

Project Title: Smart Lender - Applicant Credibility Prediction For Loan Approval
Project Design Phase-I - Solution Fit Template
Team ID: PNT2022TMID35651

Define CS, fit into J&P	<div>1. CUSTOMER SEGMENT(S)<div>CS</div><ul style="list-style-type: none">BankersUnderwriter Loan OfficersBanking Organization</div>	<div>6. CUSTOMER CONSTRAINTS<div>CC</div><ul style="list-style-type: none">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.</div>	<div>5. AVAILABLE SOLUTIONS<div>AS</div><ul style="list-style-type: none">Existing machine learning models that are not reliable and fail in abnormal situations</div>	Explore AS, differ from BE
	<div>2. JOBS-TO-BE-DONE / PROBLEM<div>J&P</div><ul style="list-style-type: none">Providing accurate and reliable prediction under abnormal situations.Providing detailed classification rather than a simple yes or no.</div>	<div>9. PROBLEM ROOT CAUSE<div>RC</div><ul style="list-style-type: none">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.</div>	<div>7. BEHAVIOUR<div>BE</div><ul style="list-style-type: none">Hastens the approval process.Hires additional man-power.</div>	
Focus on J&P, tap into BE, understand RC	<div>3. TRIGGERS<div>TR</div><p>When the workload of loan approval becomes too much to handle manually.</p></div>	<div>10. YOUR SOLUTION<div>SL</div><p>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.</p></div>	<div>8. CHANNELS of BEHAVIOUR<div>CH</div><div>8.1 ONLINE</div><p>They apply for loans and fill out their details.</p><div>8.2 OFFLINE</div><p>Seek application verification and approval.</p></div>	
	<div>4. EMOTIONS: BEFORE / AFTER<div>EM</div><p>BEFORE: Frustrated and bored. AFTER: Tired and exhausted.</p></div>			

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