

**Project Design Phase-I**  
**Solution Architecture**

Date	26 October 2022
Team ID	PNT2022TMID41584
Project Name	Smart Lender - Applicant Credibility Prediction for Loan Approval.
Maximum Marks	4 Marks

**Solution Architecture:**

- The primary goal in the banking industry is to place their funds in safe hands. So, the system needs to verify the documents effectively and should ensure that only capable people get the loan.
  - The model should be trained to produce results with satisfactory accuracy, after which it produces accurate results as to whether a borrower should be lent money or not without any tedious manual work.
  - The users can get the results in the comfort of their home.
  - The system should reduce risk to both the bank and the customer.
  - The model can anticipate outcomes and is quickly adaptable to a wide range of inputs. Also, this strategy saves the banking industry and its staff a significant amount of time.
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- The system should reduce risk to both the bank and the customer.so these are common points for solution architecture for smart lender.
  - A Healthy Credit Score. Your credit score is extremely crucial in the approval of your personal loan.
  - **Employment Status:** Apart from a good credit history lenders also check for your steady income and employment status.

## Solution Architecture diagram:





