Scheduling Module

Jason’s finding it difficult to keep up with his catering jobs.

Each catering job requires Jason to drop off and set up the food and then return to pick up the serving dishes. Sometimes, Jason returns to the customer’s site multiple times during the event to refresh food, or bring other courses.

Jason would like to schedule these appointments.

User Story

As the owner of this business, I would like to record my appointments and be able to see my appointments for a single day on a map. I would like to record my appointments in 1 hour blocks.

Acceptance Criteria:

1. Must be able to record multiple appointments for a customer in one day.
2. Must be able to query calendar by day and see the results on a map.

Use Case Descriptions

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | Create Customer Appointment | | |
| Triggering Event | Customer has requested service | | |
| Brief Description | Allows the Owner to record an appointment | | |
| Actors | Owner | | |
| Related Use Cases |  | | |
| Preconditions | Owner has opened the Main Menu. | | |
| Post Conditions | Appointment is created and can now be queried | | |
| Flow of activities | Actor | | System |
|  | 1. | Requests to add an appointment | Displays a list of customers and prompts for selection |
|  | 2. | Selects a customer | Displays a list of appointments for customer. Prompts for service date |
|  | 3. | Enters service date | Displays a list of already scheduled appointments for that day. Each appointment has a total hours. |
|  | 4. | Selects a time  Enters appointment description | Generates and displays appointment ID  Prompts for description of service Adds appointment to the list of already scheduled appointments. Prompts to add another appointment for that day and customer |
|  | 5. | Repeats above step until all appointments have been entered. | Displays a list of scheduled appointments for that day.  Prompts to save |
|  | 6. | Chooses to save | Saves the invoice.  Return to the main menu |
| Exception Conditions | * Owner chooses to abort adding the appointment | | |

Your tasks:

1. Create a class diagram to support the above case study and Systems Use Case Specifications
2. Create an object level sequence diagram, detailing the Create Appointment use case specification