# Project Design Phase

**Problem – Solution Fit Template**

Date: 22/7/2025

Team ID: LTVIP2025TMID30861

Project Name: HealthAI: Intelligent Healthcare Assistant

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:

**HealthAI** is designed to solve critical issues in the accessibility and understanding of healthcare information. It targets individuals seeking reliable medical guidance without immediate access to healthcare professionals. By using **IBM Watson Machine Learning** and the **Granite model**, HealthAI provides intelligent, empathetic, and data-backed health assistance.

* The project addresses users' need for:
* Real-time health insights
* Disease condition prediction
* Personalized treatment suggestions
* Health analytics dashboards

All delivered through an **easy-to-use web-based single-page application (SPA)** built with **HTML, CSS, JavaScript**, and a **FastAPI backend**.

**Benefits of Problem–Solution Fit:**

• 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.

## References:

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

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