

## Project Planning Phase

### Milestone and Activities

Date	22 October 2022
Team ID	PNT2022TMID01198
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 model

**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

S.NO	ACTIVITY TITLE	ACTIVITY DESCRIPTION	DURATION
1	Understanding the project	Assign the team members after that create repository in the GitHub and then assign task to each member and guide them how to access the GitHub while submitting the assignments	1 week
2	Starting the Project	Team Members to assign all the tasks based on sprints and work on it accordingly.	1 week
3	Completing Every Task	Team leader should ensure that whether every team member has completed the assigned task or not.	1 week
4	Deadline	Ensure that team members are completing every task within the deadline.	1 week