

## Project Planning Phase Milestone and Activities

Date	1 November 2022
Team ID	PNT2022TMID51373
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