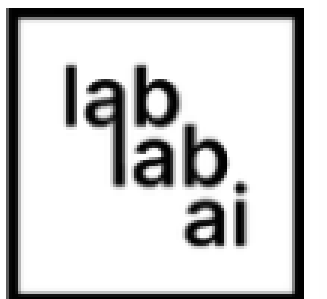


/execute: AI Genesis

Team: Falcon

LearnHub
MAKE YOUR LEARNING FAST



Problem Statement

1. Unstructured Learning

- YouTube tutorials lack built-in assessments.
- Students can't gauge true mastery.

2. Lack of Engagement Metrics

- No guarantee viewers complete videos.
- Progress isn't tracked or verified.

3. No Credentialing for Free Content

- Certificates only come with paid courses.
- Free learners miss formal recognition.



Solution Overview

Innovative Product

Our AI-powered app transforms any YouTube playlist into a structured learning experience by generating context-aware quizzes.

Unique Approach

Users simply paste a playlist or video link; after they've watched $\geq 80\%$, the AI auto-creates quizzes and issues certificates based on performance.



| Technology | Usage |
|------------------|--|
| AI/ML API | Connecting to Gemini 2.0 Flash and facilitating AI interactions |
| Gemini 2.0 Flash | Processes YouTube video content to generate quizzes and assessments |
| Next.js | A React framework for creating dynamic, server-side rendered web applications with ease. |
| Next.js | Enables server-side JavaScript execution, ideal for building scalable network applications. |
| Postman | Facilitates API development and testing with an intuitive interface for sending HTTP requests. |

Market Opportunity

Total Addressable Market (TAM)

- Global e-learning market valued at USD 354.06 B in 2024
- Expected to grow at a CAGR of 8% through 2033
- Forecast to reach USD 682.3 B by 2033

Serviceable Available Market (SAM)

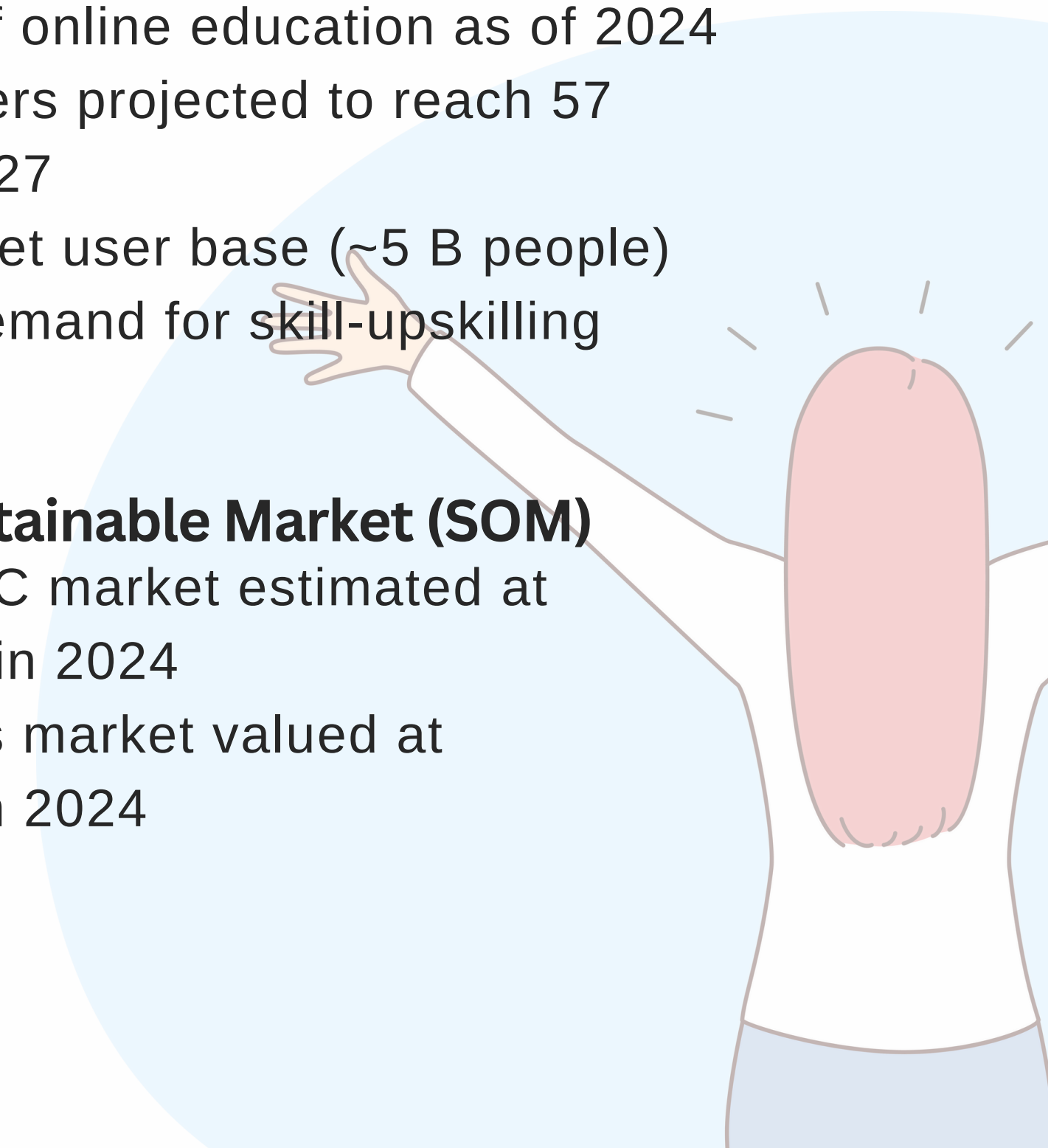
- Global digital education market size USD 26.01 B in 2024
- Anticipated 31.5% CAGR from 2025 to 2030
- Projected to reach USD 215.2 B by 2033

