



# LearnShare

## A Collaborative Online Learning Platform

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Project Guide :

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# Introduction

It is an online platform that connects tutors and learners, In today's fast-paced educational environment, students often struggle to find the right study materials, especially during exams. This platform addresses these challenges by providing a centralized hub for all learning resources. By offering a wide range of study materials and courses, it ensures students have everything they need in one convenient location. This simplifies the learning process, reduces stress, and enhances academic success through continuous support and comprehensive resources, catering to both exam preparation and general education needs.

# Technology Details

## Backend:

- Framework: **Spring Boot**
- Language: **Java**
- Web Framework: **Spring MVC**
- Data Access & Data Persistent: **Spring Data JPA, Hibernate ORM**

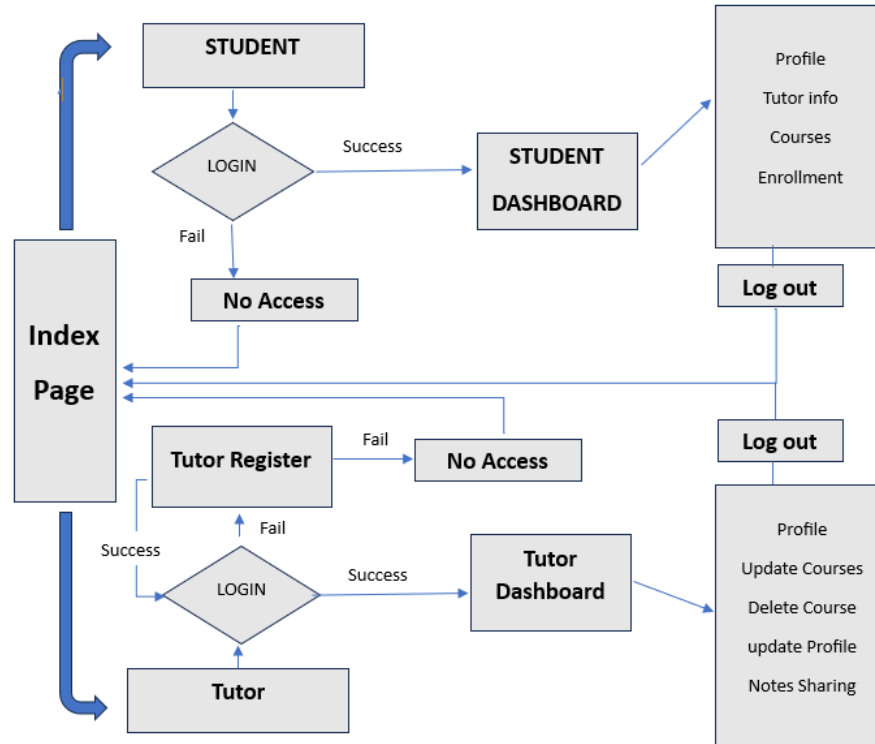
## Frontend:

