

Student Super Power

360° Personalized Learning for every K-12 student

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Participation : Profession

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, explanation, 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.

What went into building

- ▶ Crew AI for building agents
- ▶ Model APIs : Open AI GPT4o & Google Gemini 2.5
- ▶ Backend: Python Flask & Front: Streamlit

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

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

**Thank
You**