

**Proposed Title:**

"Developing a Health Clinic Patient Registration and Scheduling System"

**Description of the Proposed Capstone:**

This project involves designing a web-based patient registration and scheduling system for health clinics. The system will allow patients to register online, providing their personal information and medical history before visiting the clinic. It will also enable patients to book, modify, or cancel appointments based on doctor availability. Healthcare staff will be able to manage appointments, view patient records, and track patient visits, streamlining the administrative workload and improving patient experience. The system aims to reduce wait times and eliminate administrative inefficiencies in clinics.

**Problem:**

Health clinics often face challenges in managing patient registrations and appointments manually or through inefficient systems. This leads to scheduling conflicts, long wait times, and errors in patient records. Patients may also face difficulties in registering or booking appointments.

**Solution:**

The proposed solution is an online system that automates patient registration and appointment scheduling, allowing patients to register and book appointments ahead of time. Healthcare staff will benefit from a streamlined process for managing appointments and patient information, improving workflow efficiency and reducing errors. The system will enhance the overall patient experience by allowing for quicker and more accurate appointment scheduling.

**Proposed Title:**

"Online Rental Management System for Property Owners"

**Description of the Proposed Capstone:**

This project involves creating a web-based rental management system designed for property owners to efficiently manage their rental properties. The system will allow property owners to list their properties, track tenant information, manage rent payments, and schedule property maintenance. Tenants will also have access to the platform to make rent payments, submit maintenance requests, and view lease details. The aim is to streamline the rental process for both property owners and tenants, improving organization and reducing administrative workload.

**Problem:**

Property owners often struggle with managing multiple rental properties, keeping track of rent payments, maintaining records of tenant information, and scheduling maintenance. The lack of an integrated system can lead to inefficiencies, missed payments, and unorganized property management.

**Solution:**

The proposed solution is an online rental management system that enables property owners to manage their rental properties in one central platform. Features will include rent payment tracking, tenant management, maintenance scheduling, and property listing. The system will help property owners keep all their rental management tasks organized and improve communication with tenants.

**Proposed Title:**

"Event Attendance and Access Control System for Venue Registration"

**Description of the Proposed Capstone:**

This project involves creating a web-based system designed to manage event attendance and access control for venues. The system will allow event organizers to register attendees, issue unique ticket numbers, and verify their attendance at the venue entrance. Attendees will register online, receive a confirmation email with their unique ticket number, and be able to check-in using that ticket number at the event entrance. Event staff will use a simple admin panel to verify ticket numbers, allowing only registered attendees access to the event.

**Problem:**

Event organizers face challenges in managing attendee registration and entry at events, often relying on manual check-in methods, which can lead to delays, security concerns, and an inefficient check-in process. This results in longer wait times and a poor experience for attendees.

**Solution:**

The proposed solution is an online event registration and access control system. The system will automate attendee registration and generate unique ticket numbers for each user. At the event entrance, staff can verify the ticket number manually or via an admin panel. This will streamline the check-in process, enhance security, and improve attendee experience by reducing wait times.