Project Design Phase
Problem – Solution Fit

Date	19 February 2026
Team ID	LTVIP2026TMIDS45121
Project Name	shopsmart: your digital grocery store experience
Maximum Marks	2 Marks

Problem – Solution Fit Template:

ShopSmart is designed to simplify grocery shopping for busy individuals by providing a seamless digital experience. It addresses the inefficiencies of traditional grocery shopping and fragmented online platforms by offering real-time product availability, secure payments, and centralized management for both users and admins.

Purpose:

- To design and develop a responsive and intuitive grocery web application using React.js.
- To implement secure user authentication and role-based access control using JWT.
- To create RESTful APIs using Node.js and Express.js for handling business logic.
- To design and manage MongoDB database schemas using Mongoose.
- To implement complete product management, cart management, and order processing features.

Table: