

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

Date	03 October 2022
Team ID	PNT2022TMID27580
Project Name	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 Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User credit score check	Confirmation via our proprietary software which evaluates.
FR-4	User enters loan details	Validated by bank or financial institution.
FR-5	Fund transfer By the bank to customer	Payment sent through systems such as NEFT or IMPS.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The application will be easy to use with a neat and clean interface.
NFR-2	Security	Safe encryption of data is done to ensure customer data safety.
NFR-3	Reliability	The machine learning model provides an accurate credit check.
NFR-4	Performance	Sleek and higher order functions ensure fast running and also low time complexity.
NFR-5	Availability	All banks, financial institutions and customers will be able to use the application.
NFR-6	Scalability	The application is very scalable and runs across operating systems.