

NORTH SOUTH UNIVERSITY

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING



PROJECT REPORT ON

Tuition Seeking Website: tuition portal

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1 Introduction

In Bangladesh, we see many advertisements labelled 'Need Tutors' and 'Need students' roaming around in places such as wall posters in the neighborhood, Facebook posts, or just pop-up during conversations in our everyday lives- all of which are unorganized ways of seeking tuition and students.

1.1 Problem Statement

The major goal of the Tuition Seeking website is to help students learn more effectively and help teachers find students who need their services.

1.2 About Tuition seeking website

This tuition-seeking website will act as an organized platform which brings both tuition seekers and providers in one place, who can get their perfect 'tuition match' according to their preferred locations. The users can rate tuition providers according to their experience and the tutors can update their availability status. Students who want private tuition can select the location where they want to study and find a list of available tutors for their desired subjects. Tutors willing to study certain subjects can select the locations where they can teach and their profile details will provide the subjects their qualifications and the subjects they will teach.

Repository link: https://github.com/Refah-Tasnia/CSE311L-Project_Spring2022_Group-11

2 Purpose and Benefits of Tuition Seeking website

The major goal of the Tuition Seeking website is to help students learn more effectively. This website will give the opportunity to the students to choose the most experienced teacher hassle free, and it will make it simple for teachers to get tuition. Traditional ways of looking for tuition led to issues such as a communication gap between the service provider and the recipient, such as losing tuition details or the tuition seeking post existing but getting expiring. Many seekers are also ignorant of chances that are right around the corner. This website will alleviate these issues by providing an efficient means for teachers and students to engage and improve educational quality. Because of the website's availability status function, the time lag of looking for instructors or waiting for tutors who are genuinely unavailable. As a result, the website saves time and serves as a tool for increasing access to high-quality education in society.

2.1 Benefits of Tuition seeking website:

- 1)Providing an easy-to-use platform: This website will help to get rid of the hassle of conventional methods for seeking and providing tuition. This website can be easily accessible to both of the teachers and the students.
- 2)Organizing the user's details: This website will collect and arrange information by categorizing it by location for easier access.
- 3)Notifying tutors: When a student is found, the tutor will be notified right away.
- 4)Notifying students: If a teacher becomes available for a location where none previously existed, the students will be notified.
- 5)Tutor ratings: Tutors can be rated by students for a better user experience.
- 6) Reduced cost and time: This website will assist in locating tutors and students without the need to search and waste time.

2.2 Tuition Seeking Website Features:

The website will open with a view for both tuition seekers and providers, with choices to choose which category the user belongs to. The student option allows them to choose the locations where they want to find tutors. The tutor option allows you to create a new tutor account or login to an existing one. The teacher and students can also use the options in the top right corner of the web page's homepage to log in or create an account.

Once a student has created an account:

- i) their preferred locations can be listed.
- ii) the subjects they need tutoring in can be listed.
- iii) they can save their preferred tutor info.
- iv) they can put a "tutor wanted" post.

Once a tutor has created an account:

- i) they can provide their details such as subjects willing to teach, their location, their qualifications etc.
- ii) they can enlist their names under preferred locations.
- iii) they can put a post for providing tuitions.

3 User Story

Use case 1:

Mr X needs to search for students in Tuition portal. He has 2 options: 1) He edits his location information and the courses he takes, which will appear whenever a student searches for tutors at a specific location

2) He can request a student (with premium subscription) whose wishlist requirements match his characteristics (course, schedule, location)

Use case 2:

Student Y needs to find teachers at his location. He can:

1) Search for teachers available at his location

2) Create a wishlist(premium subscription) and if any teacher matches the criteria and sends a request, student Y will be notified about it

4 Front-end plan:

These are the pages used in our website:

1. Home page
2. Login page
3. Register page
4. Students profile page
5. Tutor profile page
6. Locations page
7. Teachers found in desired location page
8. Admin Login page
9. Admin profile page
10. Payment page for premium subscription

5 Back end development:

1. Account Creation:

- a. Sign up form (tutor and student separately)
- b. Login (separate login pages but same UI)

2. Profile Management:

- a. Student Profile
- b. Teacher Profile
- c. Admin Profile

3. Searching facility:

- a. Tutor search
- b. Student Search

6 Tools and Technologies:

1. Database: MySQL

2. PHP

7 Project Schedule:

Phase 1 will take a total of 6 weeks from the day of start. Calculated Man-month = $8.5/4 =$