- Templating: **Thymeleaf, JavaScript**
- CSS Framework: **MaterializeCSS**

## Database:

- **MySQL Database**

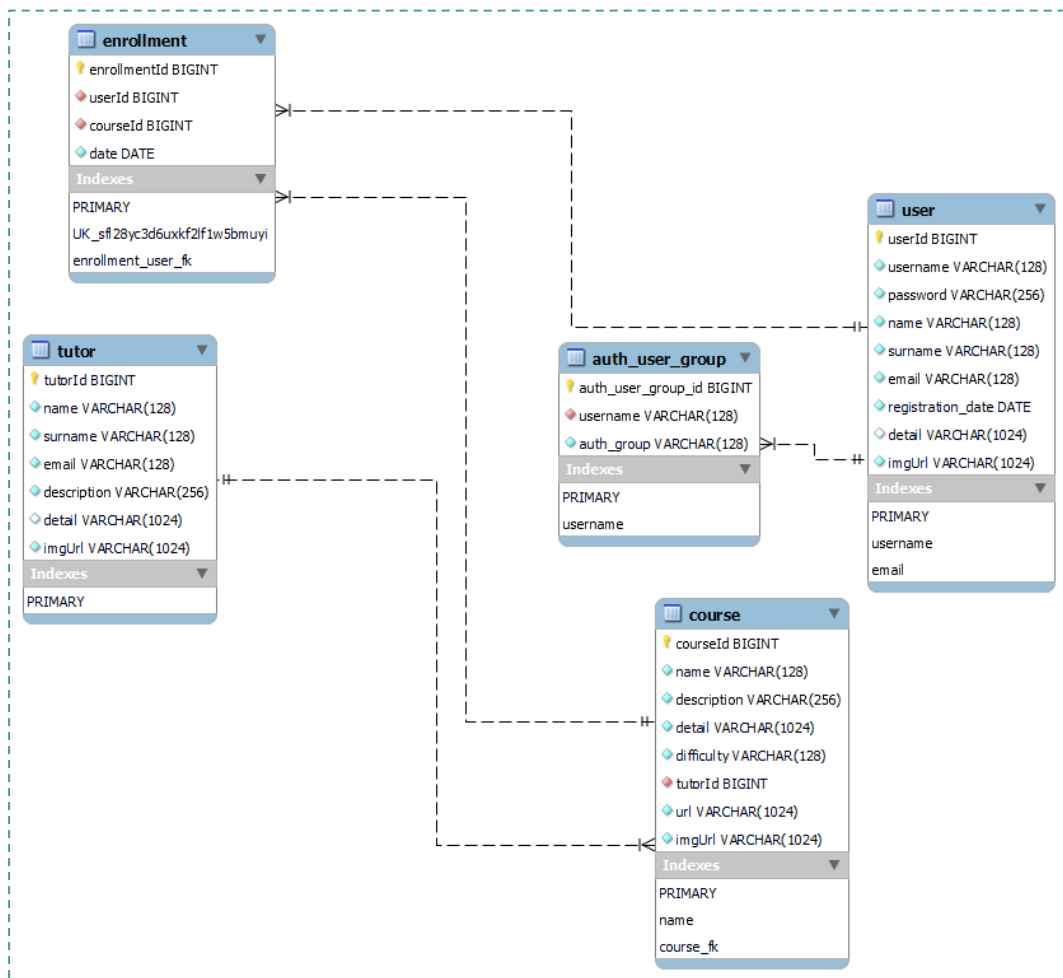
# System Architecture



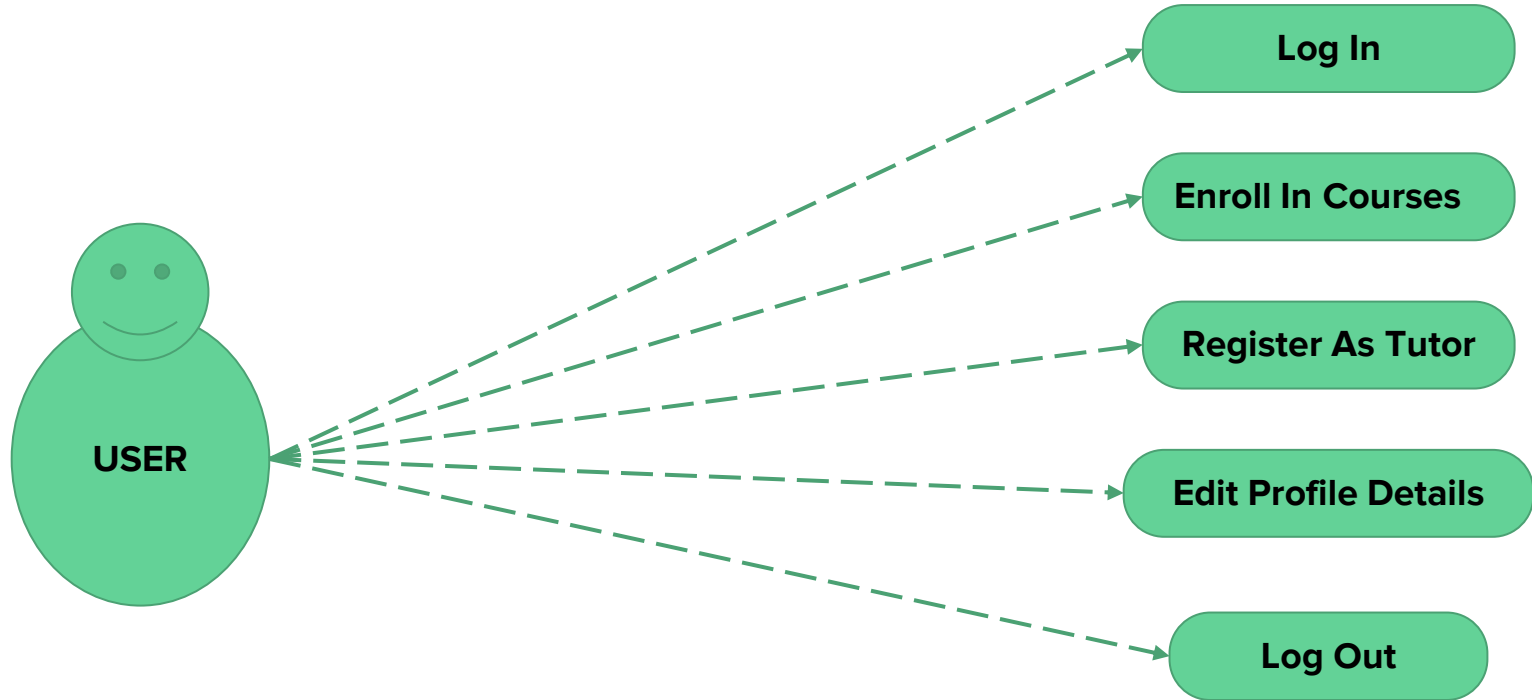
# Features

- Users:
  - Can Enroll In Courses
  - Can Register as Tutor (If they want)
  - Can also Enroll as a student.
- Admin:
  - Can Add Courses for Tutors
  - Can Remove Tutors
  - Can Remove Courses and Edit them

