

Project Planning phase

Prepare Milestone and Activity List

Date	31 October 2022
Team ID	PNT2022TMID00308
Project Name	Project- Traffic and Capacity Analytics for Major Ports

DATE	MILESTONE	ASSIGNEE	STATUS	DESCRIPTION
31/08/2022	Data Collection-Download dataset	Logesh J Jeya Prakaash Lijo Ferninand Mathesh Raju	Completed	The dataset for Traffic and Capacity Analytics is to be collected. The dataset which is considered will have the port information
7/09/2022	Data Pre-processing 1.Renaming the column names 2.Preparing calculations 3.Checking for NULL values 4.Checking for outliers 5.Summarization of dataset 6. Label Encoding	Logesh J Jeya Prakaash Lijo Ferninand Mathesh Raju	Completed	Preprocessing involves renaming the existing column names into meaningful one, preparing calculations such as calculating traffic percent, checking for NULL values in the dataset.
14/09/2022	Visualizing the dataset	Logesh J Jeya Prakaash Lijo Ferninand Mathesh Raju	Completed	Visualizing the dataset involves plotting the dataset using various plots and doing analysis on that.
21/09/2022	Model Building 1. Building the model using suitable machine learning algorithm 2. Training and testing the model	Logesh J Jeya Prakaash Lijo Ferninand Mathesh Raju	In -Progress	Using certain algorithms to build the model. Those algorithms include 1.Linear regression

28/09/2022	Dashboard Creation	Logesh J Jeya Prakaash Lijo Ferninand Mathesh Raju	Completed	Dashboard for visualizing the port status will be developed.
7/10/2022	Ideation Phase 1. Literature survey on the selected project and information gathering. 2. Prepare the empathy map. 3. Ideation	Logesh J Jeya Prakaash Lijo Ferninand Mathesh Raju	Completed	Start the ideation process
10/10/2022	Project Design Phase -1 1. Proposed solution. 2. Prepared fit solution 3. Solution Architecture	Logesh J Jeya Prakaash Lijo Ferninand Mathesh Raju	Completed	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.
12/10/2022	Project Design Phase -2 1. Customer journey. 2. Functional requirements 3. Data flow diagram. 4. Technology architecture	Logesh J Jeya Prakaash Lijo Ferninand Mathesh Raju	Completed	Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit) , Functional requirements and construct architecture
31/10/2022	Project Planning Phase 1. Milestone Activity List 2. Sprint Delivery plan	Logesh J Jeya Prakaash Lijo Ferninand Mathesh Raju	Completed	Prepare milestone activity list and sprint delivery plan for outline of work flow
02/11/2022	Project Development Phase 1. Sprint -1 2. Sprint-2 3. Sprint-3 4. Sprint-4	Logesh J Jeya Prakaash Lijo Ferninand Mathesh Raju	In-Progress	Plan of each task sprint to be developed.

Milestone 1
31/08/2022

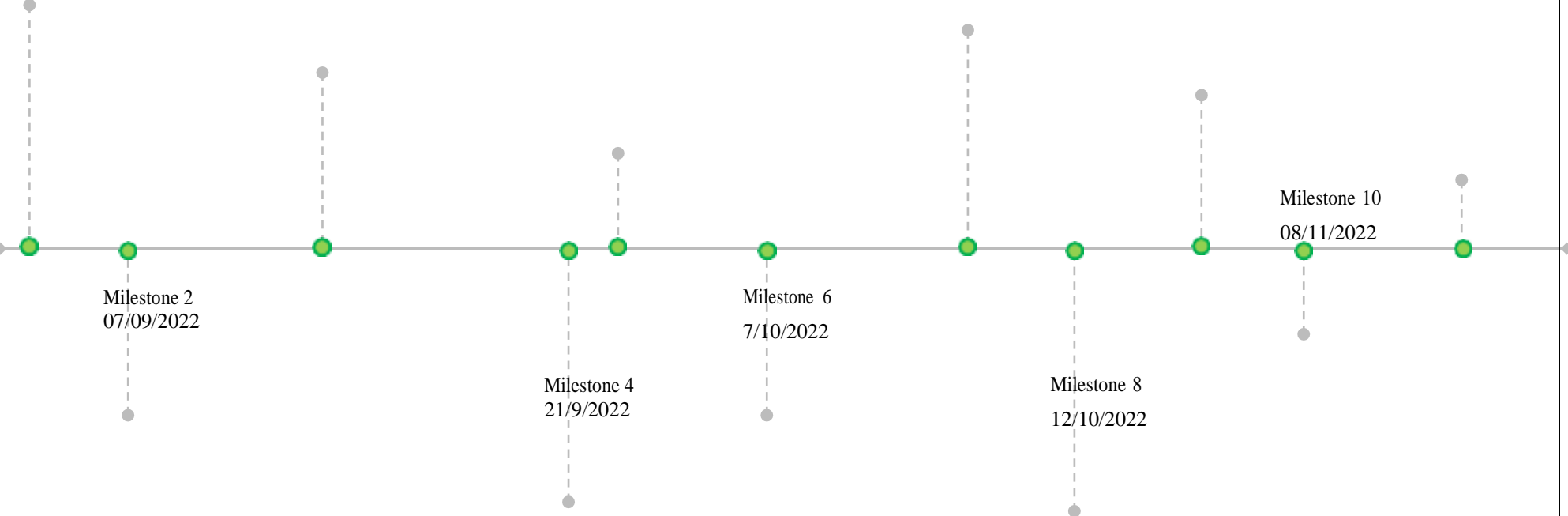
Milestone 3
14/9/2022

Milestone 5
28/09/2022

Milestone 7
10/10/2022

Milestone 9
31/10/2022

Project Complete
19/11/2022



Milestone 2
07/09/2022

Milestone 4
21/9/2022

Milestone 6
7/10/2022

Milestone 8
12/10/2022

Milestone 10
08/11/2022