Sl	Deliverable	Week					M
		1	2	3	4	5	
1	Front end development*	-	-	-	-	-	
2	Profile management		-	-	-		
3	Account management			-	-	-	
4	Search facility			-	-	-	
5	Deployment and final release					-	
Total duration		1.5	2.5	2.5	1.5	0.5	

2.123. Excluding front end development it will become

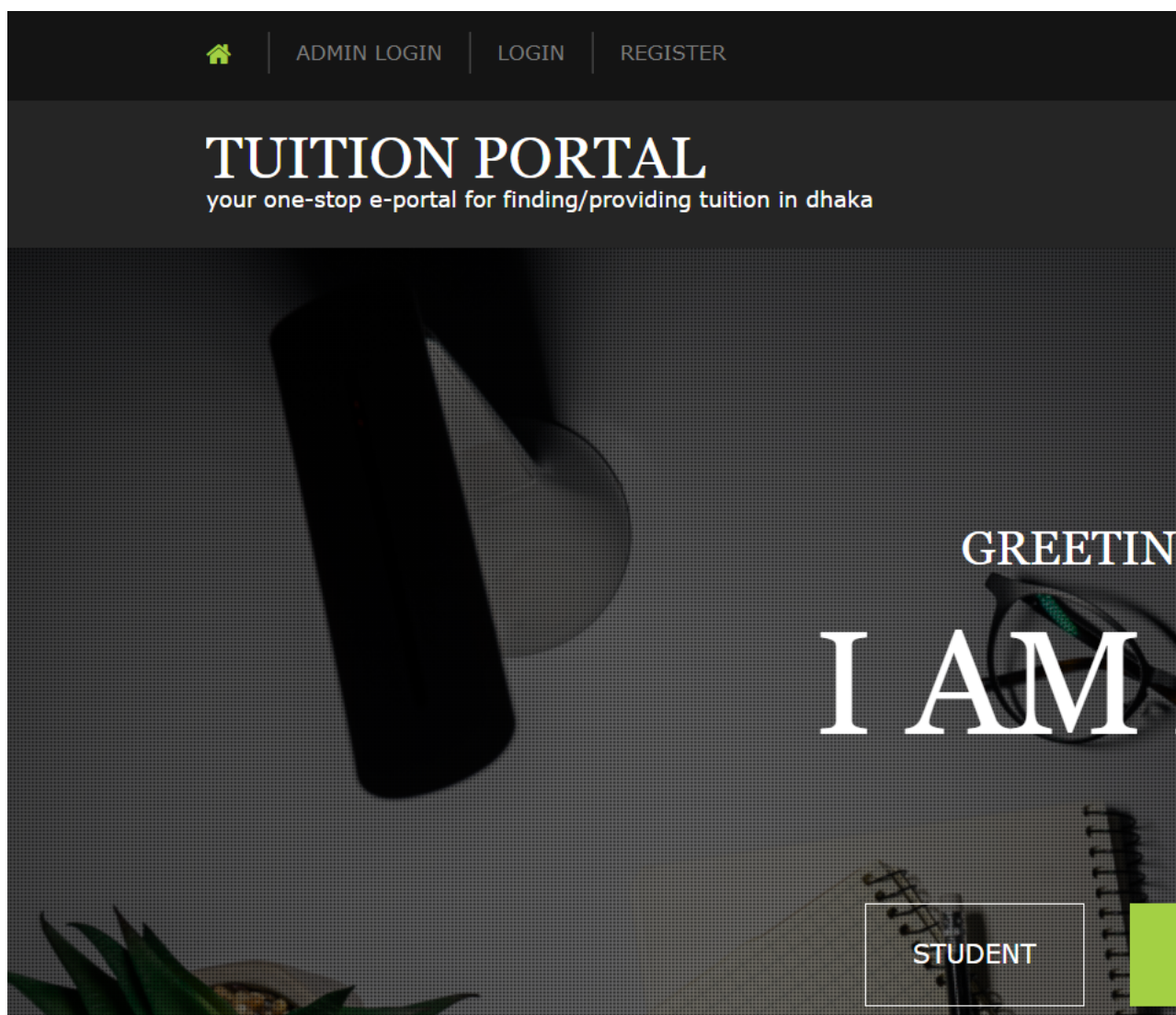
8 Budgetary Price:

