

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

Team ID	PNT2022TMID21336
Project Name	Smart Lender - Applicant Credibility Prediction for Loan Approval
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements for the proposed solution.

FR No.	Functional Requirement	Sub Requirement
FR-1	User Registration	Registration through Form Registration through Gmail Registration through Bank Website
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User credit score	Confirm the CIBIL score of the client using banking applications and re-verify it.
FR-4	User enters loan details	Validated by bank or financial institution.
FR-5	Fund transfer By the bank to customer	Payment sent through the bank through NEFT, IMPS, DEMAT account etc.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The application must be easily accessible even with low network speed.
NFR-2	Security	Data must be private and must not be available to any 3 rd parties, also they must be encrypted safely.
NFR-3	Reliability	The machine learning module provides a reliable source for safe transaction.
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.