architecture
31/10	Project Planning Phase 1.Milestone Activity List 2.Sprint Delivery plan	Rajeshwari K Nivetha A Renuka S Priyadharshni K	Completed	Prepare milestone activity list and sprint delivery plan for outline of work flow
02/11	Project Development Phase 1.Sprint -1 2.Sprint-2 3.Sprint-3 4.Sprint-4	Rajeshwari K Nivetha A Renuka S Priyadharshni K	In-Progress	Plan of each task sprint to be developed.