**Project Initialization and Planning Phase**

| Date | 3 July 2025 |
| --- | --- |
| Team ID | SWTID1749727925 |
| Project Name | E-Adapt: Predicting Student Adaptability in Online Classes |
| Maximum Marks | 3 Marks |

**Define Problem Statements (Customer Problem Statement Template):**

In the wake of increased online learning, student adaptability has emerged as a key factor influencing academic success. The objective of this project is to build a predictive model that can assess a student’s adaptability level based on various demographic, behavioral, and psychological factors. This will enable educational institutions to identify students needing additional support and customize learning experiences accordingly.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Problem**  **Statement (PS)** | **I am**  **(Customer)** | **I’m trying to** | **But** | **Because** | **Which makes me feel** |
| PS-1 | A student learning online | Adapt effectively to online classes | I struggle with new learning environments | I lack personalized guidance and self-motivation | Overwhelmed and unsupported |
| PS-2 | An educator | Identify which students are struggling to adapt | I do not have clear insights into each student’s adaptability level | The indicators are not visible or measurable easily | Frustrated and uncertain about how to help |
| PS-3 | An educational institution | Ensure high student engagement and success in online programs | I can’t personalize support for every student | I don’t have predictive tools to identify adaptability levels | Worried about student dropouts and low performance |