Project Design Phase
Problem – Solution Fit Template

Date	07 NOV 2025
Team ID	NM2025TMID08995
Project Name	Garage Management System
Maximum Marks	4 Marks

Problem – Solution Fit Template:

The Problem–Solution Fit means identifying the real pain points of garage owners and customers, and ensuring that the proposed Garage Management System (GMS) effectively addresses those problems. It helps developers and entrepreneurs design practical solutions that improve service efficiency, customer experience, and business operations.

Purpose:

• Solve complex problems in garage operations such as manual record-keeping, delayed communication, and disorganized service tracking.

• Increase efficiency by automating repetitive tasks like customer registration, billing, and vehicle service **scheduling.**

• Improve customer satisfaction by providing real-time updates and transparent billing.

• Strengthen business performance by maintaining accurate data, reports, and performance analytics.

• Help garage owners make informed decisions using data-driven insights and service tracking modules.

Template:

The project "Garage Management System" addresses major challenges in traditional garages where manual work leadsto inefficiency, data loss, and customer dissatisfaction. By developing an automated and centralized platform, garages can handle operations digitally—covering customer details, vehicle information, service history, mechanic assignments, and billing.

The solution introduces modules for:

- Customer & Vehicle Management

- Service Booking & Status Tracking

- Inventory & Spare Parts Management

- Billing & Invoice Automation

- Feedback & Report Generation

This approach enhances accuracy, accountability, and productivity. Garage owners can monitor ongoing services, track parts usage, and generate instant invoices—all from one dashboard. Customers benefit from better communication, faster service, and reliable updates. The successful implementation of the Garage Management System will modernize garage workflows, promote data integrity, and build trust through efficient and transparent operations.

References:

1.   https://www.ideahackers.network/problem-solution-fit-canvas/

2.   https://medium.com/@epicantus/problem-solution-fit-canvas-aa3dd59cb4fe