

Project Planning Phase

Milestone and Activities

Date	19 October 2022
Team ID	PNT2022TMID13022
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 dataset
- Understanding data type and summary of features
- Taking care of missing data
- Data visualization
- Drop the column from data frame and replace the missing value
- Splitting the dataset into dependent and independent variables
- Splitting data into train and test

MILESTONE 4 – Model Building

ACTIVITIES

- Random Forest
- Xgboost
- 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