PROJECT PLANNING PHASE

MILESTONES AND TASKS

Date	**27 October 2022**
Team ID	**PNT2022TMID21528**
Project Name	**Project – Global Sales Data Analytics**
Maximum Marks	**8 Marks**

SPRINT	MILESTONES	TASKS
1	MILESTONE-1	❖ Understanding the dataset. ❖ Data Cleaning ❖ Data Transformation
1	MILESTONE-2	❖ Explore the data. ❖ Visualization of the data using thepython libraries. ❖ Finding correlations between variousattributes using heat maps.
1	MILESTONE-3	❖ Creating the interactive dashboard andreports using IBM cognos. ❖ Display the insights in the dashboard.

2	MILESTONE-4	❖ Training a model using a preferredmulticlass classification algorithm. ❖ Classifying the Length of stay classusing an algorithm.
2	MILESTONE - 5	❖ Compute confusion matrix ❖ Calculate precision, recall and accuracy.
3	MILESTONE-6	❖ Creating a rough sketch for the UI. ❖ Designing an UI for the applicationusing mockflow. Evaluate the UI design
3	MILESTONE - 7	❖ Implementing frontend for dashboard. ❖ Implementing frontend for user responseform ❖ Implementing the frontend for profilepage ❖ Implementing the front end for gettingthe user data for prediction
3	MILESTONE - 8	❖ Implementing backend for theapplication ❖ Integrating the prediction model with theUI design
4	MILESTONE - 9	❖ Creating a rough sketch for the UI of theadmin page. ❖ Designing an UI for the admin pageusing mockflow. ❖ Evaluate the admin page UI design
4	MILESTONE - 10	❖ Implementing frontend for admindashboard. ❖ Implementing frontend to view userresponses. ❖ Implementing the front end to edit datain the dataset ❖ Implementing the front end to monitorthe accuracy
4	MILESTONE - 11	❖ Import necessary libraries, initiate theflask app and load the ML model. ❖ Define the app router for the application. Redirect the API to predict the LOS.

4	MILESTONE - 12	❖ Deploy the application in cloud