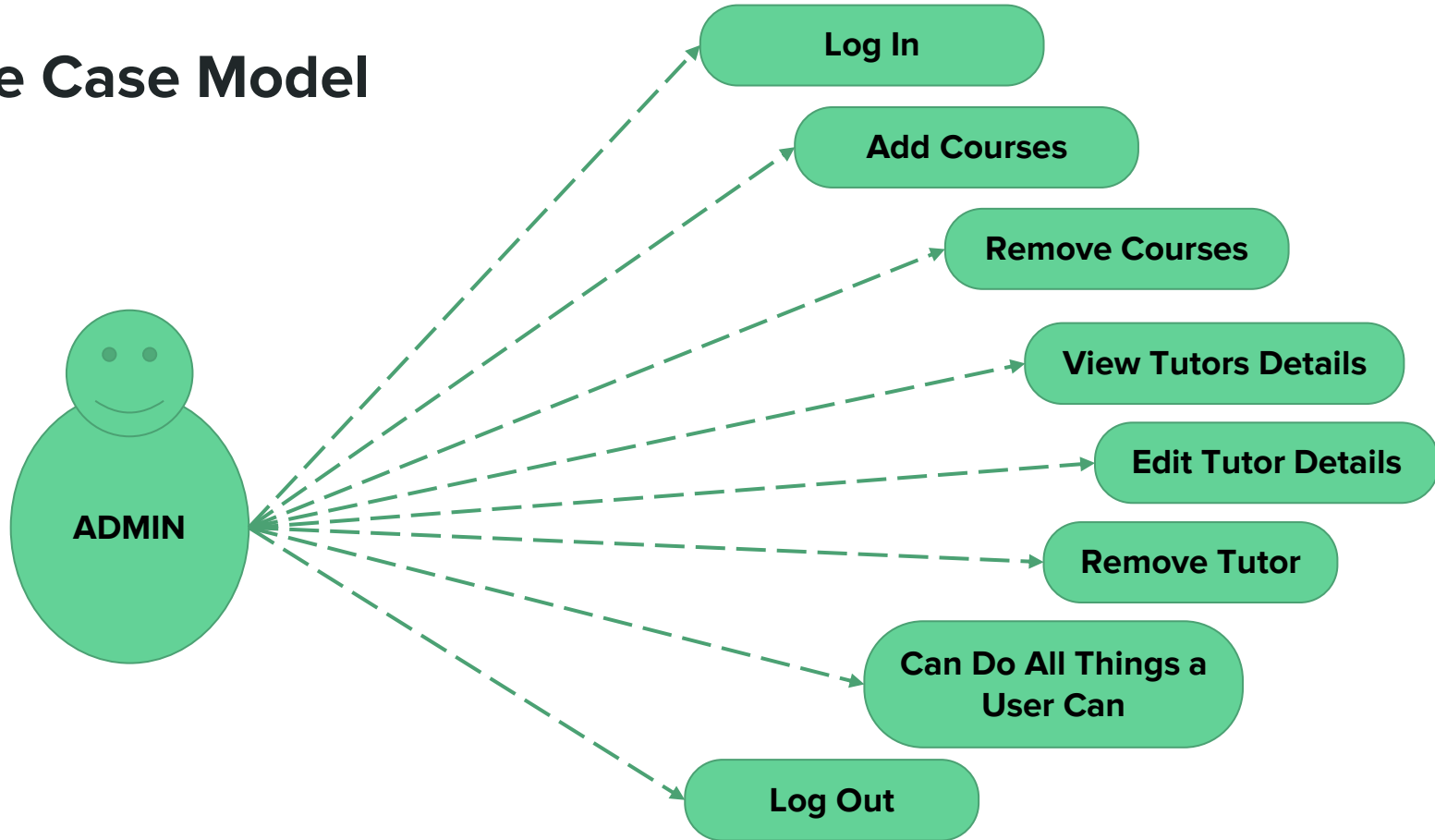
# ER Diagram



# Use Case Model



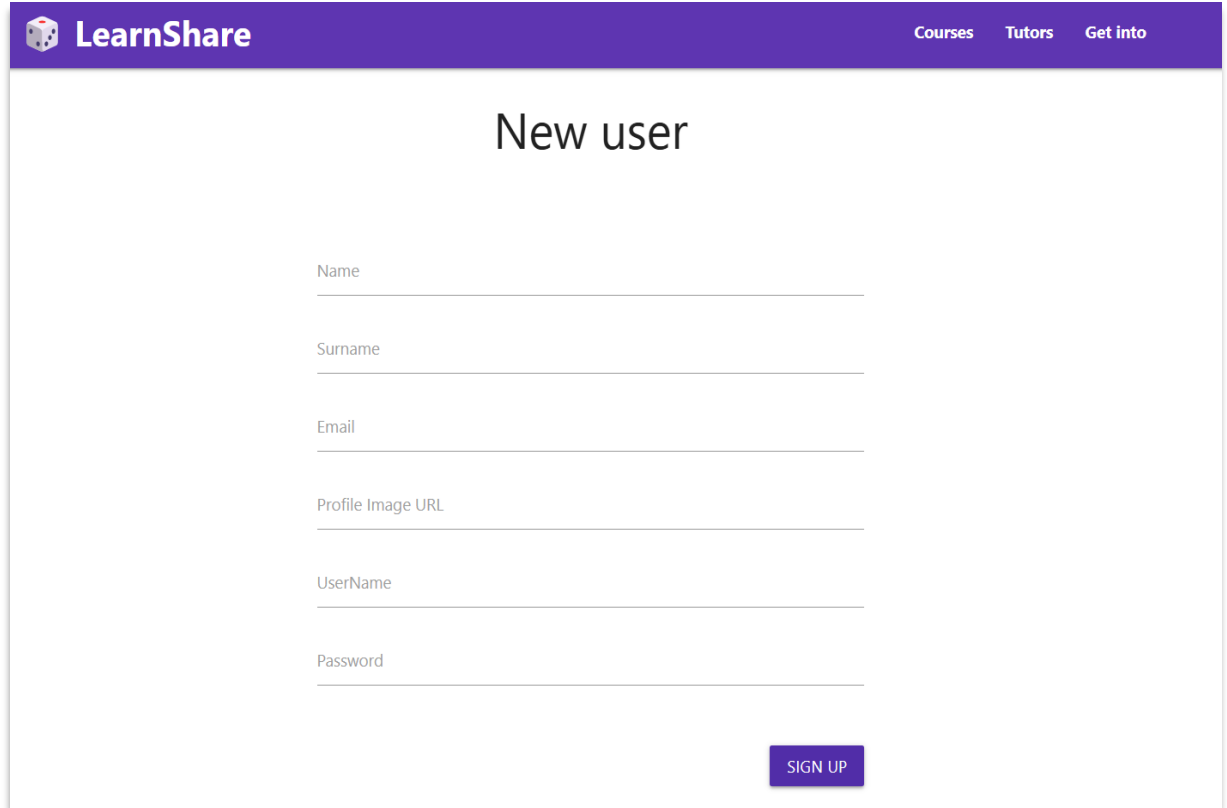
# Use Case Model





# UI Implementation

## User Registration



The image shows a web browser window displaying the 'New user' registration page of a website called 'LearnShare'. The page has a purple header bar with the 'LearnShare' logo on the left and navigation links 'Courses', 'Tutors', and 'Get into' on the right. The main content area is white and features the title 'New user' at the top. Below the title, there are six text input fields arranged vertically, each with a label above it: 'Name', 'Surname', 'Email', 'Profile Image URL', 'UserName', and 'Password'. At the bottom right of the form, there is a purple button with the text 'SIGN UP' in white capital letters.

