**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID35651 |
| 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.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | To accurately predict the credibility of a candidate for loan approval. |
|  | 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. |
|  | Novelty / Uniqueness | The model will perform multi-label classification and provide additional parameters supporting the loan approval decision that it will give. |
|  | 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. |
|  | Business Model (Revenue Model) | Freemium Model |
|  | 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. |