Target Audience

- Over 49% of students have completed some form of online education as of 2024
- Online learners projected to reach 57 million by 2027
- Global internet user base (~5 B people) with rising demand for skill-upskilling

Serviceable Obtainable Market (SOM)

- Global MOOC market estimated at USD 22.3 B in 2024
- U.S. MOOCs market valued at USD 6.8 B in 2024



Competitors

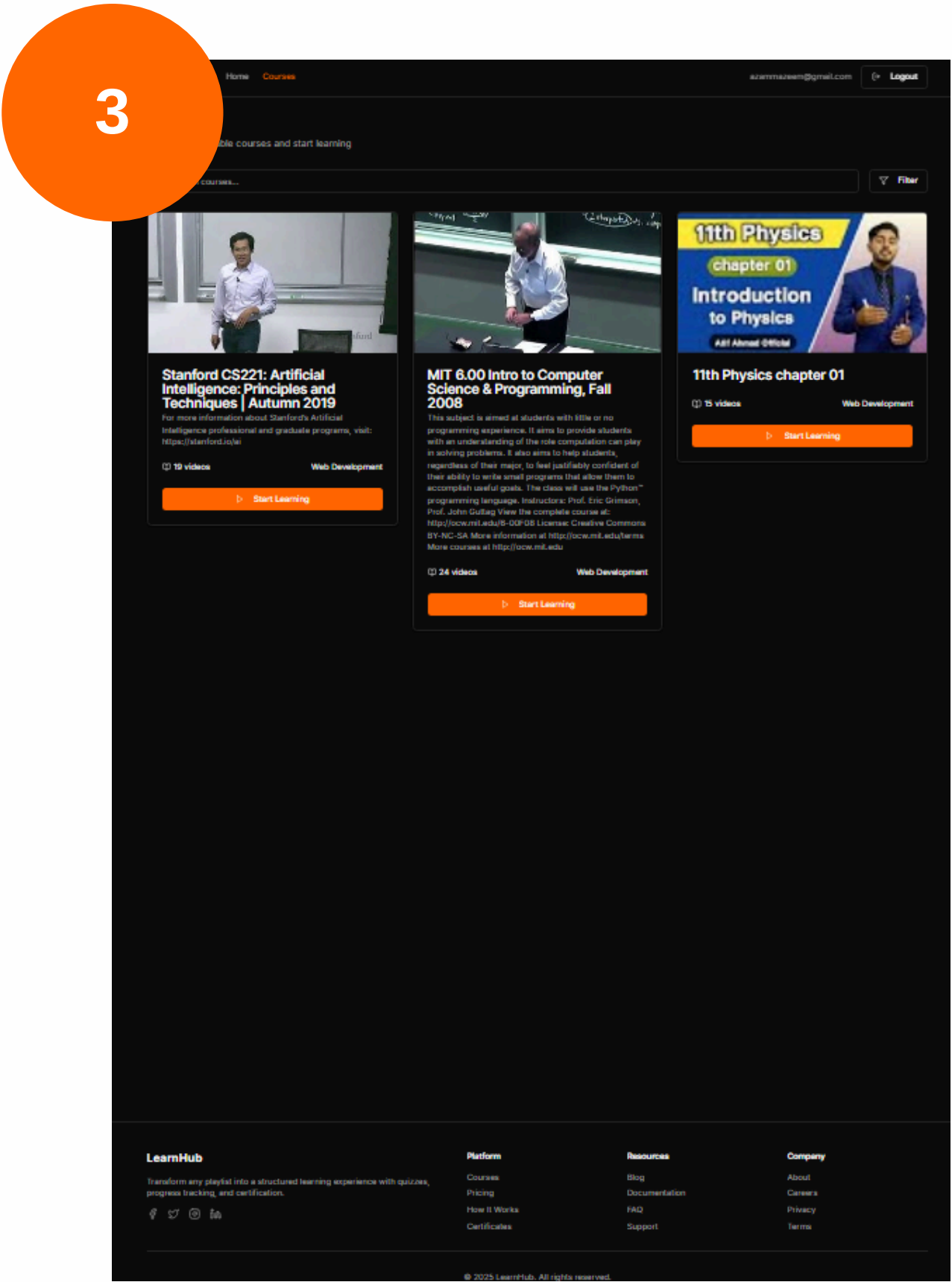
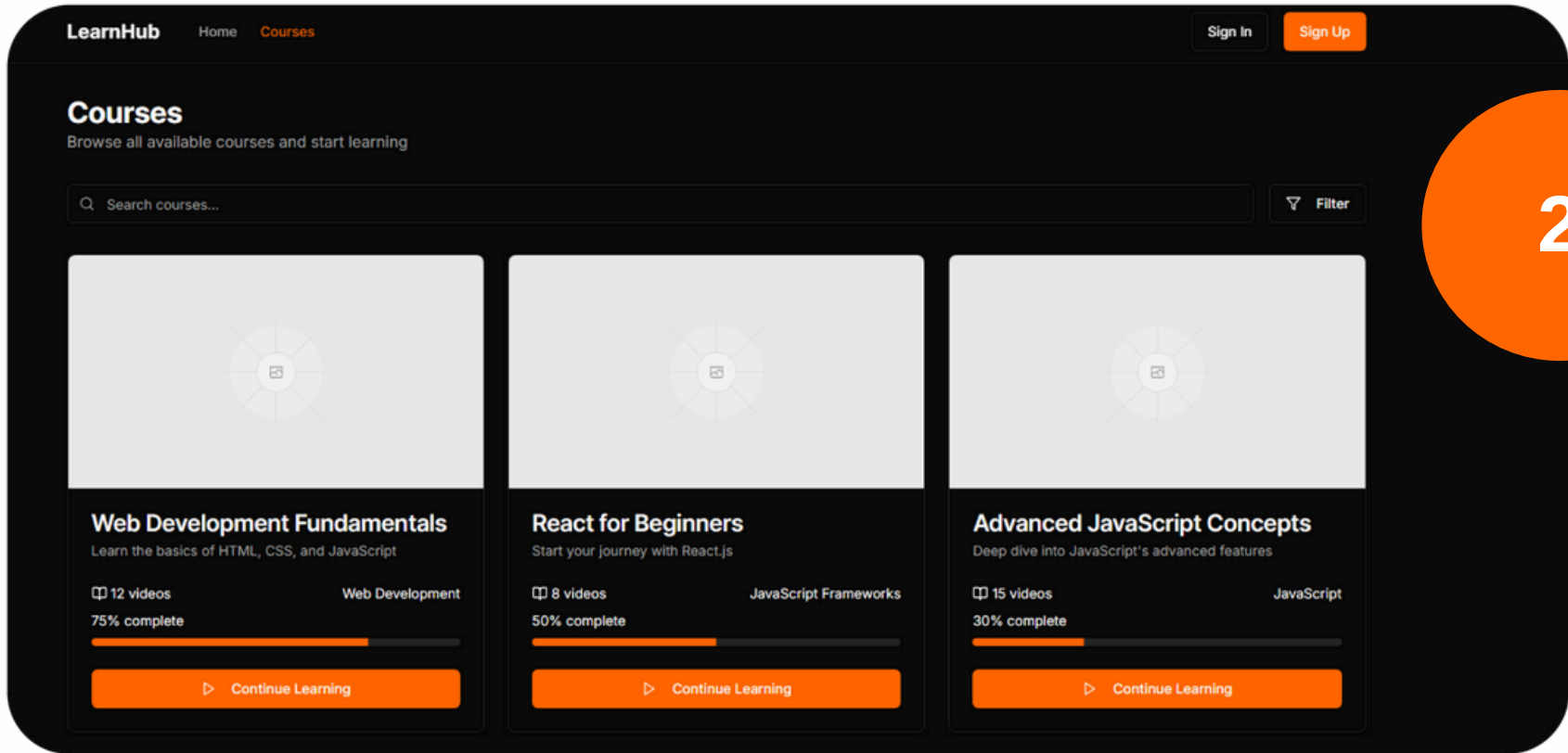
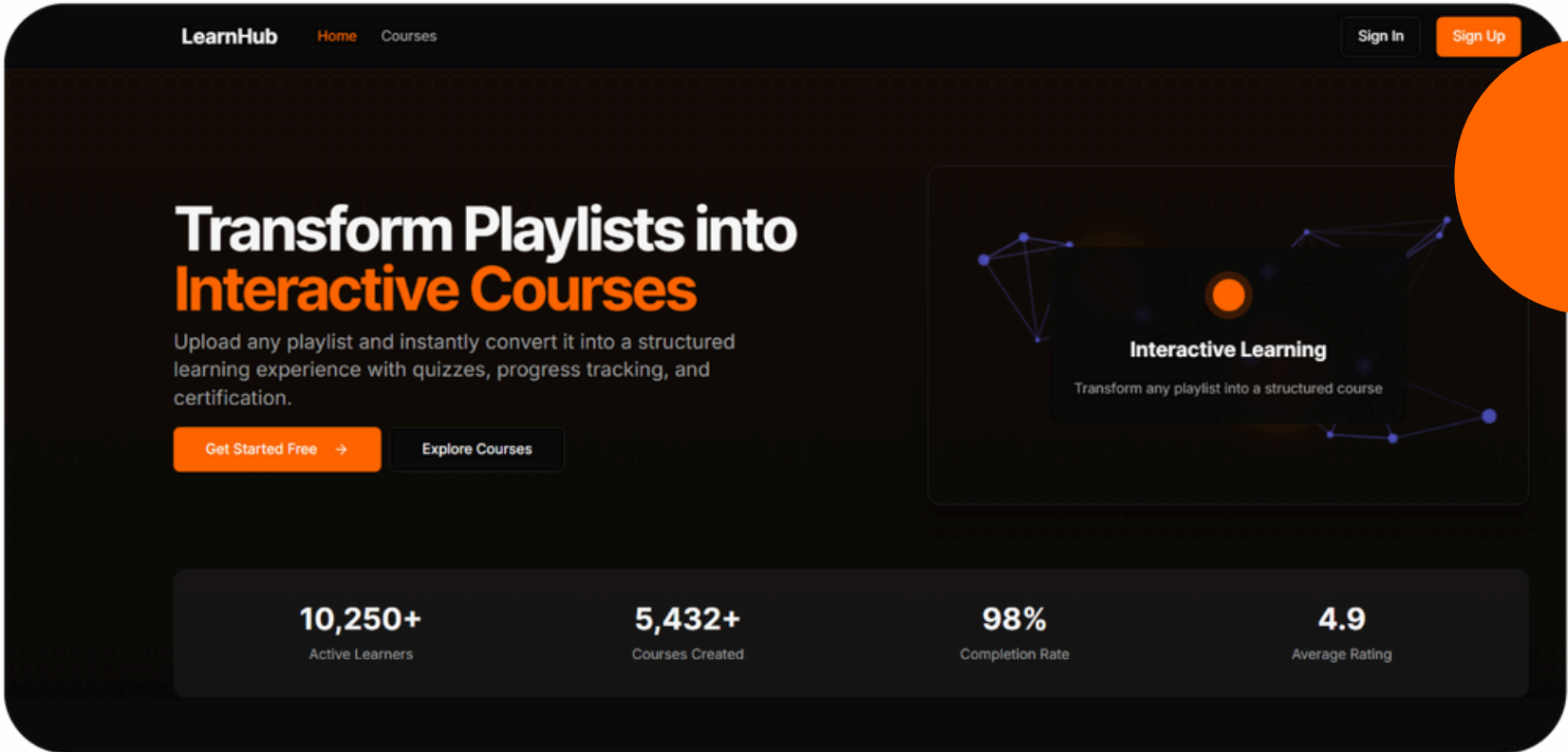
DIRECT COMPETITORS

- **Coursera** -
MOOCs with paid certificates.
- **Udemy** -
On-demand paid video courses.
- **EdX**
University-partnered online courses.

INDIRECT COMPETITORS

- **Khan Academy**
Free educational video library.
- **Quizlet**
Flashcards and practice tests.
- **Google Classroom**
Assignment management platform.

App Flow



Our Team



Mudasser Rasool
Web Developer



Azeem Azam
AI Engineer



Saif Ur Rasool
UI/UX Designer

DEMO