**LearnShare** [Courses](#) [Tutors](#) [Get into](#)

## New user

Name

Surname

Email

Profile Image URL

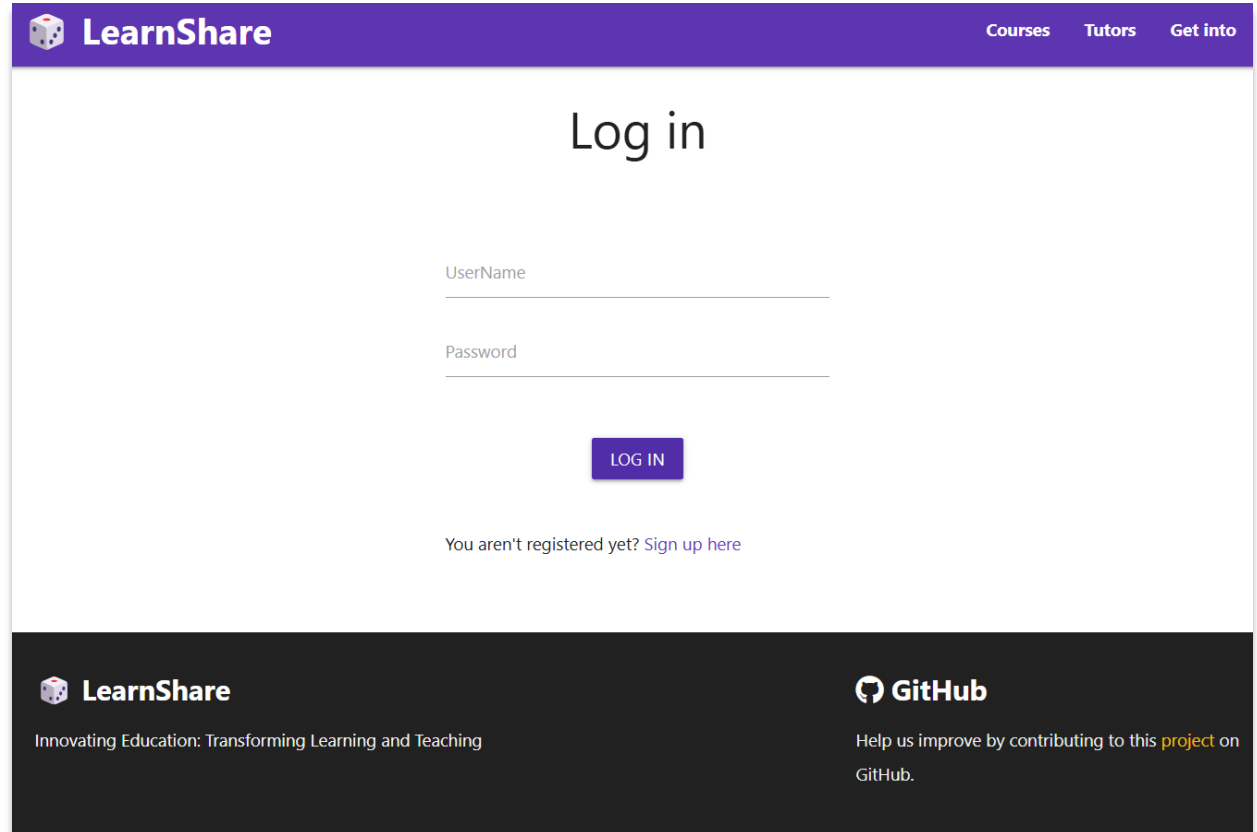
UserName

Password

**SIGN UP**

# UI Implementation

## Login Page



The image shows a web browser window displaying the LearnShare login page. The page has a purple header bar with the LearnShare logo and navigation links. The main content area is white and features a 'Log in' heading, input fields for 'UserName' and 'Password', a purple 'LOG IN' button, and a link for new users. The footer is dark grey with the LearnShare logo, tagline, and a GitHub link.

**LearnShare** Courses Tutors Get into

## Log in

UserName  
Password

LOG IN


You aren't registered yet? [Sign up here](#)


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# UI Implementation

## Tutor Registration

 **LearnShare**

[Courses](#) [Tutors](#) 

## New Tutor

Name

Surname


Email

Description


Image URL

CONFIRM

BACK

 **LearnShare**

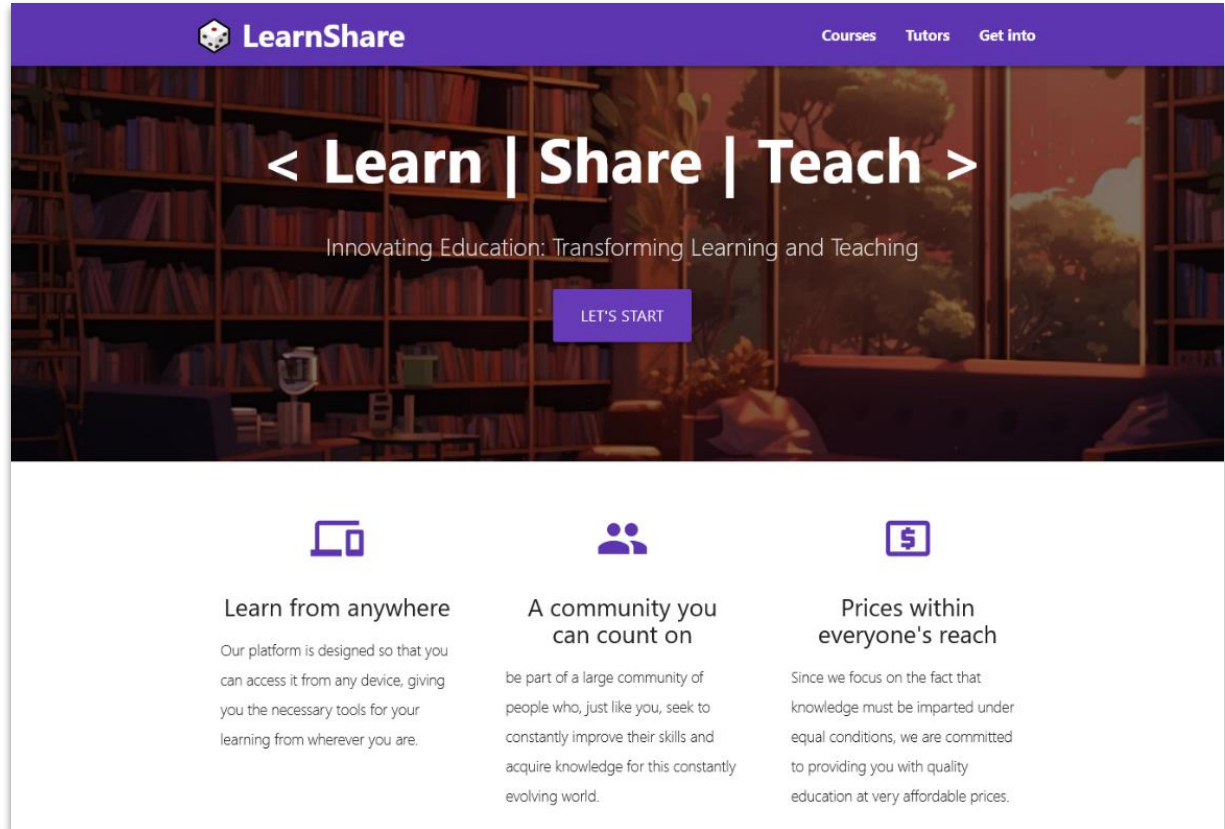
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# UI Implementation

