Project Planning Phase
Milestone and Activities

Date	1 November 2022
Team ID	PNT2022TMID02327
Project Name	Project - Smart Lender - Applicant Credibility Prediction for Loan Approval
Maximum Marks	4 Marks

Milestones and Activities:

MILESTONE 1 - Installing Required Libraries.

MILESTONE 2 - Data Collection.

ACTIVITIES

- Collect the dataset **MILESTONE 3** - Data Pre-processing.

ACTIVITIES

- Importing the Libraries.
- Importing the dataset.
- Understanding Data Type and Summary of features. ● Taking care of missing data ● Data Visualization.
- Drop the column from Data Frame & replace the missing value. ● Splitting the Dataset into Dependent and Independent variables ● Splitting Data into Train and Test.

MILESTONE 4 - Model Building

ACTIVITIES

- Naive Bayes Model
- Decision Tree Model
- KNN Model
- Comparison of models
- Evaluating the performance of models
- Saving the models

MILESTONE 5 - Application Building

ACTIVITIES

- Building Html Pages
- Build Python Code
- Run the Application

MILESTONE 6 - Final UI

ACTIVITIES

- Dashboard Of the flask app.

MILESTONE 7 - Train the Model on IBM

ACTIVITIES

- Registering For IBM
- Training The ML Model On IBM
- Integrate Flask with Scoring End Point