Project Design Phase Problem – Solution Fit

Date	28 June 2025
Team ID	LTVIP2025TMID41166
Project Name	Revolutionizing Liver Care: Predicting Liver Cirrhosis Using Advanced Machine Learning Techniques
Maximum Marks	2 Marks

Problem - Solution Fit:

The Problem—Solution Fit means identifying a critical healthcare problem and ensuring that the developed machine learning solution truly addresses this need. In this project, we focus on detecting liver cirrhosis early to improve patient care and outcomes.

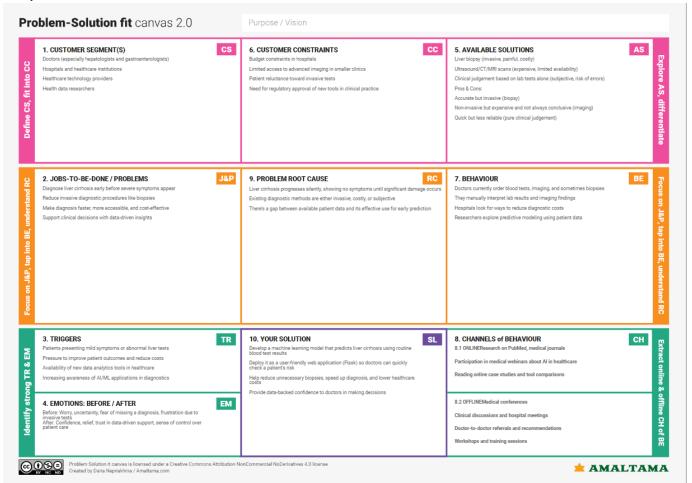
Purpose:

Solve complex medical challenges by enabling earlier diagnosis of liver cirrhosis using machine learning. **Succeed faster** and increase adoption among doctors by offering a simple, non-invasive, and cost-effective diagnostic tool.

Sharpen communication by delivering clear, data-driven insights that doctors can trust and understand. **Increase touchpoints** between patients and healthcare providers by allowing earlier intervention and ongoing monitoring.

Understand the current gaps in liver cirrhosis detection and provide a technological solution that improves accuracy and speed.

Template:



References:

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

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