## Index Page

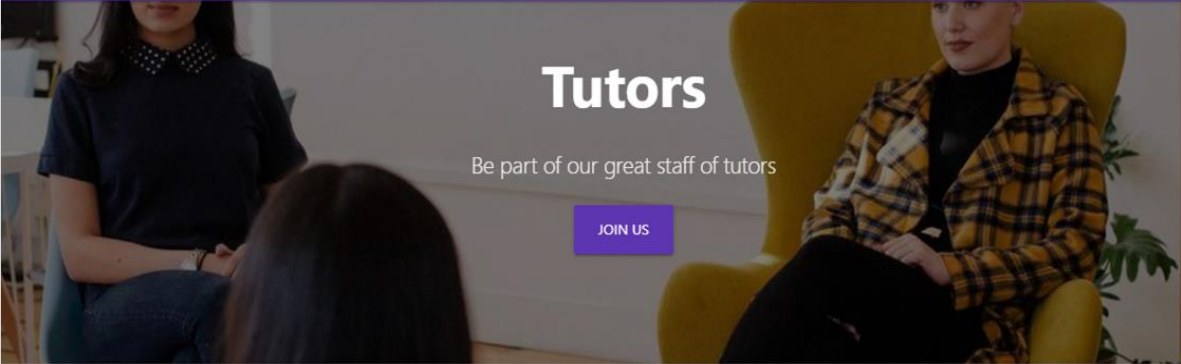


# UI Implementation

## Tutor Dashboard

 LearnShare

CoursesTutors



# Tutors

Be part of our great staff of tutors

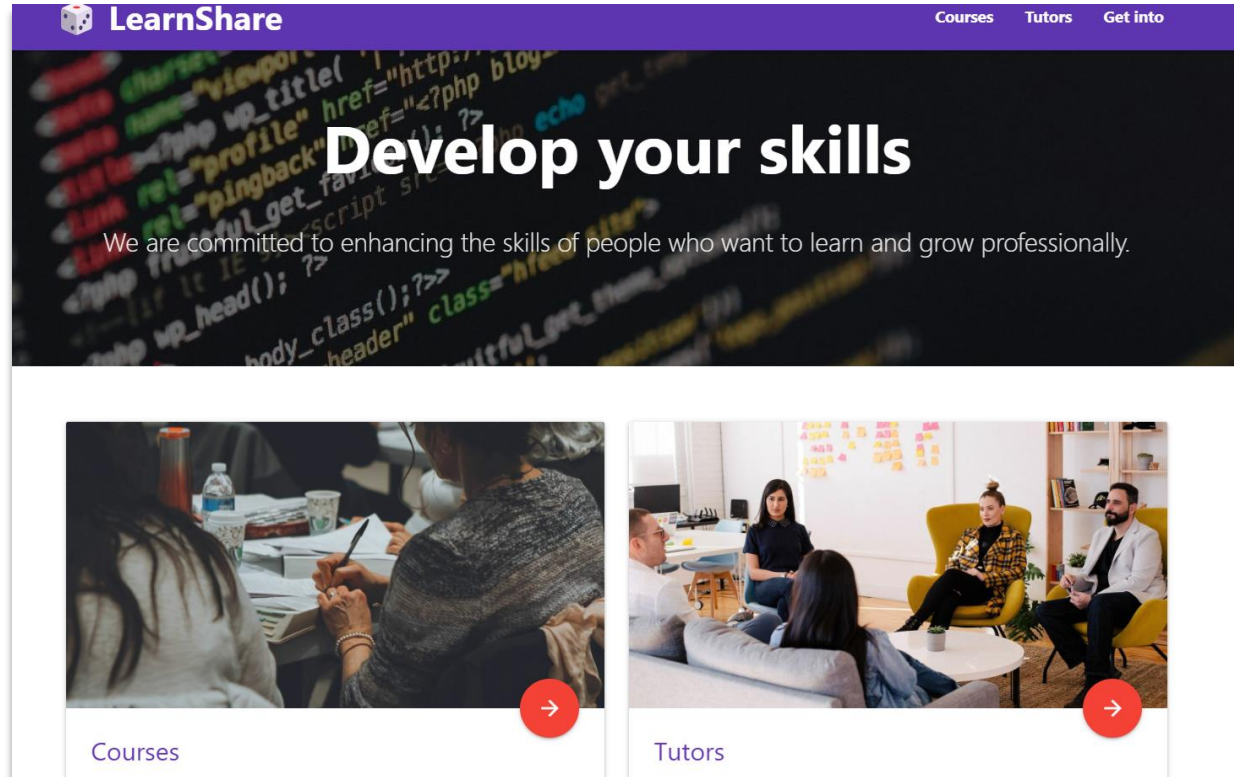
[JOIN US](#)

