

Project Planning Phase

Milestone and Activity List

Date	03 October 2022
Team ID	PNT2022TMID13933
Project Name	Project -Smart Lender - Applicant Credibility Prediction for Loan Approval
Maximum Marks	4 Marks

Assign the task to team members by team leader and then guide them properly to do the assigned task. Submit all the tasks in Github repository.

Milestone	Task	Duration
Milestone 1	Installing Software	2 days
Milestone 2	Data Collection <ul style="list-style-type: none">● Collect the dataset	2 days
Milestone 3	Data Pre-Processing <ul style="list-style-type: none">● Importing the Libraries.● Importing the dataset.● Handling 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.	2 weeks
Milestone 4	Model Building <ul style="list-style-type: none">● Decision Tree Model● KNN Model● Random Forest Model● Xgboost Model● Comparison of models● Evaluating the performance of model● Saving the model	3 weeks
Milestone 5	Application Building <ul style="list-style-type: none">● Building Html Pages● Build Python Code● Run the Application	4 weeks
Milestone 6	Design phase <ul style="list-style-type: none">● Proposed Solution● Technology Architecture● Functional Requirements	3 weeks

	<ul style="list-style-type: none"> • Data Flow Diagrams • Problem Solution Fit • Solution Architecture 	
Milestone 7	Integrate Flask	2 Weeks
Milestone 8	Development Phase <ul style="list-style-type: none"> • Sprint Delivery plan 	4 weeks
Milestone 9	Train The Model on IBM	4 days
Milestone 10	Testing	2 weeks

