**Project Design Phase**

**Problem – Solution Fit Template**

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| Date | JUNE 19 2025 |
| Team ID | LTVIP2025TMID55459 |
| Project Name | FLIGHT FINDER |
| 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.**

**Problem Statement:**

MANY PEOLE FACE PROBLEMS IN BOOKING FLIGHT TICKETS

**Solution:**

**. dynamic programming helps to find shortest paths from a single source.**

**.greedy algorithms can help in finding minimum spanning tree,which can be used in connecting multiple destinations.**

**.flight finder app using visual studio code can be developed which helps passengers to communicate easily.**