

## Project Design Phase

### Problem – Solution Fit Template

Date: 08 November 2025

Team ID: NM2025TMID05637

Project Name: Medical Inventory Management System

Maximum Marks: 2 Marks

#### Problem – Solution Fit Template:

The Problem–Solution Fit simply means that you have found a problem with your customers and that the solution you have realized for it actually solves the customer's problem. It helps entrepreneurs, marketers, and innovators identify behavioral patterns and recognize what works and why.

#### Purpose:

- Solve complex problems in a way that fits the state of your customers.
- Succeed faster and increase solution adoption by tapping into existing mediums and channels of behavior.
- Sharpen your communication and marketing strategy with the right triggers and messaging.
- Increase touchpoints with your company by finding the right problem-behavior fit and building trust by solving frequent annoyances or urgent or costly problems.
- Understand the existing situation in order to improve it for your target group.

The project 'Medical Inventory Management System' addresses challenges in stock and supply management within healthcare environments. It ensures real-time tracking of medicines, avoids overstocking and shortages, and provides timely alerts for expirations. This system bridges the gap between manual record-keeping and efficient automated control, ensuring accuracy, patient safety, and operational savings.

#### References:

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