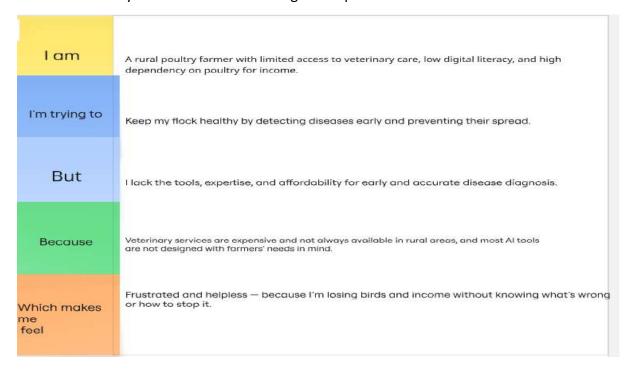
## Ideation Phase Define the Problem Statements

| Date          | 27 June 2025                              |  |  |
|---------------|---|--|--|
| Team ID       | LTVIP2025TMID34246                        |  |  |
| Project Name  | Transfer Learning-Based Classification of |  |  |
|               | Poultry Diseases for Enhanced Health      |  |  |
|               | Management.                               |  |  |
| Maximum Marks | 2 Marks                                   |  |  |

## **Customer Problem Statement Template:**

Rural poultry farmers face significant challenges in identifying diseases at an early stage due to limited access to veterinary care, high diagnostic costs, and lack of technical resources. This often results in delayed treatment, increased mortality, and financial setbacks. There is a clear need for an accessible, cost-effective, and AI-powered diagnostic solution that enables early disease detection through a simple user interface.



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

## **Example:**

| l am                      | I'm trying to                          | But                                    | Because  | Which makes me feel |
|---------------------------|--|--|--|---------------------|
| a rural poultry<br>farmer | detect diseases in my<br>poultry early | I don't have proper<br>tools or skills | veterinary care is<br>costly and unavailable<br>in my area | helpless            |

| Problem<br>Statement (PS)             | I am<br>(Customer)                    | I'm trying to                              | But  | Because   | Which makes<br>me feel   |
|---------------------------------------|---------------------------------------|--|--|---|--------------------------|
| a rural poultry<br>farmer             | detect poultry<br>diseases early      | I don't have<br>the tools or<br>knowledge  | veterinary services<br>are expensive and<br>hard to access | helpless and<br>worried   | helpless and<br>worried  |
| a farmer<br>managing many<br>chickens | a farmer<br>managing<br>many chickens | keep my flock<br>healthy and<br>avoid loss | I can't identify<br>symptoms accurately                    | there's no<br>affordable<br>or<br>accessible<br>diagnostic<br>tool<br>available | frustrated and<br>unsure |