FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGIES

SPRING 2025

FINAL EXAMINATION

COURSE TITLE:	Advanced Web Development
COURSE CODE:	SEN3243
INSTRUCTOR:	Engr Tanwi Nkiamboh
DURATION:	2 weeks

INSTRUCTIONS:

- ✓ **Each student will present in 3 minutes.**
- ✓ **Your report should not exceed 30 pages**

Project Title: Online Event Booking System

The goal of this project is to develop a fully functional Online Event Booking System where users can browse, search, and book tickets for various events. The system will be built using **HTML, CSS**, and **Bootstrap** for the front end, **JavaScript** for client-side interaction, and **PHP** with **MySQL** for server-side logic and database operations.

Project Features:

1. **User Authentication:** Implement user sign-up, login, and session management. Registered users can manage their profiles and bookings. **(5 marks)**

2. **Event Listings Page:** Display a catalogue of available events, showing each event's name, date, time, venue, organizer, image, and price. **(5 marks)**

3. **Search Functionality:** Implement a search bar and filters (by event name, location, or date). **(5 marks)**

4. **Event Details Page:** Show detailed information about each event, including a map, organizer contact, ticket types, and a button to book. **(5 marks)**

5. **Booking Cart:** Allow users to add event tickets to a cart. Users can view, update, or remove items from their cart. **(10 marks)**

6. **Checkout Process:** Simulate a checkout process where users provide payment and attendee information. Confirm successful bookings. **(5 marks)**

7. **Booking History:** Provide a user dashboard to view past and upcoming event bookings, including ticket download or QR code generation. **(10 marks)**

8. **Admin Panel:** Create an admin interface where administrators can: Add/edit/delete events, view all bookings, generate reports by date, event, or user. **(15 marks)**

9. **Documentation** covering project overview, design, implementation, deployment, code explanation and user manual. **(10 marks)**