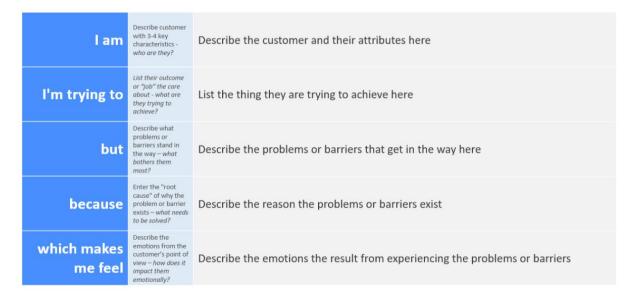
## Ideation Phase Define the Problem Statements

| Date          | 31 January 2025                          |
|---------------|--|
| 02 July 2025  |  |
| Team ID       | LTVIP2025TMID33468                       |
| Project Name  | Predicting Liver Cirrhosis Using Machine |
|               | Learning                                 |
| 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.



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

## **Example:**



| Problem<br>Statement (PS)                                  | I am<br>(Customer)                | I'm trying to   | But   | Because  | Which makes me feel                                       |
|--|-----------------------------------|---|---|--|---|
| Predicting Liver<br>Cirrhosis Using<br>Machine<br>Learning | A general physician               | Accurately detect early-stage liver cirrhosis using lab test data               | I struggle<br>to<br>manually<br>interpret<br>multiple<br>biochemi<br>cal test<br>indicators | I don't have<br>a fast,<br>reliable<br>decision<br>support<br>system | Uncertain and anxious about missing early diagnosis       |
| Automating<br>Liver Health Risk<br>Assessment              | A diagnostic<br>lab<br>technician | Assist doctors by providing accurate liver health risk assessments from reports | I rely heavily on manual analysis of complex test values                                    | There's no intelligent system that can analyze patterns instantly    | Pressured and stressed about delays in generating reports |