

Project Report

PROJECT NAME: Mentaura: AI-Powered Adaptive Learning Platform

TIMELINE: March–April 2025

BUDGET: Rs:20,000/year

PROBLEM STATEMENT:	<ul style="list-style-type: none">• Lack of personalized learning experience in existing e-learning platforms, making it difficult for students to learn at their own pace.• Language barriers and limited access to quality educational resources for rural and regional students.• Absence of interactive features like AI-guided tutoring, doubt clarification, and customized learning paths.• Lack of accessibility features for differently-abled students, making digital education non-inclusive.• Need for a unified AI-powered learning platform that provides adaptive, multilingual, accessible, and self-paced education without the dependency on human mentors.
OBJECTIVE :	<ul style="list-style-type: none">• To provide an AI-driven tutor that personalizes learning based on user progress and preferences.• To integrate multimodal learning (text, voice, image recognition) for a more immersive experience.• To create an inclusive platform catering to differently-abled individuals.• To incorporate engaging learning games and interactive activities.• To enable real-time feedback and adaptive assessments.
TARGET AUDIENCE:	<ol style="list-style-type: none">1. Students (K-12 & Higher Education)2. Teachers & Educators3. Lifelong Learners4. Differently-abled Individuals5. Corporate & Skill-based Learners
EXPECTED IMPACT:	<p>Mentaura aims to redefine digital learning by making it more personalized, interactive, and accessible. By integrating AI and gamification, it provides an engaging experience that enhances knowledge retention and makes learning enjoyable. The platform’s adaptability ensures inclusivity, allowing differently-abled users to learn effectively.</p>