

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

Date	25 October 2022
Team ID	PNT2022TMID12860
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 In-Person Confirmation
FR-3	User Requirements	Knowledge on how to Input Data Basic idea on using a Machine Learning Model
FR-4	User Infrastructure	A system with suitable CPU and GPU to support training and deployment of ML model.
FR-5	Final Result Visualization	Generated results will be visible to the admin through a Web server.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It can be used by all Lenders (i.e., Banks) and can be trained specifically with respect to the Location's Financial Stability.
NFR-2	Security	Storage and Transfer is secure via Encryption Methodologies.
NFR-3	Reliability	The Predicted Credibility is highly reliable than Manual Identification.
NFR-4	Performance	The Performance relies on Input Dataset.
NFR-5	Availability	Can be made available as a Software.
NFR-6	Scalability	Can be scaled for more branches of the same Lender and the dataset can be shared.