## Ideation Phase Define the Problem Statements

| Date          | 10/09/22                              |  |
|---------------|---------------------------------------|--|
| Team ID       | PNT2022TMID32724                      |  |
| Project Name  | Project – Car Resale Value Prediction |  |
| 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.

| Problem<br>Statement<br>(PS) | I am (Customer)             | I'm trying to  | But  | Because   | Which makes me feel                                     |
|------------------------------|-----------------------------|--|--|---|---|
| PS-1                         | I'm owner of Car<br>Travels | I'm trying to<br>buy a Latest<br>Resale<br>Models of<br>Cars for my<br>Travel<br>agency. | I can't find<br>the one<br>that I<br>expect in<br>local. | There is only few Resale Cars are Available But I want a Bunch of Cars. | Like I should just by a new car instead of resale cars. |

| PS-2 | I'm a Car Seller | I'm trying to | I'm not | My old car   | Like I don't want to sell |
|------|------------------|---------------|---------|--------------|---------------------------|
|      | a car cener      | 1             |         | iii, ola cal | Line i don e mane to sen  |

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.

| lam                    | Describe customer<br>with 3-4 key<br>characteristics -<br>who are they?                            | Describe the customer and their attributes here                             |
|------------------------|--|---|
| I'm trying to          | List their outcome<br>or "Job" the care<br>about - what are<br>they trying to<br>achieve?          | List the thing they are trying to achieve here                              |
| but                    | Describe what problems or barriers stand in the way — what bothers them most?                      | Describe the problems or barriers that get in the way here                  |
| because                | Enter the "root<br>cause" of why the<br>problem or barrier<br>exists – what needs<br>to be solved? | Describe the reason the problems or barriers exist                          |
| which makes<br>me feel | Describe the emotions from the customer's point of view – how does it impact them emotionally?     | Describe the emotions the result from experiencing the problems or barriers |

## **Problem Statements for Smart Fashion Recommender Application**

|      |           | sell a Car<br>with Best<br>Price for my<br>Purpose.  | able to<br>find the<br>value/price<br>of my old<br>car.                          | doesn't have<br>a AC & Auto<br>Pilot Mode<br>So I want to<br>sell it and<br>buy a one.                                  | my old car.   |
|------|-----------|--|--|---|---|
| PS-2 | I'm a Son | I'm trying to<br>buy a Resale<br>Car for My<br>Father who is<br>working in a<br>Factory that<br>is 10km away<br>from my<br>home. | I don't have any idea that I can buy a car with good condition within my budget. | It's my first<br>time buying<br>Resale car<br>and I don't<br>want to<br>embarrass<br>myself<br>Infront of<br>my family. | Like I'm overdoing and overthinking it, just because of a Car for My Father and also for My Family. |

## **Derived Problem Statement:**

User needs a way to know the value/price for resale car on online through all the products available in the platform so that they can save time on surfing through the internet/different platforms.