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

Date	03 October 2022
Team ID	PNT2022TMID34269
Project Name	Project - Smart lender Applicant credibility 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	Home Page	• Smart Lender Applicant Credibility description • Information about Credibility details required for loan approval • if new user , REGISTER • if already exists, SIGN IN
FR-2	User Registration	Enter Mail Id and other personal details required for Registering
FR-3	User login	User Mail Id and Password for Login
FR-4	Loan Approval form	Credibility details should be entered for prediction
FR-5	Result	if Approved - It display the information about what is done to be next. if Not Approved - It display the information about what rejection criteria you are not eligible for the loan.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	If the customer is eligible,he/she should be able to receive the acknowledgement receipt for loan application within 7 days from the bank.If not,then he/she should be intimated with the reason for rejection.
NFR-2	**Security**	Check if the customer has any fraudulent history.
NFR-3	**Reliability**	Customer's financial status plays a crucial role.So the customer should have a good credit score.
NFR-4	**Performance**	By training the model using different ML algorithms ,the performance of the system can be increased.
NFR-5	**Availability**	The loan will be available easily to those persons who have high income and to those who assure to repay the high sum within short period of time.
NFR-6	**Scalability**	The customer should be between 21 to 60 age.And based on customer's capacity to handle their expenses.