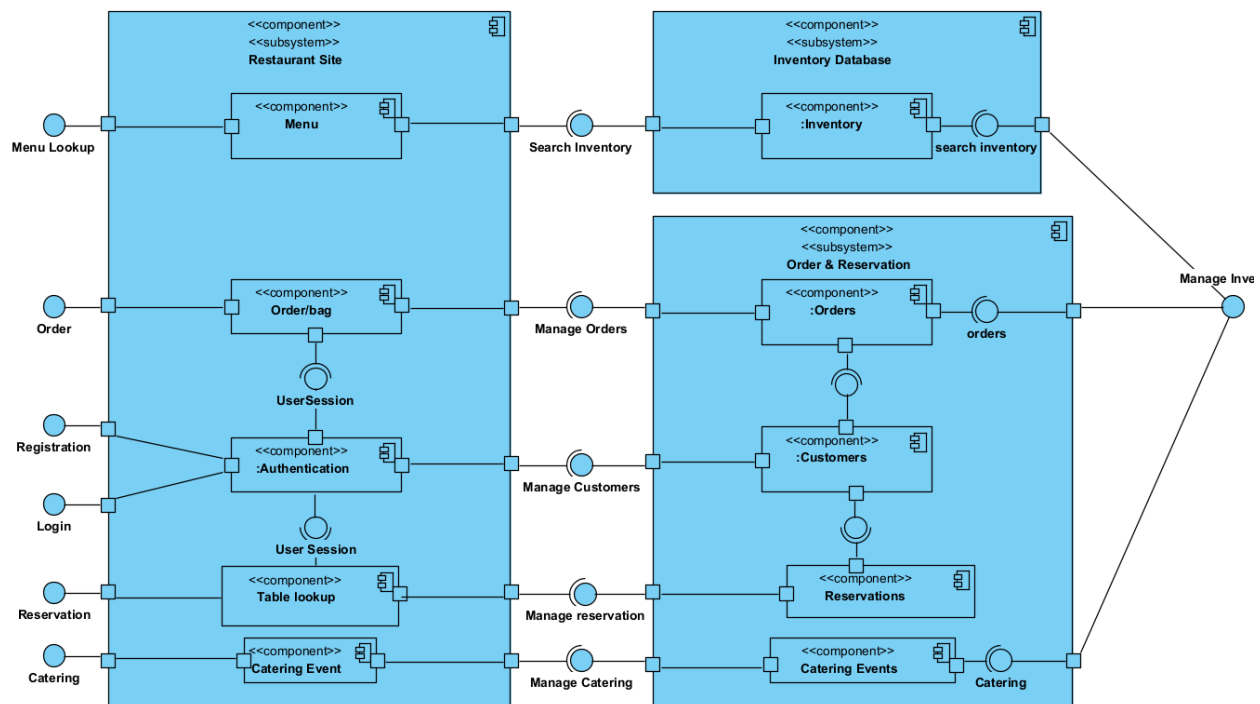Assignment – 02

Software Engineering Practice 2025 Spring

Due on 31st Friday at 5:00 PM

After breakdown the requirements into user stories in first assignment, your job is as follow:

1. Identify the **key core** components of your project. (Draw the diagram, use any package your are familiar with)

The key core components of the project are the restaurant site, inventory database, order reservation system.

2. Identify the subcomponents of the components, if any.

Restaurant Site:

- Menu
- Ordering
- Authentication
- Table lookup
- Catering Event

Inventory Database:

- Inventory

Order Reservation System:

- Orders
- Customers
- Reservations
- Catering Events

3. <mark>Identify the relationship between components, if any.</mark>

Inventory database provides information to the restaurant site. Order and reservation provides information to the restaurant site.

4. <mark>Identify dependencies among components, if any.</mark>

Our project has no dependencies.

5. <mark>Identify your interfaces, if any.</mark>

Going into the restaurant site:

- Menu lookup
- Order
- Registration
- Login
- Reservation
- Catering

Providing Information to Restaurant Site

- Search Inventory
- Manage orders
- Manage customers
- Manage Reservation
- Manage catering

Inventory Management

- Manage Inventory

6. <mark>Add any relevant information.</mark>

n/a