Intelligent Tutor System

Content

01

Introduction

Imagine an educational platform that goes beyond conventional teaching methods, empowering students to reach their full potential through personalized, adaptive, and interactive learning experiences. Our project aims to develop an Intelligent Tutoring System (ITS) that revolutionizes education by leveraging state-of-the-art technologies and innovative approaches.

- Personalized learning paths
- Adaptive lessons, quizzes, and exercises
- Customized feedback and guidance
- Tracking progress and providing recommendations
- Support for multiple languages and modalities

02

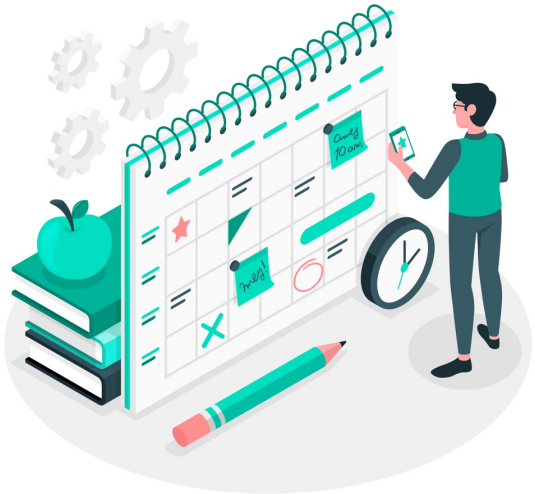
Current progress

- Daily standup meetings has been setup and implemented.
- JIRA environment has been setup.
- Integrated with GitHub and BitBucket.
- Teams group as been setup for communication.
- Setting up of AZURE Cosmos DB.

03

Plans for coming week

- To Set-up a meeting with the mentors to discuss the scope an objective.
- Define the KPI's and work on it.
- Creating Skeleton structure of the project.
- Start working on a prototype.
- Information gathering for keeping up with the new trends.
- Research on different OpenAi models and selecting the best fi
- Category selection for subject of interest(For data collection).
- Category selection of lectures, quizzes and exercises(For data collection).
- Setting up AZURE Cognitive Service.



04

Key Aspects

- User-Friendly Interface.
- Adaptive Learning.
- Feedback and Guidance.
- Learning Analytics.
- Cloud Based architecture.
- Scalability and Performance.
- Privacy & Security.
- Responsive.

05

Brief review of roles and tasks

Roles	Dev1	Dev2
Front-end	Jayesh Bhatt	Sehba Nourein
Back-End	Rayyan	Jayesh Bhatt
Cloud	Kartik Dhongadi	Sehba Nourein
Administration	Kartik Dhongadi	Rahul Kantode
Data Science & ML	Rahul Kantode	Rayyan

Front-end	Back-end	Admin	Data science/ ML
How to make web application	Setup DB (List of tables and columns)	Web-app deployment	Categories for subject of interest(For data collection)
No. of web pages	Connectivity of webapp to cosmoDB	Setup of cosmo-DB	category of lectures, quizes and exercises(For data collection)
design of each webpage	Which webpage will require which data from DB	Setup of cog service	Open AI model implementation
Animations or (UI/UX)	Understanding behaviour of session object	Setup of Azure-ML platform.	trigger open Ai from webapp or Azure?

Thank you