

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

Date	03 October 2022
Team ID	PNT2022TMID22689
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 for Loan Application using Mail Id, password, phone number
FR-2	User Applying	<ul style="list-style-type: none"><li>• User-friendly application and easy to interact with system</li><li>• Easy to access</li><li>• Apply for loan Application form</li></ul>
FR-3	Loan details	<ul style="list-style-type: none"><li>• Check the loan details</li><li>• Status of loan availability</li></ul>
FR-4	Customer service	For applicant can need any help can call customer service number
FR-5	User credit score check	<ul style="list-style-type: none"><li>• Evaluates through our proprietary software which evaluates</li></ul>
FR-6	Result	Loan approved or not

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The application will be easy to use with a neat and clean interface.
NFR-2	<b>Security</b>	Safe encryption of data is done to ensure customer data safety
NFR-3	<b>Reliability</b>	The machine learning model provides an accurate credit check.

NFR-4	<b>Performance</b>	As soon as bugs are found, they will be corrected, making the application even more reliable and trustworthy.
NFR-5	<b>Availability</b>	<ul style="list-style-type: none"> <li>• All banks, financial institutions and customers will be able to use the application.</li> <li>• Customer care</li> <li>• chat bot</li> </ul>
NFR-6	<b>Scalability</b>	As the user base expands, cross-platform mobile applications might be created in the future.