Brief

An introduction (landing page), a student platform, a teacher platform.

The student dashboard should be designed to include 1 course and a 32-week curriculum for now.

The main functions of the ==student platform==:

- An ==online Python IDE== should be integrated
- Activities completed by students should be recorded
- Activities sent to the teacher platform.

Main functions of the ==teacher dashboard==:

- Access to student and parent information
- Creating an ==attendance system== and ==homework control system== for students.

Breakdown

General Features

The platform will allow the users to sign in a sign up using email

The platform will have a Python IDE for the students to compile, test and submit programming based problems

The platform will have multiple users as students and teachers

The platform will have a single course with a predefined curriculum

The platform will allow the students to access the curriculum and the resources inside it

The platform will allow the teachers and students to edit their profile

The platform will track the student progress through an automated tracking system based on the student activity

Student Dashboard

The student dashboard will allow the student to access he online Python IDE for solving the problems given in the curriculum.

The student dashboard will allow the student to view their grades and progress based on their activity on the platform.

The student dashboard will allow the student to view the completed, upcoming and incomplete activities

The student dashboard will send the student activities regarding the curriculum to the dedicated teacher

Teacher Dashboard

The teacher dashboard will allow the teacher to manage multiple students

The teacher dashboard will allow the teacher to see the student's activity

The teacher dashboard will allow the teacher to make changes to the curriculum

The teacher dashboard will allow the teacher to create and publish home works

The teacher dashboard will allow the teacher to create and monitor an attendance system