

Project Design Phase
Problem – Solution Fit Template

Date	19 February 2026
Team ID	LTVIP2026TMIDS87679
Project Name	Steamy Pot – Smart Food Delivery Platform
Maximum Marks	2 Marks

Identified Customer Problem

Online food delivery platforms face operational and personalization challenges that impact both customers and service providers.

Key Problems Identified:

- Users struggle to discover trusted restaurants when traveling to unfamiliar locations.
- Over-reliance on generic public ratings reduces confidence in decision-making.
- Inefficient coordination between users, restaurants, and delivery drivers causes delays.
- Limited real-time synchronization affects order management and inventory accuracy.
- Restaurants face difficulty in managing high-volume online orders efficiently.

These issues reduce user trust, service reliability, and operational efficiency.

Target Customer Segment

- Urban food delivery users
- Travelers visiting new cities
- Restaurant partners seeking operational efficiency
- Delivery drivers requiring structured workflow
- Platform administrators managing ecosystem control

Proposed Solution

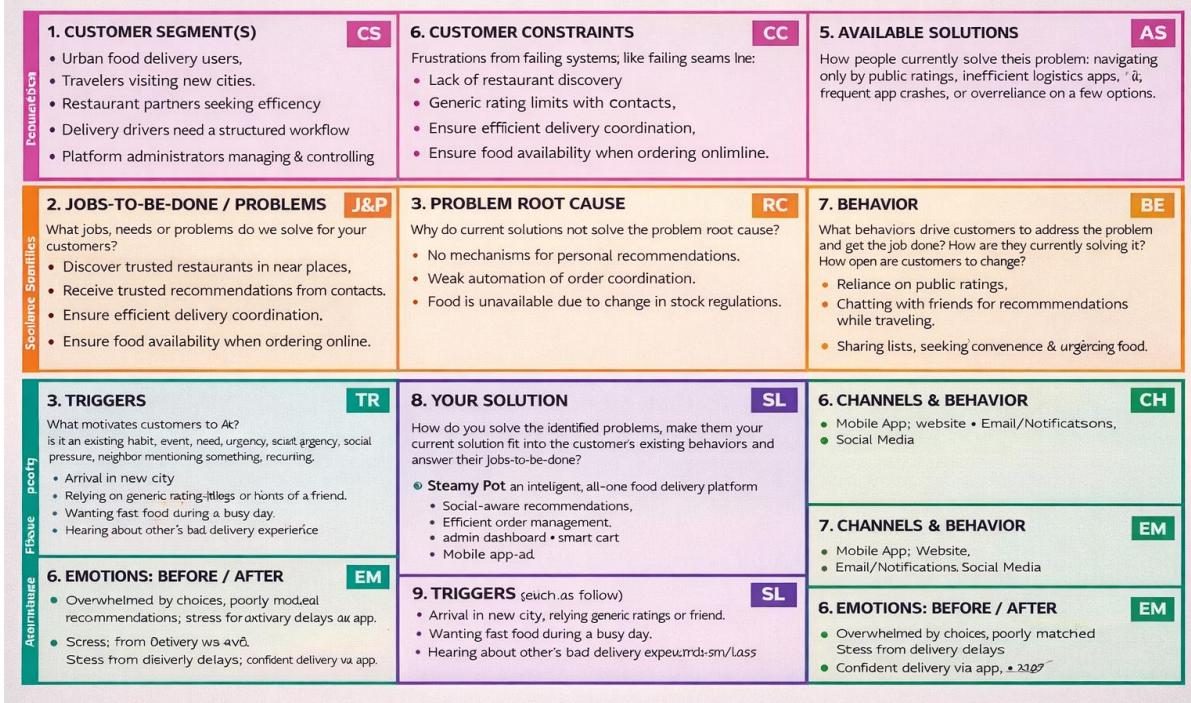
Steamy Pot is a MERN-stack based multi-role food delivery platform designed to address the identified problems through:

- Secure JWT-based authentication and role-based access control
- Structured order lifecycle management system
- Persistent cart architecture
- Intelligent driver assignment mechanism
- Social-aware restaurant recommendation system based on trusted contact signals (with privacy safeguards)
- Admin-controlled onboarding and monitoring system

Template:

Problem – Solution Fit Canvas

Map customer problems to a targeted, value-driven solution for the Steamy Pot – Smart Food Delivery Platform



References:

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