User Authentication

Access Platform and Features

As a **USER**, I want to be able to register for the educational site, so that I can access the platform and all its features

Acceptance Criteria

Given that a student wants to register for the educational site, when they navigate to the registration page and complete the registration form with their name, email address, and password, then they should be redirected to a welcome page or dashboard that displays their name and provides access to all the site's features.

Given that a student has registered for the educational site, when they receive a confirmation email with a link to verify their email address, then they should be able to click on the link and verify their email address.

Given that a student enters incorrect information in the registration form, when they submit the form, then they should be shown error messages indicating the specific fields that need to be corrected.

Given that a student's email address is already registered on the site, when they attempt to register with that email address, then they should be notified and given the option to log in or reset their password.

Given that a student registers with a password, when they enter their password, then it should meet the site's password complexity rules and be protected with encryption.

AI Powered Learning

Text Based Learning Platform

As a student, I want to be able to use a chat-based learning system that utilizes AI technology, so that I can receive personalized feedback, support, and guidance as I learn.

Acceptance Criteria

Given that a student needs more in-depth support, when they request help from a teacher or tutor through the chat-based learning system, then the AI technology should assist the teacher or tutor in providing personalized support based on the student's learning behavior and

- integration of any text-based ai powered api, for live chat
- scalable up-to providing multiple exercises on its own

user authentication system for both
students and teachers in a single
database

- implementation of user profile edit and personlization
- additional security by implementing forget password option

Gamification (Fun Stuff)

Point & Badge system

As a student, I want to receive points and badges after completing an exercise following a lesson, so that I can track my progress and stay motivated to learn.

Acceptance Criteria

Given that a student earns a badge after completing an exercise, when the student shares their badge on social media or with their peers, then the system should provide an option to allow the student to share their badge and promote their achievement.

Given that a student earns a badge after completing an exercise, when the student views their badges on their profile or dashboard, then the system should display a clear and concise explanation of what the badge represents and how it aligns with their learning objectives.

Given that a student earns points and badges after completing exercises, when the student views their points and badges on their profile or dashboard, then the system should provide feedback and recommendations on areas where they can improve and progress further in their learning.

Interaction

Contact System

As a student, I want to be able to interact with my teacher in real-time, so that I can get help with any questions or doubts I may have during my studies.

Acceptance Criteria

Given that a student is connected with a teacher for live doubt solving, when the student types their question or doubt in the chatbox, then the teacher should be able to see the question and respond with an answer or explanation in real-time.

- Interaction between students and teachers for live feedbacks and problem solving
- An open-source forum which includes the solutions of the exercises done by students which can be commented by other users of the site

points system after finishing an exercise
or a task

badge system after the user completes a full course