**Ideation Phase**

**Define the Problem Statements**

| **Date** | **19 September 2022** |
| --- | --- |
| **Team ID** | **PNT2022TMID49425** |
| **Project Name** | **Smart lender applicant credibility for loan** |
| **Maximum marks** | **2mark** |
| **Team Members** | **M.Pooja(Team leader)**  **G.Mohanapriya**  **R.Sivasathya**  **M.Yuvarani** |

**Customer Problem Statement Template**:

**Understanding the Problem Statement**

Dream Housing Finance company deals in all kinds of home loans. They have a presence across all urban, semi-urban and rural areas. The customer first applies for a home loan and after that, the company validates the customer eligibility for the loan.

The company wants to automate the loan eligibility process (real-time) based on customer detail provided while filling out online application forms. These details are Gender, Marital Status, Education, number of Dependents, Income, Loan Amount, Credit History, and others.

To automate this process, they have provided a dataset to identify the customer segments that are eligible for loan amounts so that they can specifically target these customers.

You can find the complete details about the problem statement here and also download the training and test data.

| **I am** | Expecting the lending with proper system without any financial loss | The customer is expecting a smart system and predicting the eligibility of clients |
| --- | --- | --- |
| **I am trying to** | To achieve the loan prediction and to make the loans and raise funds to the common people | To achieve and avoid the persons financial crisis and to make the next step for career (or) development |
| **But** | In this prediction the dataset should be trained and tested without any errors and accuracy should be higher | The dataset training and testing should be precise if not the person cannot get loans |
| **Because** | This problem can be resolved by using the machine learning | The problem can be resolved by logistic regression, machine learning, concept |
| **Which makes me feel** | The person can develop in the society with great entrepreneurship | Sometimes the people expect loan for developing their career (or)talking the career to next step |