

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

Date	02 NOVEMBER 2022
Team ID	PNT2022TMID53325
Project Name	Project - Smart Lender - Applicant Credibility Prediction For Loan Approval
Maximum Marks	2 Marks

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To accurately predict the credibility of a candidate for loan approval.
2.	Idea / Solution description	Develop a machine learning model that can not only classify an applicant based on credibility but also provide further details regarding the decision or applicant.
3.	Novelty / Uniqueness	The model will perform multi-label classification and provide additional parameters supporting the loan approval decision that it will give.
4.	Social Impact / Customer Satisfaction	The product will help predict and automate loan approvals reliably and understand the decision as well. It will also account for uncommon circumstances and diverse situations.
5.	Business Model (Revenue Model)	Freemium Model
6.	Scalability of the Solution	The model can be adapted by any banking organization with ease. Classification will be generalized as much as possible but the process can be very customized.