**Project Planning Phase**
**Milestone and Activities**

| Date | 22 OCTOBER 2022 |
|---|---|
| Team ID | PNT2022TMID35604 |
| Project Name | Project - Smart Lender - Applicant Credibility Prediction for Loan Approval |
| Maximum Marks | 4 Marks |

**Milestones and Activities:**

**MILESTONE 1** - Installing Required Libraries for the model.

**MILESTONE 2** - Data Acquiring.

*ACTIVITIES*

- Collect the dataset

**MILESTONE 3** - Data Pre-processing.

*ACTIVITIES*

- Importing the Libraries.
- Downloading the dataset.
- Understanding the Dataset 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