





Ideation Phase

Define the Problem Statements

Date	27 June 2025
Team ID	LTVIP2025TMID31863
Project Name	EduTutor-AI_personalized-learning-with-generative-ai-and-lms-integration
Maximum Marks	2 Marks

Problem Statement

PERSONA	I AM	I'M TRYING TO	BUT	BECAUSE	WHICH MAKES ME FEEL
1. Student (High School/College Aspirant)	A high school student preparing for NEET/JEE; curious and prefers interactive learning.	Prepare for exams using personalized mock tests and improvement feedback.	Most platforms are outdated, generic, or lack personalization.	They don't adapt to my performance or learning style.	Anxious and unsure if I'm improving or exam-ready.
2. College Student (UPSC/IAS/GATE Aspirant)	A college student juggling studies and exam prep; needs structured learning.	Build a consistent routine and get feedback from each quiz.	Most tools are not adaptive or designed for exam-specific improvement.	Static platforms don't analyze past performance or suggest progress paths.	Overwhelmed and stuck in repetitive preparation cycles.
3. Parent	A parent concerned about their child's progress and exam readiness.	Help their child stay motivated and understand their performance.	Lack of visibility and actionable insights on student progress.	No dedicated parent dashboard or easy-to-read reports.	Helpless and disconnected from my child's academic journey.
4. Teacher	A teacher aiming to use AI tools to enhance teaching and track student growth.	Assign quizzes and get quick insights into student weaknesses.	Existing tools are time-consuming and not built for teachers' workflows.	Lack of automation, analytics, and integration features.	Frustrated and burned out from managing tools manually.
5. School Administrator	A school admin responsible for ed-tech adoption and improving student outcomes.	Find scalable tools that personalize learning and track school-wide performance.	Tools are expensive, hard to scale, and don't cater to multi-user environments.	Built more for individuals than institutions with analytical needs.	Uncertain about choosing tools that benefit both staff and students.

Characteristic	High School Student	College Student	Parent	Teacher	School Administrator
 Description	Interactive learner	Structured learner	Concerned supporter	Efficiency seeker	Scalable solution seeker
 Needs	Personalized feedback	Consistent routine	Performance visibility	Quick insights	Scalable tools
 Pain Points	Lack of personalization	Static platforms	Lack of visibility	Time-consuming tools	Expensive tools
 Frustrations	Unsure of improvement	Repetitive cycles	Disconnected	Manual management	Uncertain choice