MUMBAI HACKS

Student Super Power

360° Personalized Learning for every K-12 student

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404: Personalization Not Found for Learning

The Great Indian Learning Deficit: 250M Students, 250M Paths

- ▸ Same one-size-fits-all approach

- ▸ No real-time adaptation to student's needs

- ▸ Personalised tutor is unaffordable for vast majority

We need = Personal touch × Mass scale

Market ready: Technology ready: **Solution is not...**

200: Personalization Delivered

Student Super Power : AI agentic system provides a chapter-focused, personalized learning, adapting to each student's needs for every topic they choose to master.

5 agents that;
- Understand how each student learns,
- Identify what they need to work on,
- Create a custom learning plan,
- Teach in a way that suits them, and
- Provide practice to ensure they really get it.

How it works

1. To-Know Agent:

Gathers student's learning style, preferences, strengths, and interests.

Builds a detailed student profile

2. Learning Tracker Agent:

Assesses current understanding of the chapter through quizzes and questions.

Establishes an initial Learning Score (LS) for the chapter.

3. Roadmap Agent:

Creates a personalized learning map to reach target LS (e.g., 85%).

Recommends step wise videos, explaination, readings, activities accordingly.

How it works

4. Tutor Agent

Teach and provide explanation as per suggested roadmap.

5. Practice Agent:

Delivers practice tasks tailored to the chapter's content.

Evaluates progress, updates LS, and generates a new learning summary.

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What went into building

▸ Crew AI for building agents

▸ Model APIs : Open AI GPT4o & Google Gemini 2.5

▸ Backend: Python Flask & Front: Streamlit

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Scaling from Scrappy Solution to a Comprehensive Learning Platform

▸ Broadening agent functions to cover exam prep & concept mastery across subjects & standard levels.

▸ Granular Personal Data mapping to deepen personalisation

▸ All type of content types & modalities

▸ Integration with actual Curriculums

▸ Gamified Progress Tracking

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Thank You

Creating a world where all children have access to Quality Education.