

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

Date	24 September 2022
Team ID	PNT2022TMID32553
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)	The banking and finance people who are giving 100's of loans to their applicant will predict, if the applicant is eligible or non eligible for the loan approval.
2.	Idea / Solution description	Using data visualization , machine learning algorithm ,the stakeholder will make data driven decision from this project.
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>• We will create a model to monitor compliance with the loan agreement and other customer service needs.</li><li>• In our model, there is no need to recollect details like PAN and Aadhar.</li></ul>
4.	Social Impact / Customer Satisfaction	From the analysis of data, it's very clear that it reduces all the frauds done at the time of loan approval.
5.	Business Model (Revenue Model)	It's quite efficient and reliable model which will not only reduce the time of the bank but also reduce the waiting time of the customer.
6.	Scalability of the Solution	It's possible to make changes to software, which can accept new testing data and should also take part in training data and predict accordingly. In future prediction, module can be more improved and integrated .