



PAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

Web Development

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1. Introduction:

TutorEd is a web-based platform designed to facilitate the connection between students seeking academic assistance and tutors who can provide tutoring services. This application aims to simplify the process of finding and scheduling tutoring sessions, making it a convenient and accessible solution for students of all academic levels. This documentation report provides a comprehensive overview of the application's objectives, the services it offers, and its intended audience, along with a description of the function of each page.

2. Objectives:

The primary objectives of the TutorEd are as follows:

To provide a centralized platform for students to find qualified tutors.

To enable students to schedule tutoring sessions based on their needs and preferences.

To offer a seamless communication channel for students and tutors.

To create a user-friendly and secure environment for academic interactions.

To foster a supportive online community for academic growth.

3. Services Offered:

User Login: Registered users can log in to access their accounts.

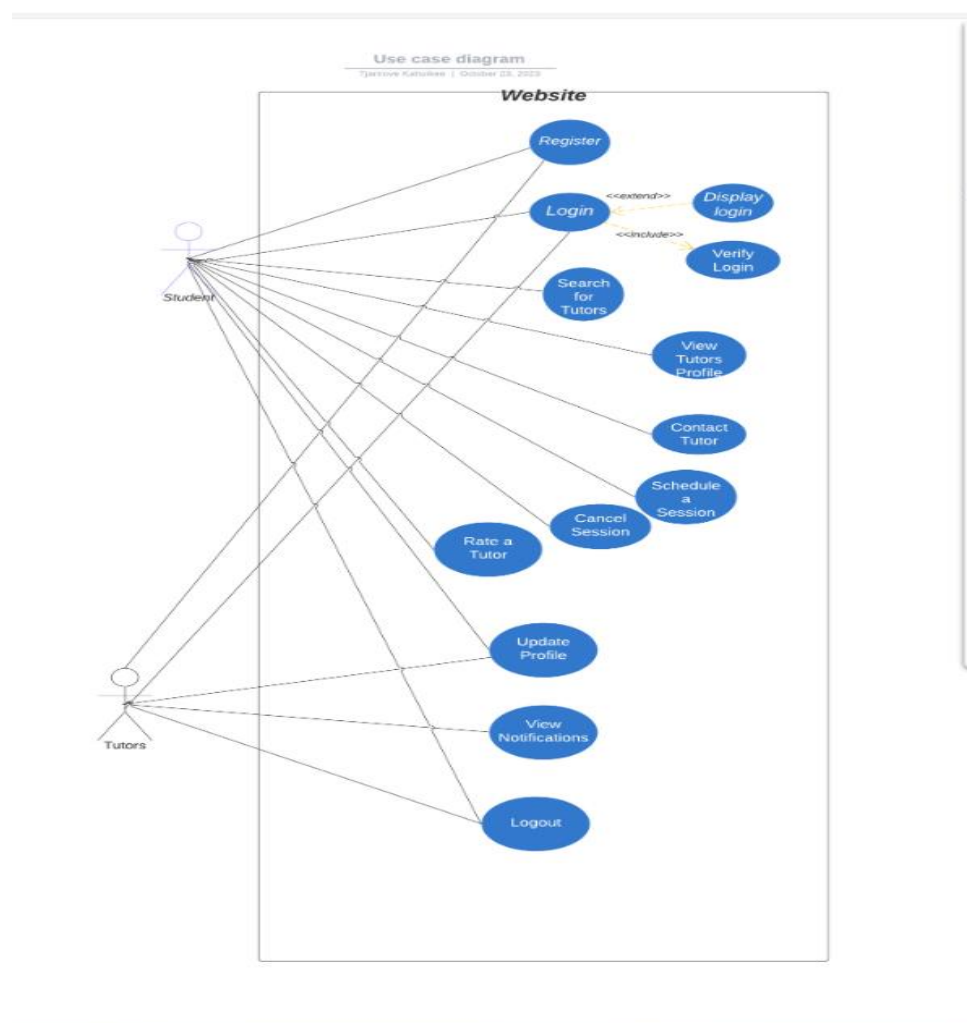
Search for Tutors: Students can search for tutors based on subject areas and other criteria.

View Tutor Profiles: Students can view detailed profiles of tutors, including their qualifications and availability.

View Notifications: Users can check notifications related to their sessions and interactions.

Log Out: Users can log out of their accounts for security and privacy.

4. Use Case Diagram



Primary Actor: Student

Preconditions:

The student has logged into their account.

The student has conducted a search and selected a tutor.

Postconditions:

A tutoring session is scheduled, and both the student and the tutor are notified.

The session details are added to the student's and tutor's profiles.

Main Flow:

The student logs into their account on the Student-Tutor Connection Website.

The student conducts a search to find a suitable tutor. They can filter the search based on subject, availability, location, or hourly rate.

The student selects a tutor from the search results, viewing the tutor's profile to ensure compatibility and expertise.

Satisfied with their choice, the student initiates a request to schedule a tutoring session with the selected tutor.

The system prompts the student to provide details for the session, including the preferred date, time, and location.

The student confirms the session request.

The system notifies the selected tutor about the session request, providing the details.

The tutor reviews the session request and can either accept or decline it. If accepted, the tutor confirms the session details.

The system sends a notification to the student, informing them of the tutor's response. If the tutor accepted the request, the session is now scheduled.