

**Project Planning Phase  
Milestone & Activity List**

Date	1 November 2022
Team ID	PNT2022TMID13268
Project Name	Smart Lender Applicant Credibility Prediction for Loan Approval
Maximum Marks	4 Marks

**Milestone 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 Datasets.
- 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
- Comparing of Models
- Evaluating the performance of Model
- 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