

EduTutor ai-project solution fit template

Date: 26 June 2025

Team ID: LTVIP2025TMID34185

Project Name: EduTutor ai

Maximum Marks: 4 Marks

EduTutor AI – Problem-Solution Fit Date: 27 June 2025 **Team ID:** EDUAI2025TMID4421 **Project Name:** EduTutor AI **Maximum Marks:** 2 Marks

1. Customer Segment(s)

- Students (Grades 6–12, UG/PG) using digital learning platforms
- Educators managing large classrooms
- Schools and institutions adopting LMS-based instruction

2. Jobs-to-be-Done / Problems

Core Job: Deliver personalized, curriculum-aligned learning and assessment **Problems:**

- Generic, one-size-fits-all quizzes
- Delayed feedback on student performance
- Manual effort in tracking academic progress

3. Triggers

- Upcoming exams or assessments
- Parent/teacher concern over student performance
- Institutional push for digital transformation

4. Emotions: Before / After

Before

After

Overwhelmed Supported

Disengaged Motivated

5. Customer Constraints

- Varying digital literacy among students
- Limited teacher bandwidth for personalized instruction
- Fragmented data across platforms

6. Customer Root Cause

- Traditional LMS platforms lack real-time personalization and AI-driven insights

7. Behaviour

- **Current:** Use static quizzes, rely on manual grading
- **Desired:** AI-generated quizzes with instant feedback

8. Channels of Behaviour

- **Online:** Google Classroom, EduTutor AI web app
- **Offline:** School computer labs, teacher-led sessions

9. Problem Root Cause

- Absence of adaptive, generative AI tools integrated with LMS platforms

10. Your Solution

EduTutor AI platform offering:

- Dynamic quiz generation using IBM Watsonx & Granite
- Real-time feedback and performance dashboards
- Seamless Google Classroom integration

11. Alternative Solutions

- Manual quiz creation (time-consuming)
- Generic LMS tools without AI personalization