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

Date	28 October 2022
Team ID	PNT2022TMID10544
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.	Non-Functional Requirement	Description
NFR-1	**Usability**	The error rate of users submitting their details at the checkout page mustn't exceed 10 percent.
NFR-2	**Security**	Authorization access scenarios and definitions, hand-over procedures for Student records between University.
NFR-3	**Reliability**	Physical and technical environment constraints including integration and portability concerns.
NFR-4	**Performance**	• Speed, reliability, and capacity of the system. • The landing page supporting 5,000 users per hour

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Applicant Registration	Registration through Form Registration through Gmail Registration through LinkedIN
FR-2	Applicant Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Applicant Data export process	A Process where applicant admin taking member data from bank to be analysed in web applicant.
FR-4	Applicant Data Management	Web portal admin is able to add, edit, or erase applicant data or user data.
FR-5	Bank Data Management	Web Portal admin is able to add, edit, or erase Bank data or eligibility criteria.
FR-6	**Compliance requirements**	Application might need to comply with several regulations. These could include data privacy, information security, transparency, and various other aspects. Document them in detail.
FR-7	**Data Retention**	• Proposed application system handling archival, retrieval, and retention of historical data. • Provide sufficient details concerning these are process.

Non-functional Requirements:

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

		must provide 6 second or less response time in a Chrome desktop browser, including the rendering of text and images and over an LTE connection.
NFR-5	**Availability**	The web dashboard must be available to US and IND user 99.98 percent of the time every month during business hours EST & IST.
NFR-6	**Scalability**	• Horizontal scaling is provided by adding more machines to the pool of servers. • Vertical scaling is achieved by adding more CPU and RAM to the existing machines.
NFR-7	Cultural and Political	Cultural, political, and legal factors affecting the system including best-practice standards, government regulations, professional standards, location specific policies and practices
NRF-8	Portability	A program running on Windows 10 must be able to run on Windows 11 without any change in its behaviour and performance.