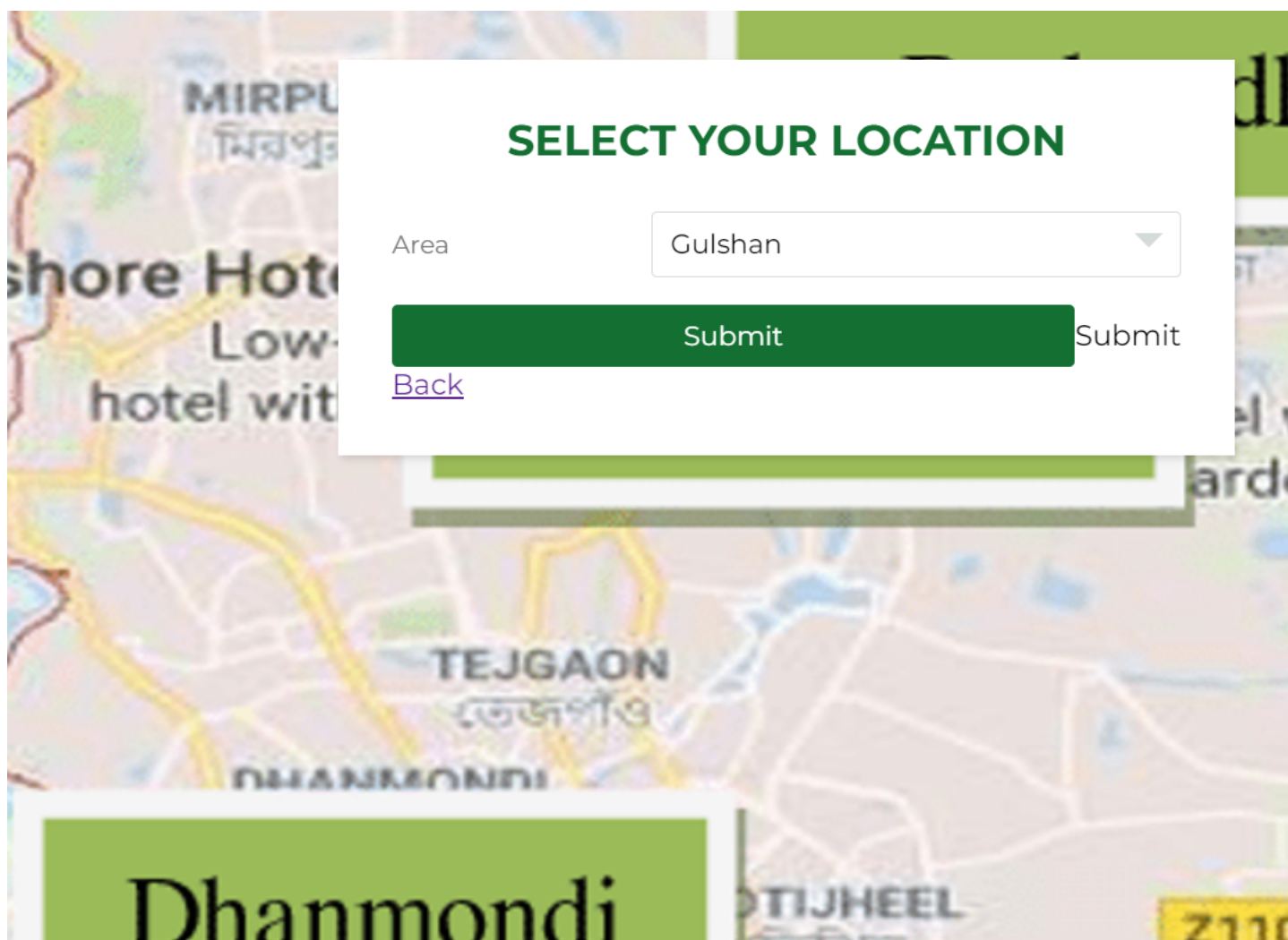
Excluding front end development (2.5 man-week) total time plan = 6 weeks. Following table shows Tuition Seeking Website expense. In addition, based on requirement as it reveals during project Tuition Seeking Website will help one choose the appropriate cloud hosting.

