

Web Technologies – IN 1620

Group 7 - Project Proposal

Project Title: Sanora Education Institute

Group Members:

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Introduction

As the corona virus spread around the world, so did social isolation. This led to a breakdown in education in the country. Children were barred from attending schools as well as tutoring classes. Therefore, we planned to create a website for online tutoring for students attending tuition classes.

This website is designed for students in both the Ordinary Level and Advanced Level sections. A new user must first register on the website. The website is open to registered students only. Website changes can only be made by relevant teachers.

The student should indicate the relevant section and the subjects required for study in the registration form. The student can then access the web page relevant to the chosen subject. The relevant teacher uploads the lesson of each month to the website in video parts. The video segments will not be downloaded and the tutorial for that month will be canceled within 2 months. The monthly fee can be paid online through the website, and after the payment is made, you can watch the relevant videos of the month. In addition to the subject related courses, question papers and additional tutorials related to the subject can be downloaded.

Use Cases

- Create User

Student

Teacher (Admin)

- Retrieve Data

Videos

Tutorials

Test Papers

Bank Account details: account holder's bank account details as students also make payments online

- Update Data

Updating the details used by student during registration: change the student's phone number, email address, etc., and register for other subjects in addition to the subject currently being studied through the website

- Delete Data

Delete videos: delete videos submitted by the teacher within 2 months

Delete Account: if a student wants to delete his account

Used Technologies

- Designing – sketch (Figma)
- Database (MySQL)
- Web Markup (HTML)
- Style sheet (CSS)
- Dynamic updating (Java Script)
- Backend Language (PHP)
- Front end framework (Angular)
- Back end framework (Node.js, Express.js)

