Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	16 October 2022
Team ID	PNT2022TMID20210
Project Name	Project - Smart Lender - Applicant Credibility Prediction for Loan Approval
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User interaction	User must be able to view the home page of the website
FR-2	User input	User must be able to enter all his details in the fields.
FR-3	Data verification	The data entered by the user should be in correct format as required by the trained model
FR-4	Retrieving Values	The application must be able to retrieve the values present in the fields
FR-5	Predicting	The most accurate model is chosen for prediction
FR-6	Displaying the result	The prediction result is displayed in the User Interface.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system must be easy to use. The user must be able to enter their data easily.
NFR-2	**Security**	Users' data must not be misused.
NFR-3	**Reliability**	The system should function without crashing.

		The system's reliability must be ensured
NFR-4	**Performance**	The system must be able to withstand erroneous data and provide suitable messages.
NFR-5	**Availability**	The system must be available at all times.
NFR-6	**Scalability**	The system should be open for future developments, such as creating a login and storing data.