Project Design Phase

Problem – Solution Fit Template

Date: 06-12-2025

Team ID: Sanjeevi M

Project Name: ShopEase – E-Commerce Web Application

Maximum Marks: 2 Marks

Problem – Solution Fit Overview:

The Problem–Solution Fit ensures that the ShopEase platform addresses real shopping issues, improves user experience, and supports efficient product management for administrators.

Purpose:

• Provide a reliable and easy-to-use shopping platform.

• Enable users to browse, search, and filter products smoothly.

• Offer secure and order processing.

• Provide admin tools for inventory and order management.

Problem Statement:

• Poor search and ineffective filtering.

• Slow and confusing checkout experiences.

• Lack of transparency in order tracking.

• Complicated admin workflows.

• Difficulty managing product images and inventory.

Solution:

• Product browsing with high-quality images.

• Advanced search filters (category, gender, price).

• JWT authentication for secure login.

• Add-to-cart and seamless checkout.

- Admin dashboard for product and order management.