**Project Design Phase**

**Problem – Solution Fit Template**

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| Date | 04-10-2025 |
| Team ID | **SWUID20250216599** |
| Project Name | Smart Meet |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit Overview:**

The Problem–Solution Fit ensures that the Smart Meet platform addresses key gaps in the current video conferencing market, such as user fatigue, low engagement, and security concerns. This validation is critical before a large-scale product launch.

**Purpose:**

* To bridge the gap between impersonal virtual meetings and effective, engaging collaboration.
* Offer a unified platform that handles the entire meeting lifecycle—from scheduling to post-meeting summaries—without relying on multiple tools.
* Enable secure, end-to-end encrypted communication to build user trust.
* Provide a reliable and high-quality experience, even on low-bandwidth internet connections.
* Improve meeting productivity and outcomes through smart features like AI-powered transcription and interactive tools.

### **Problem Statement:**

Many remote teams, students, and professionals face challenges such as:

* High levels of screen fatigue and low engagement during virtual meetings.
* Scattered communication, with conversations and files spread across different apps.
* Security and privacy concerns with uninvited guests or data breaches.
* Difficulty in collaborating on ideas without physical tools like whiteboards.
* Poor audio/video quality and frequent disconnections on unstable networks.

### **Solution:**

Smart Meet, a modern, full-stack video conferencing platform, offers:

* End-to-end meeting management, including scheduling, hosting, and recording.
* End-to-end encryption with advanced security controls like waiting rooms and meeting passwords.
* Smart connection management with an optimized low-bandwidth mode.
* AI-powered real-time transcription and automated meeting summaries.
* Interactive tools like virtual whiteboards, live polls, and Q&A sessions.
* Admin dashboard for managing teams and viewing usage analytics.
* Freemium model with premium features like unlimited cloud recording, advanced analytics, and larger meeting capacity.