**PROJECT DEVELOPMENT PHASE**

**PROJECT FLOW**

|  |  |
| --- | --- |
| DATE | 29 October 2022 |
| TEAM ID | PNT2022TMID28895 |
| PROJECT TITLE | Smart Lender - Applicant Credibility Prediction for Loan Approval |
| TEAM MEMBERS | |  |  | | --- | --- | | KOTHAI S | 411719104029 | | SHARMILA K | 411719104046 | | KALAIVANI L | 411719104021 | | ASHMITHA R | 411719104004 | |

**Smart Lender - Applicant Credibility Prediction for Loan Approval**

**Project Flow**

**Install Required Libraries.  
Data Collection.**  
·      Collect the dataset or Create the dataset  
**Data Preprocessing.**  
·      Import the Libraries.  
·      Importing the dataset.  
·      Understanding Data Type and Summary of features.  
·      Take 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.  
   
**Model Building**  
·      Training and testing the model  
·      Evaluation of Model  
·      Saving the Model  
**Application Building**  
·      Create an HTML file  
·      Build a Python Code  
**Final UI**  
·      Dashboard Of the flask app.