**Ideation Phase**

**Brainstorm & Idea Prioritization Template**

|  |  |
| --- | --- |
| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID59564 |
| Project Name | Edututor AI: personalized learning with generative AI and lms integration |
| Maximum Marks | 4 Marks |

**Objective:** To create a unified, AI-powered quiz platform that delivers personalized learning experiences, instant feedback, and insightful progress tracking—enhancing student engagement, supporting teachers, and integrating seamlessly with classroom tools.

**Brainstorming Ideas (Initial Concepts)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Idea** | **Description** | **Target User** | **Feasibility** | **Impact** |
| AI Quiz Generator | Generates personalized quizzes based on topic, difficulty, and student level | Students, Teachers | High | High |
| Performance Analytics Dashboard | Visualizes quiz results, progress, and learning patterns | Students, Teachers | High | High |
| |  | | --- | | LMS Integration (e.g., Google Classroom) |  |  | | --- | |  | | Syncs quizzes and results with existing LMS platforms | Teachers, Institutions | Medium | High |
| AI-Powered Feedback System | Provides instant explanations and tips after each quiz | Students | Medium | Medium |
| Teacher Quiz Planner | Allows teachers to auto-generate and schedule quizzes for classes | Teachers | High | High |

**Idea Prioritization (Using Impact vs. Feasibility Matrix)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Idea** | **Feasibility** | **Impact** | **Priority** |
| AI Quiz Generator | High | High | Must Have |
| Performance Analytics Dashboard | High | High | Must Have |
| LMS Integration (e.g., Google Classroom) | Medium | High | Should Have |
| AI-Powered Feedback System | Medium | Medium | Could Have |
| Teacher Quiz Planner | High | High | Could Have |