**Ideation Phase**

**Define the Problem Statements**

|  |  |
| --- | --- |
| Date | 25 June 2025 |
| Team ID |  |
| Project Name | Revolutionizing Liver Care: Predicting Liver Cirrhosis using Advanced Machine Learning Techniques. |
| Maximum Marks | 2 Marks |

**Customer Problem Statement Template:**

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you’ll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

Graphical user interface, text, application, email

Description automatically generated

Reference: <https://miro.com/templates/customer-problem-statement/>

**Example:**

Chart, treemap chart

Description automatically generated

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Problem Statement (PS)** | **I am (Customer)** | **I’m trying to** | **But** | **Because** | **Which makes me feel** |
| PS-1 |  |  |  |  |  |
| PS-2 |  |  |  |  |  |

**Problem Statement (PS-1):**

* I am a doctor / health professional I’m trying to diagnose liver cirrhosis early and accurately, but manual diagnosis based on reports is time consuming and sometimes uncertain, because there is no ai based production tool easily integrated into hospital workflows, which makes me feel overburdened and concerned about patient outcomes

**Problem Statement (PS-2):**

* I’m patient with potential liver issues, I’m trying to get an accurate and early diagnosis, but there is no easy way to me to understand or track my liver health, because I rely entirely on hospital visits and do not understand medical terms which makes me feel worried and dependent.