YMCA of Metropolitan Los Angeles

WinAutomation-to-Power Automate Conversion

FALL 2024 | BUSINESS / SYSTEMS ANALYSIS | 3 STUDENTS

Three senior Information Systems students worked as a faculty-supervised consulting team with the YMCA of Metropolitan Los Angeles to plan the transition of an existing WinAutomation-based process to Microsoft Power Automate. The team examined the project need, gathered requirements, modeled how users would interact with the proposed solution, and developed an application concept and prototype for partner review.



WinAutomation-to-Power Automate conversion team presentation

PROJECT OBJECTIVE

Develop a systems-analysis plan for converting an existing WinAutomation-based process to Microsoft Power Automate, supported by documented requirements, system models, and a reviewable prototype.

STUDENT CONTRIBUTION

The team gathered user input, translated the findings into functional requirements and use cases, defined the proposed system components, and refined the application concept through design iterations.

ARTIFACTS PRODUCED

- Proposed solution summary and requirements survey
- Brief use-case descriptions and use-case diagram
- System-component definitions
- Iterative application-system design
- GUI storyboard / prototype and client presentation

COMMUNITY VALUE

The project gave the YMCA a structured, reviewable concept for considering a transition to Microsoft Power Automate, including documented user needs and a prototype that could support partner feedback and future decisions.

LEARNING VALUE

Students applied requirements analysis, use-case modeling, application design, prototyping, and client communication while addressing a real organizational technology need in a semester-long engagement.