

## Ideation Phase

### Define the Problem Statements

Date	19-may-2025 To 30-june-2025
Team ID	LTVIP2025TMID49768
Project Name	ShopSmart: Your Digital Grocery Store Experience
Maximum Marks	2 Marks

#### ShopSmart: Your Digital Grocery store Experience: Problem Statement :

Traditional grocery shopping often results in long checkout lines and slow manual billing. Customers struggle to track their spending in real time while moving through the store. There's a lack of digital integration between product selection, billing, and payment. Store staff face challenges in managing inventory and reducing human error. Shoppers desire a faster, more convenient, and contactless shopping experience. There is a need for a smart solution that automates billing, enhances user control, and improves store operations.

Problem Statement (PS)	I am	I'm trying to	But	Because	Which makes me feel
PS-1	a student working on a tech solution to improve grocery shopping.	create a smart cart system that automates billing and simplifies in-store shopping.	traditional shopping is time-consuming, with long queues, manual billing, and no real-time cost tracking.	today's consumers value convenience, speed, and digital payment methods in their shopping experience.	empowered to create a solution that solves real-world problems and improves everyday life.