

Project Title: Smart Lender - Applicant Credibility Prediction For Loan Approval
Project Design Phase-I - Solution Fit Template
Team ID: PNT2022TMID45822

1. CUSTOMER SEGMENTS

- Bankers
- Under write Loan Officer
- Banking Organization

CS

6. CUSTOMER

- Slow progress due to manual checking and approval.
- Errors committed during the credibility check due to the sheer amount of data and the large number of applications.

C

5. AVAILABLE

- Existing machine learning models that are not reliable and fail in abnormal

AS

2. JOBS-TO-BE-DONE /

- Providing accurate and reliable prediction under abnormal situations.
- Providing detailed classification rather than a simple yes or no.

J&P

9. PROBLEM ROOT

- Lack of accountability and understanding of the automated decisions the models make by the users.
- Failure of models in special situations such as when the loan seeker has no credit history or has a unique history.

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7.

- Hastens the approval process.
- Hires additional man-power.

L

3. TRIGGERS

When the workload of loan approval becomes too much to handle manually.

TR

4. EMOTIONS: BEFORE / AFTER

BEFORE: Frustrated and bored.
AFTER: Fied and exhausted.

EM

10. YOUR SOLUTION

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.

SL

8. CHANNELS of BEHAVIOUR

8.1 ONLINE

They apply for loans and fill out there details.

8.2 ONLINE

Seek application verification and approval.

CH

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