SL	Deliverable	Expense	Comment
1	UI design	xxxxx	
2	Front end development (HTML)	xxxxx	
3	back-end development	xxxxx	
4	Database design (MySQL)	xxxxx	
6	Setting up middleware	xxxxx	
7	UI integration (HTML clean up and optimization)	xxxxx	
	Total	xxxxx	

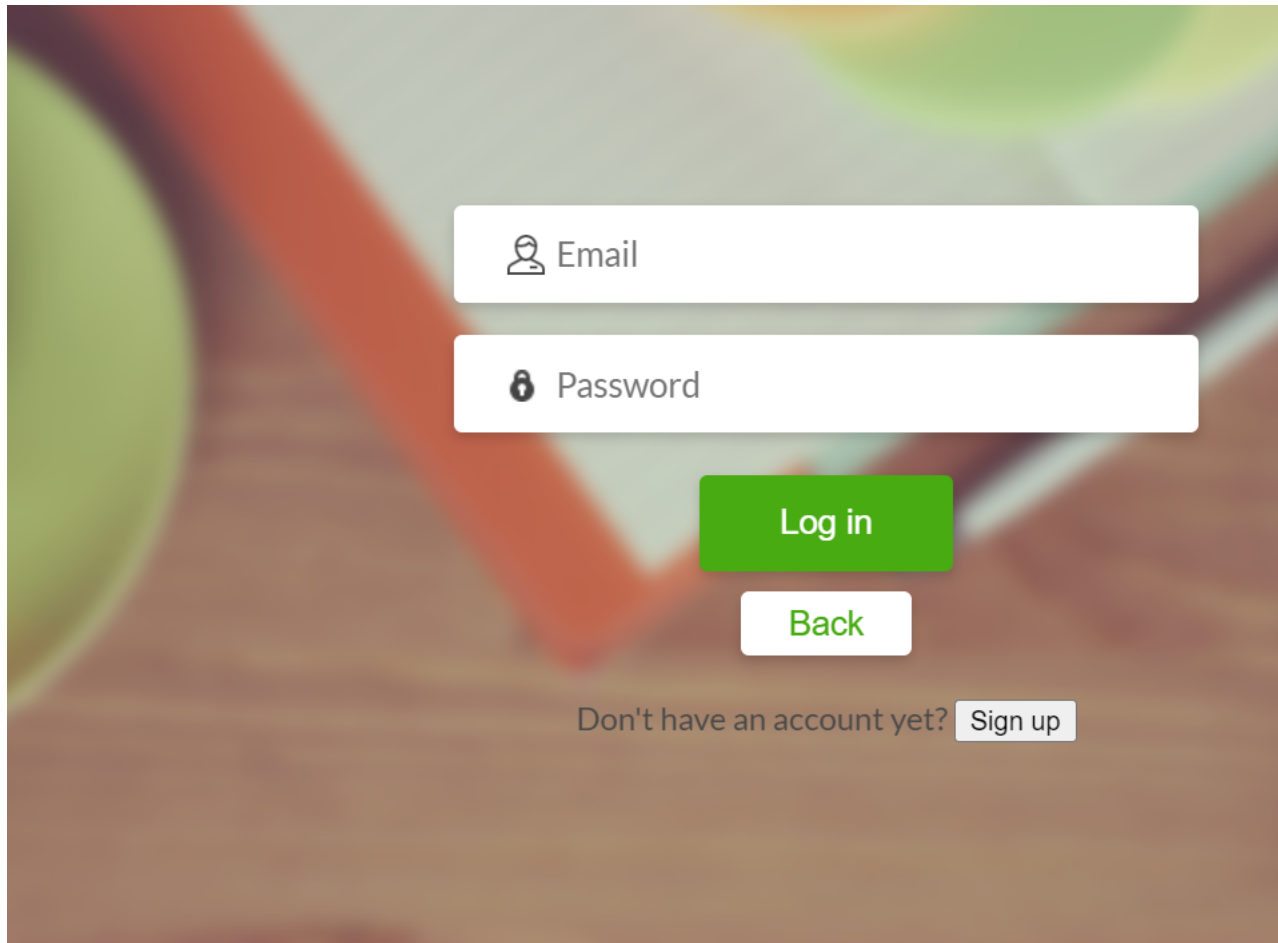
That expense is not included here.

