

**Project Design Phase-I**  
**Proposed Solution Template**

Date	09 November 2022
Team ID	PNT2022TMID04175
Project Name	Smart Lender - Applicant Credibility Prediction for Loan Approval
Maximum Marks	2 Marks

**Proposed Solution :**

These solution template relates the current situation to a desired result of this project and also describe the benefits acquire when desired result is achieved

S.No.	Parameter	Description
1	Problem Statement (Problem to be solved)	Inclined to human blunders. Time utilization is high, Parcel of paper works. Poor client care because of absence of labor. Tracking or checking the status is difficult.
2	Idea / Solution description	Following or checking the status turns out to be simple. Decrease the potential for human mistake. Time utilization of the interaction will be decreased. Diminishes the desk work to paperless. Work on the adequacy of client care groups. Fair qualification expectation. Profoundly adaptable and give information driven choices to partner and more significant position. We will prepare and test the information with these calculations, tune by hyper parameter tuning .From this the above thoughts are executed. A constant source of profits is the evidence for any lender that you are capable of repaying your non-public loan.
3	Novelty / Uniqueness	When the fundamental information are given, the model will anticipate whether to approve the loan or not - By utilization of transfer learning. An computerized customer support system will help the user and guide them through the loan approval process.
4	Social Impact / Customer Satisfaction	Quite possibly of the main component which influence our nation's economy and financial condition is the credit framework represented by the banks. As we probably are aware credit risk assessment is extremely essential, there is an assortment of techniques are utilized for risk level estimation. In expansion, credit risk is one of the fundamental elements of the banking community. In the absence of a job, make sure which you have other sources of income.

5	Business Model (Revenue Model)	<p>This model can be created by least expense at a similar time it will give the max execution, higher exactness and the outcome will be more effective than traditional techniques.</p> <p>Can monetize capabilities like viewing multiple banks or applying for more than one banks or we can also have subscriptions once we hit a sure person fee.</p>
6	Scalability of the Solution	<p>Banks need not to go through the background verification process of the candidate by utilizing this model.</p> <p>The model will anticipate the clients information also, their characteristics like salary , credit score, etc.</p>