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Maukan Mir
Object Oriented Programming
Summer B,
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Final Project Road Map

- Create a number of elements toward the building of one of the following systems: Note - you won't be building the entire system - just pieces
 - Pizza Ordering System (like Domino's online for example)
- The elements you are responsible for include:
 - A minimum of 12 use cases - fully elaborated!
 - A rough sketch of the UI of the system to give yourself some grounding
 - Architecture Diagram showing major systems
 - Class Diagram for major classes in your system - 12-15 classes
 - Create a sequence diagram for 1-3 objects that realize one of your use cases
 - Python application using the 6+ major classes demonstrating the core functionality - GUIs are NOT required.
- I'm open to you working in groups of 2. Each student in the group must submit a statement indicating the work you performed on the project as well as an assessment of the other member.

Lay out what project you will attempt

Our project will attempt to make an online pizza ordering application, similar to existing systems like dominoes Pizza. This system will have a front end interface, in which the user will be able to sign up, log in, find a restaurant near by , create and order and have that delivered.

Coordinate the work:

Created Git repo to start adding work

Created slack group to keep in communication regarding requirements and changes.

Using our previous class diagrams, and use cases (from week 4 work) we combined the best ideas from each group member, and created a more elaborate architecture.

This section of the work was completed 50/50

Additionally, we made a road map of all requirements of class creation from the class diagram and use statements. We split up the work for class creation evenly, one group member focusing on the restaurant menu, food items, the other member focusing on Employees, task creation and completion, and the rest of the process. Once these sections are completed, we will have a meeting to discuss the direction and further requirements of the project.

Maukan has the added responsibility of creating the database and ensuring that the classes provided can be saved to and pulled from the database successfully. Hector will work on the flask UI. All integration, debugging and testing will be done by both team members.

Our approach to this project will be to create changes regularly and maintain frequent communication to ensure that all code will serve its functionality, will achieve its goal in the architecture, and can be integrated free of errors. Tools such as git and slack will provide the communication and work integration.

Start to gather requirements:

UI : Flask

Database: SQLite or MongoDB

Build your initial use case diagram (elaboration can be included)