9 Screenshots of Project:





9 Screenshots of Project:



Tutor Sign Up

First Name

Last Name

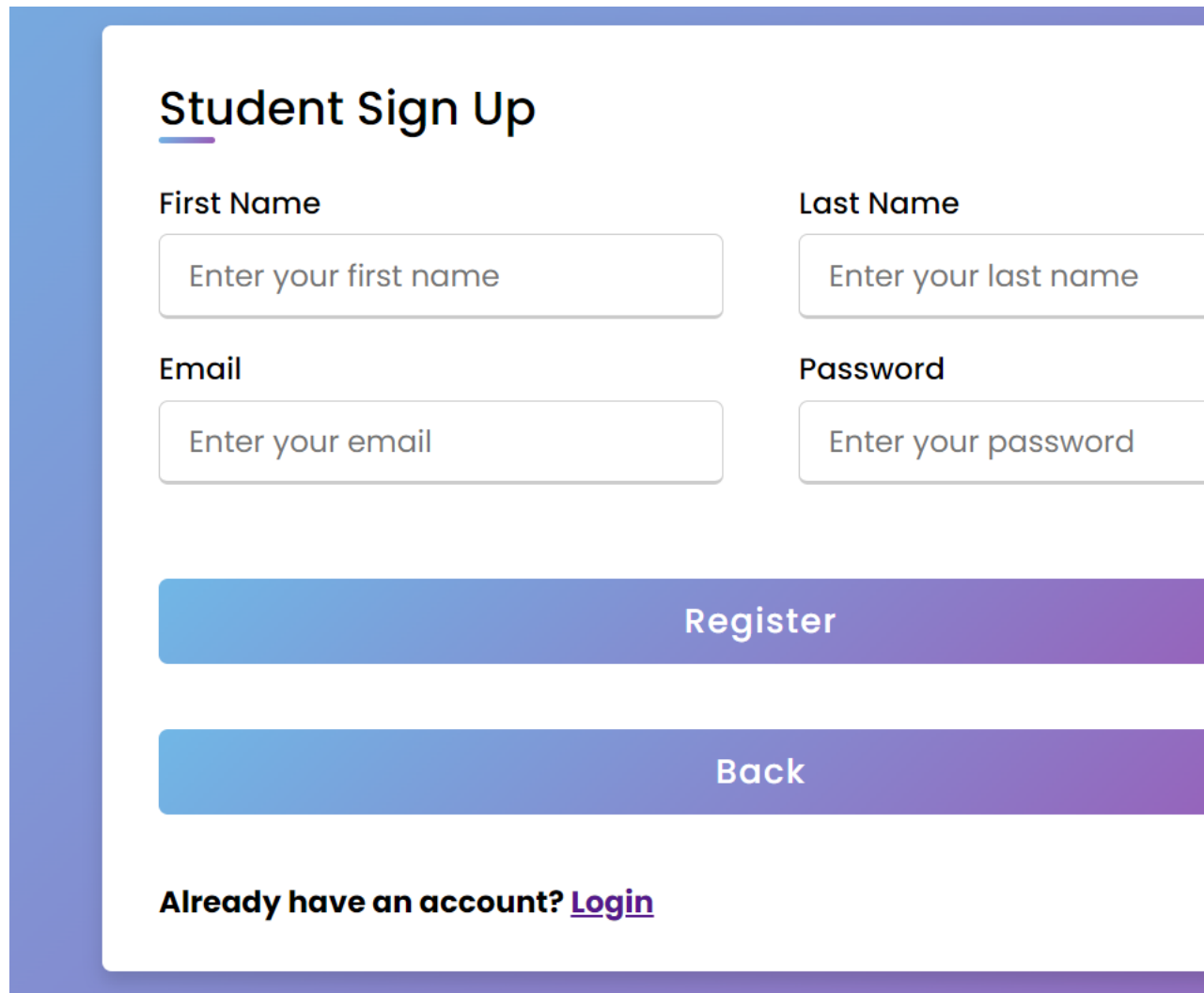
Email

Password

Register

Back

Already have an account? [Login](#)

A screenshot of a web form titled "Student Sign Up". The form is set against a light blue background with a darker blue vertical bar on the left. It contains four input fields: "First Name", "Last Name", "Email", and "Password". Each field has a placeholder text. Below the fields are two large buttons: "Register" and "Back". At the bottom, there is a link for users who already have an account.

Student Sign Up

First Name
Enter your first name

Last Name
Enter your last name

Email
Enter your email

Password
Enter your password

Register

Back

Already have an account? [Login](#)

10 Conclusion

This tuition seeking website, Tuition Portal, is a technological tool based on database interaction that eases the search for teachers and/or students. This website is user-friendly and its premium features keeps the demand for this website going, as the site becomes more useful upon subscription.