# Project Design Phase Problem – Solution Fit Template

Date	15 February 2025
Team ID	LTVIP2025TMID29410
Project Name	Smart SDLC using Generative AI on IBM Cloud
Maximum Marks	2 Marks

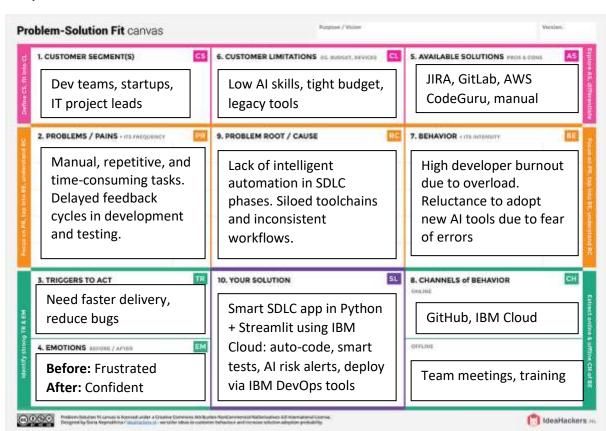
#### Problem - Solution Fit:

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:**

- □ Streamline and enhance the Software Development Life Cycle (SDLC) using Generative AI tools on IBM Cloud.
- Address inefficiencies, communication gaps, and manual effort within traditional SDLC models.
- Automate repetitive tasks (e.g., documentation, code generation, testing) and provide intelligent decision support throughout development phases.
- Reduce development cycle time while maintaining high code quality and adherence to compliance norms.

#### Template:



### **Problem**

Manual SDLC processes, delays, inefficiency

## Solution

Smart SDLC using Generative AI + IBM Cloud tools

### **Target Users**

Developers DevOps teams **Project Managers** 

### **Benefits**

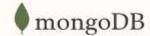
- Faster development cycles
- Automated documentation & testing
- Al-assisted decision-making











CI/CD pipelines