Project Design Phase
Problem – Solution Fit Template

Date	12 June 2025
Team ID	LTVIP2025TMID33015
Project Name	**Traffic Telligence:Advanced Traffic Volume Estimation Using Machine Learning**
Maximum Marks	2 Marks

Problem – Solution Fit Template:

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

Purpose:

- ❑ Solve complex problems in a way that fits the state of your customers.
- ❑ Succeed faster and increase your solution adoption by tapping into existing mediums and channels of behavior.
- ❑ Sharpen your communication and marketing strategy with the right triggers and messaging.
- ❑ Increase touch-points 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.**

Template:

References:
1. Spatio-Temporal Graph Neural Network for Urban Spaces: Interpolating Citywide Traffic Volume.
2. Network-wide Multi-step Traffic Volume Prediction using Graph Convolutional Gated Recurrent Neural Network.