

Cordell Event Planning and Booking: Final Project

Group 5, 3 December 2021

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Executive Summary:

At Cordell Technologies, we specialize in improving business functions by creating efficient and intuitive services. These services seek to help employees of the Convention Center and City Dome organize their workflow and reduce their costs in an effort to increase efficiency and profits. Determined to provide an innovative and effective solution to JISE's database troubles; we believe our system will help take the impossible workload off their shoulders and make it easier to operate their business.

Currently, their system is very inefficient, workers have to manually input the reservations and deal with double bookings regularly. Our newly proposed system intends to make the reservation process run smoothly for both the customers and the employees without error. This will ultimately be crucial in providing better service to their loyal and paying customers. For customers of the City Dome and Convention Center who desire a more intuitive and effortless way to plan and book their events, the Cordell Event Planning and Booking System (Cordell EPaBS) uses an online web-based database system architecture that effectively eliminates the need to manually book an appointment by phone call while also reducing employee error due to excess paperwork. The timeframe to complete this project would be about 14 weeks with a budget of about.

Unlike the competition, our product provides consistency, security, and continuous access to key business information to help keep the business running in an efficient and error-free way. Our core mission is to streamline the booking experience for not only the valued customer but also the hardworking employees of the City Dome and Convention Centre. It is our guarantee that through the web-based database architecture that we have proposed that we will do just that.

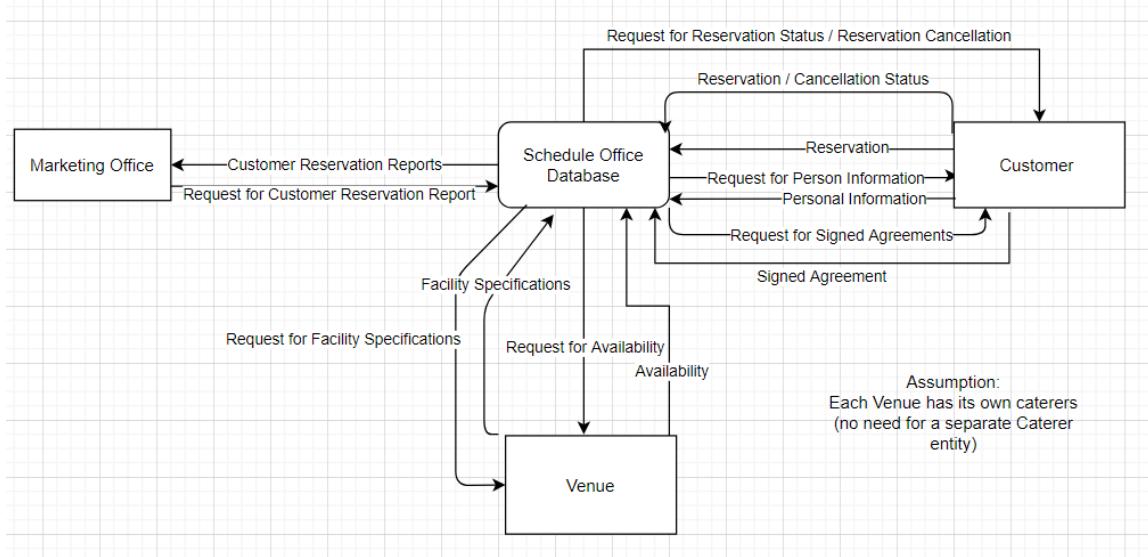
Introduction:

We are Cordell Technologies, a software database company that specializes in improving business functions by creating efficient and intuitive services. These services seek to help employees organize their workflow and reduce their costs -- resulting in increased efficiency and profits. We are dedicated to providing an innovative and effective solution to JISE's database troubles. We believe our system will help take the impossible workload off their shoulders and make it easier to operate their business. The current system is very inefficient, the employees have to manually input the reservations and deal with double bookings regularly. The new system is intended to make the reservation process run smoothly for both the customers and the employees without error. It will also be crucial to providing better service to their loyal and paying customers. Cordell Technologies IT department will take care of implementing the system.

Project Vision Statement:

For customers of the City Dome and Convention Center who desire a more intuitive and effortless way to plan and book their events, the Cordell Event Planning and Booking System (Cordell EPaBS) is an online database system that effectively eliminates the need to manually book an appointment by phone call while also reducing employee error due to excess paperwork. Unlike the competition, our product provides consistency, security, and continuous access to key business information to help keep the business running in an efficient and error-free way. Our core mission is to streamline the booking experience for not only the valued customer but also the hardworking employees of the City Dome and Convention Centre.

