Cayenne Wellness Center

Two Systems Analysis Projects

FALL 2024 | BUSINESS / SYSTEMS ANALYSIS | 6 STUDENTS | 2 TEAMS

Six senior Information Systems students worked in two faculty-supervised teams on distinct Cayenne Wellness Center initiatives. Each team followed the same systems-analysis process while addressing a different objective: one designed a Speaker Management System for Event Tracking, and the other designed an Event Management System for sickle cell education and awareness activities.



Speaker Management System team

PROJECT 1

Speaker Management System for Event Tracking

OBJECTIVE

Develop a system concept to help Cayenne Wellness Center coordinate speakers and track the information needed to support educational, awareness, and community events.

ARTIFACTS PRODUCED

- Proposed solution summary and requirements findings
  - Use-case descriptions and diagram
  - System-component definitions
  - Iterative application design
  - GUI storyboard/prototype and client presentation



Event Management System team

PROJECT 2

Event Management System

OBJECTIVE

Develop a system concept to organize and track sickle cell education, awareness, and community events across the United States, supporting a more consistent view of event information and activities.

ARTIFACTS PRODUCED

- Proposed solution summary and requirements findings
  - Use-case descriptions and diagram
  - System-component definitions
  - Iterative application design
  - GUI storyboard/prototype and client presentation

A MULTI-SEMESTER COLLABORATION

SPRING 2024

Recruiting-tracking process automation

FALL 2024

Two distinct systems-analysis projects

SPRING 2025

WordPress website based on established designs