**Writing Centre Booking Platform for Ashesi Students**

**Overview**

This web-based application allows students to schedule tutoring appointments and manage bookings efficiently. Tutors can set their availability, and admins can oversee user activity, bookings, and scheduling.

This system simplifies the appointment scheduling process, handles tutor availability, and provides an admin dashboard for streamlined management.

**Features**

1. **User Authentication**
   * Login and registration for students and tutors.
   * Secure user management.
2. **Appointment Scheduling**
   * Students can schedule one-on-one tutoring sessions.
   * Tutors can manage their availability slots.
3. **Booking Management**
   * Admins can view and manage all bookings.
   * Tutors can update their availability and session status.
4. **Admin Dashboard**
   * View and manage users, tutors, and bookings.
   * Monitor overall system activity.
5. **File Uploads**
   * Upload profile pictures and manage files.

**Technologies Used**

**Frontend**

* **HTML**: Structure for web pages.
* **CSS**: Styling for layout and design.

**Backend**

* **PHP**: Server-side scripting for business logic and processing.

**Database**

* **MySQL**: Relational database for storing user, tutor, and booking information.

**Other Technologies**

* File Uploads: Managed via the uploads/ directory.
* Sessions: Used for secure user authentication and data handling.

**Setup Instructions**

**1. Prerequisites**

* Install **XAMPP/WAMP** (for Apache and MySQL).
* Install a web browser (Chrome, Firefox).

**2. Database Setup**

1. Start your XAMPP/WAMP server.
2. Access phpMyAdmin at http://localhost/phpmyadmin.
3. Create a new database named writingcenterfinal.
4. Import the writingcenterfinal.sql file into the database.

**3. Configure Database Connection**

1. Open db/config.php.
2. Update the following credentials as needed:
3. $host = "localhost";
4. $username = "root";
5. $password = "";

$dbname = "writingcenterfinal";

**4. Run the Application**

1. Place the project folder inside the htdocs directory (for XAMPP) or the relevant server folder.
2. Start Apache and MySQL in XAMPP/WAMP.
3. Open your browser and visit:
   * http://localhost/project\_root/index.php.
4. Use the signup or login pages to test the system.

**Sample User Credentials**

* **Admin**:
  + Username: admin@example.com
  + Password: admin123
* **Tutor**:
  + Username: tutor@example.com
  + Password: tutor123
* **Student**:
  + Username: student@example.com
  + Password: student123

**How to Use**

1. **Students**:
   * Register and log in.
   * Schedule tutoring sessions based on tutor availability.
2. **Tutors**:
   * Log in and update availability slots.
   * Manage booked appointments.
3. **Admins**:
   * Log in via the admin dashboard.
   * Manage all users, bookings, and tutor availability.

**Future Enhancements**

* Add notifications and reminders for appointments.
* Integrate calendar features (e.g., Google Calendar API).
* Include payment gateways for prepaid sessions.
* Enhance UI with a frontend framework (e.g., Bootstrap).

**Thank you!**