

Cardinal Restaurant POS Review 0

Objective

Restaurant POS System for UofL Dining Services

Proposal Summary

The objective of this project is to create a two-way interface, for both the UofL students and Cardinal Dining Services, to make it easier for students to order food, and get recommendations from a chatbot, keeping in mind specific criteria (Flex Points, dietary restrictions, etc.) The system would also allow for ease of transaction for restaurant workers on campus who can process orders and organize financial databases.

Team Collaboration

We will communicate through text messages and weekly meetings on campus. The meetings will be 1-2 hours and we will discuss our goals, progress, and current objectives for the project.

Name	Role
Tanner Waford	<ul style="list-style-type: none">• Plan out layout/design of program in Python and pop up window of POS• Assist in building code to meet project objective
Saketh Sangaraju	<ul style="list-style-type: none">• Integrate the AI chatbot to provide recommendations of items, based on ingredients and price (GROQ API)• Develop the user interface for customer and vendor screens with Python Tkinter
Huy Truong	<ul style="list-style-type: none">• Testing and evaluate the program to find bugs and room for improvement• Writing a project report that ensures all features are clearly explained
Sraddha Patri	<ul style="list-style-type: none">• Write project report• SQL/Excel database of all restaurants (MP), menu items, and prices. (include ingredients in menu items)