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

Date	03 October 2022
Team ID	PNT2022TMID36990
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.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form
FR-2	User Confirmation	Confirmation via Email Confirmation via SMS
FR-3	Detail collection	Details provided by user should be taken as input for the model
FR-4	Prediction Model	The prediction model predicts the applicant credibility prediction for loan approval
FR-5	User Review	Review through forms Quick review through ratings

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The website is made readily available and is useful to the applicants who wish to predict their credibility for loan approval.
NFR-2	**Security**	The user may have a doubt on the privacy of their loan details hence a Well defined mechanism is used to maintain all the details provided securely.
NFR-3	**Reliability**	The reliability is ensured by the accuracy of our prediction model.Since we build 4 models and choose the best and accurate one, Accuracy could be guaranteed up to a great extent.
NFR-4	**Performance**	The prediction model takes the necessary details from the user and does the prediction within minutes and with accuracy.
NFR-5	**Availability**	The website ensures availability to every user and the server may handle multiple requests at the same time without any delays.
NFR-6	**Scalability**	The website scales the load itself according to the usage of applicants.