Team ID	PNT2022TMID21499
Project Name	Analytics for Hospitals' Health-Care Data

Milestone and Activity List

SPRINT	MILESTONE	TASKS
Sprint 1	Milestone 1	Understanding the dataset, Data Cleaning, Data Transformation
Sprint 1	Milestone 2	Explore the data, Visualization of the data using the python libraries, Finding correlations between various attributes using heat maps
Sprint 2	Milestone 3	Creating the interactive dashboard and reports using IBM cognos, Display the insights in the dashboard
Sprint 2	Milestone 4	Training a model using a preferred multiclass classification algorithm, Classifying the Length of stay class using an algorithm
Sprint 2	Milestone 5	Compute confusion matrix, Calculate precision, recall and accuracy
Sprint 3	Milestone 6	Designing an UI for the application, Evaluate the UI design
Sprint 3	Milestone 7	Implementing Frontend and the Backend, Integrating the prediction model with the UI design
Sprint 3	Milestone 8	Implementing frontend to view user Responses, Implementing the front end to edit data in the dataset, Implementing the front end to monitor the accuracy
Sprint 4	Milestone 9	Import necessary libraries, initiate the flask app and load the ML model, Define the app router for the application, Redirect the API to predict the LOS
Sprint 4	Milestone 10	Deploy the application in cloud