Project Design Phase
Problem – Solution Fit Template

Date	21 june 2025
Team ID	LTVIP2025TMID29043
Project Name	Cafeteria menu display
Maximum Marks	2 Marks

Problem – Solution Fit Template:

Problem-Solution Fit – Summary

Users in cafeterias—such as students and staff—often face difficulty when reading and selecting menu items due to unclear digital displays, poor organization, and small or unreadable text. This leads to confusion, order mistakes, and a frustrating user experience.

To address this, the project proposes a smart cafeteria menu display system that features:

Clear, categorized menus

Readable fonts and item images

User-friendly navigation

The solution is designed to make ordering faster, easier, and more accurate, improving both customer satisfaction and cafeteria efficiency

Purpose:

Here is a clear and concise Purpose Statement for your Cafeteria Menu Display project:

 Purpose Statement

The purpose of this project is to design and develop a smart cafeteria menu display system that improves the visibility, accessibility, and user experience for individuals ordering food.

By addressing issues like unclear digital displays, poor menu organization, and difficult navigation, the system aims to enable users to quickly view menu options, understand prices, and place accurate orders with ease.

Key Objectives:

Enhance menu readability using better layout and font sizing.

Provide real-time item information including images and prices.

Reduce order errors and improve customer satisfaction.

Support efficient food service operations through a user-centric design.

Template:

Problem-Solution Fit

Section	Details (Example for Cafeteria Menu Display)
Problem	Cafeteria users are facing difficulty reading menu items due to unclear or cluttered digital displays.
Affected Users	Students, staff, and visitors trying to place orders in cafeterias
Current Impact	Leads to confusion, slow ordering, wrong selections, and frustration among users
Root Cause	Poor UI/UX design – small font, lack of visual hierarchy, no item images or categorization
Need	Users need a clear, fast, and user-friendly way to view menu items, prices, and place orders efficiently
Proposed Solution	A smart cafeteria menu display with an intuitive interface, large readable fonts, categorized menus, and item visuals

References:

1. https://www.ideahackers.network/problem-solution-fit-canvas/
2. https://medium.com/@epicantus/problem-solution-fit-canvas-aa3dd59cb4fe