

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID10329
Project Name	Smart Lender - Applicant Credibility Prediction for Loan Approval Proposed Solution
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 Registration	Registration through Form Registration through Gmail
FR-2	User Login	Login using username and password
FR-3	User View Procedure	User will find the complete details and steps for applying loan
FR-4	User Application	User upload their details and document proof
FR-5	Data verification	The data entered by the user should be in correct format as required by the trained model
FR-6	Loan prediction	Predicts the eligibility of loan
FR-7	Credit Verification	Bank verifies the user details and documents and approves loan
FR-8	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	A tight security should be there in the system particularly for the customer's documentation and the personal details
NFR-3	Reliability	It is the measure of credibility based on the customer's documents.
NFR-4	Performance	It defines how the software system performs certain functions based on specific conditions.
NFR-5	Availability	It defines how long the System can be unavailable without impacting the operations.
NFR-6	Scalability	It is the measure of the system to increase or decrease the performance and cost in response