### Tutor List

id	Name	Surname	E-mail	Description	
1	Mosh	Hamedani	MoshHamedani@gmail.com	java / JavaScript Tutor	<a href="#">&gt;</a> <a href="#">✎</a> <a href="#">✖</a>
2	Nelson	Amigos	amigoscode@hotmail.com	Java Tutor	<a href="#">&gt;</a> <a href="#">✎</a> <a href="#">✖</a>
3	Tim	Corey	timcorey@outlook.com	C# Tutor	<a href="#">&gt;</a> <a href="#">✎</a> <a href="#">✖</a>

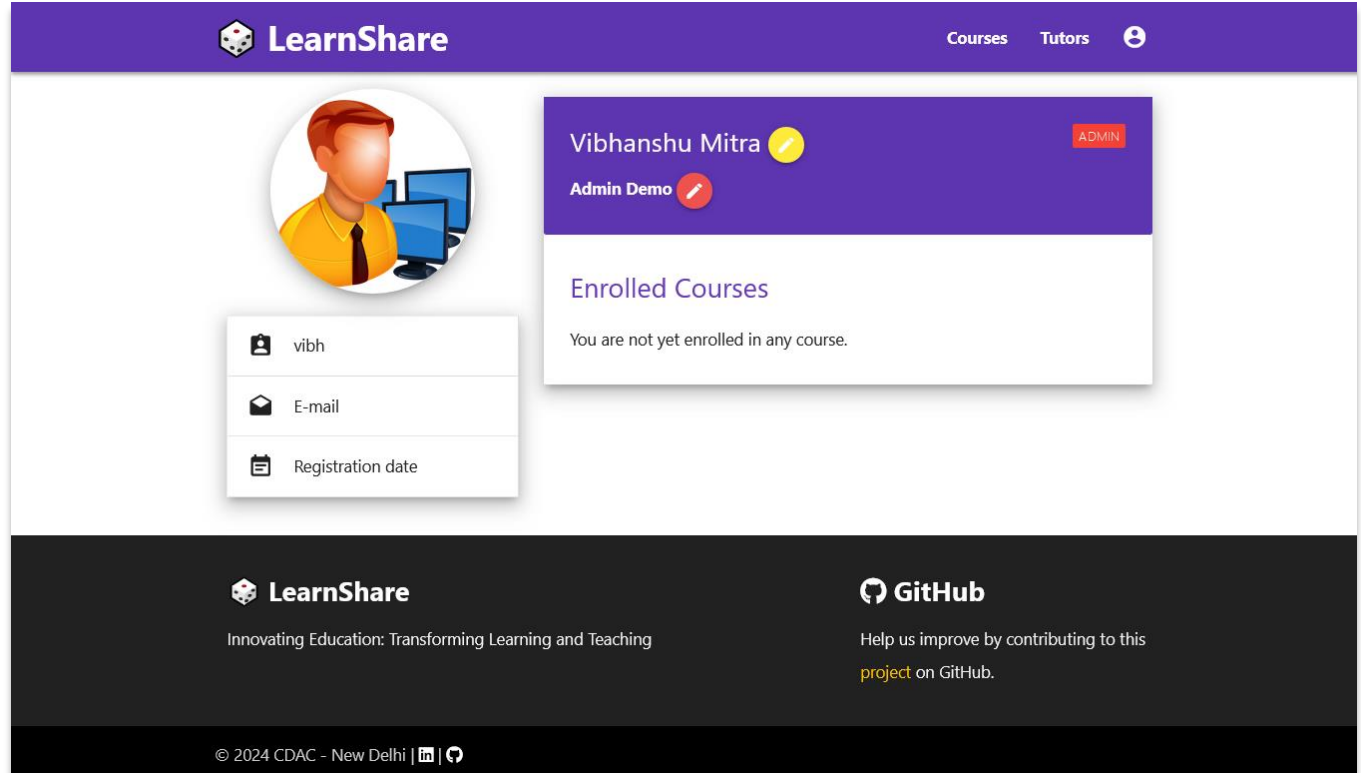
# UI Implementation

## Student Dashboard



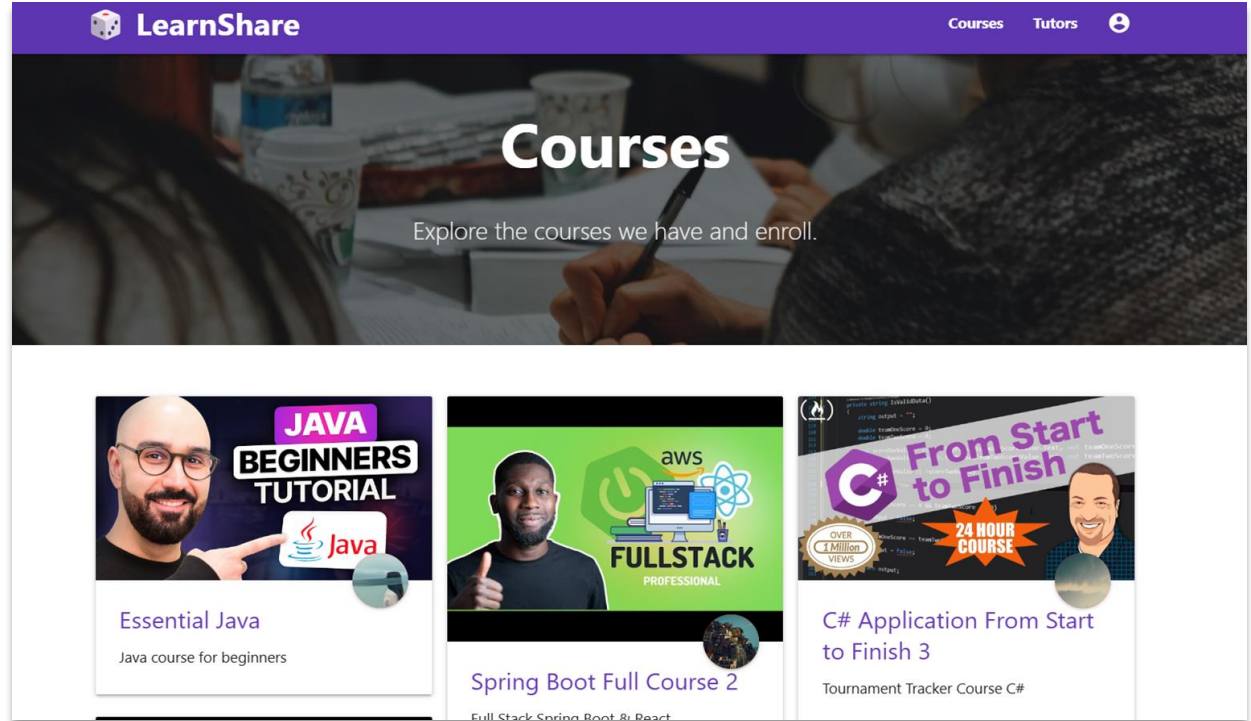
# UI Implementation

## Profile page



# UI Implementation

## Course Dashboard





# Future Scope

- Mock Exams Integration where User can give Mock exams on the go created by the tutor , Depending on the module.
- Introduce features like discussion forums, group projects, and peer reviews to foster a collaborative learning environment. This can enhance the learning experience by allowing students to learn from each other
- Offer courses in multiple languages to reach a global audience. This can open up new markets and make your platform accessible to non-English speakers.
- Tutor can share Notes and other content .

# Conclusion

This platform not only streamlines exam preparation by centralizing all necessary resources but also supports continuous learning. Students often face challenges during exams when they can't find the right content or materials on time, leading to stress and inefficiency. Our platform addresses this issue by providing a comprehensive solution where students can access a wide range of study materials and courses. This ensures they have everything they need in one convenient and user-friendly location, making it easier to focus on their studies and succeed in both exams and general education. By eliminating the need to navigate multiple sites, we help students save time and reduce stress, ultimately enhancing their learning experience and academic performance.