Context Diagram:

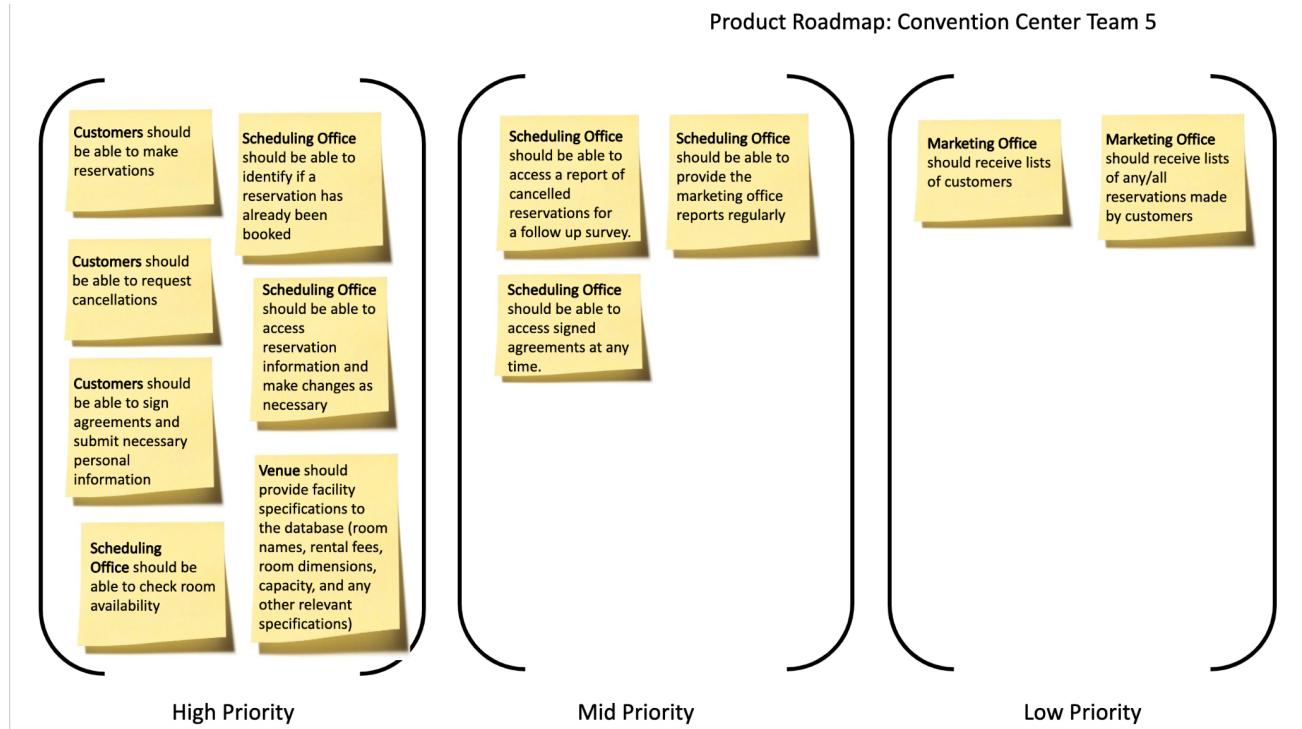


System Request:

- **Project Sponsor:** The City Bowl and Convention Center Directive Board
- **Business Needs:**
 - **Staff and Management:**
 - Eliminate double-booking problem
 - Improve workflow by eliminating need to phone-call
 - Reduce carbon footprint by reducing need for paper
 - **User Experience:**
 - Improve access to information
 - Streamlined User Interface
 - Improve booking experience by eliminating need to phone-call
- **Business Requirements:**
 - **Staff and Management:**
 - Ability to access any signed contracts at any time
 - Ability to access any relevant reservation information to help customers
 - Ability to store information about the venue
 - **User Experience:**
 - Ability to see reservation information online

- Ability to see recommended room for party size
- Ability to make reservation
- Ability to request for reservation cancellation
- **Business Values**
 - **Tangible:**
 - Reduce paper waste and carbon footprint
 - Reduce phone usage
 - Increased sales due to phone line reduction
 - More efficient reservation planning
 - **Intangible:**
 - Increased customer satisfaction
 - Increased employee satisfaction
 - Smoother reservation process
- **Special Constraints:**
 - \$35,000 budget

Product Roadmap:



Updated Product Backlog:

Functional Requirements:

Order	Requirement ID	User Story ID	Item	Type	Status	Estimate
Req. ID -1 An employee should be able to assist customers.						
1	1	101	As an employee, I want to have access to customer information so that I can assist them with their requests/questions/problems.	Functional Requirement	Done	2
2	1	102	As an employee, I want to be able to send follow-up emails to customers so that they can receive any necessary requested information / confirmation of changes made.	Functional Requirement	Done	2
Req. ID -2 The Scheduling Office (employee) should be able to keep a record of canceled reservations.						
3	2	201	As an employee, I want to be able to access system records of all canceled reservations so that I can decide how to help them.	Functional Requirement	Done	1

4	2	202	As an employee, I want to be able to follow-up with these customers later so that they can be assisted.	Functional Requirement	Done	1
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Req. ID –3 A customer should be able to make reservations.

5	3	301	As a customer, I want to be able to select the desired room, date, and time so that I can reserve.	Functional Requirement	Done	3
6	3	302	As a customer, I want to submit personal information so that the office can contact me.	Functional Requirement	Done	3

Req. ID –4 A customer should be able to reschedule reservations and request edits/cancellations.

7	4	401	As a customer, I want to access my customer reservation information so that I can make necessary changes or cancellations.	Functional Requirement	Done	3
8	4	402	As a customer, I want to be able to contact an employee so that I can request changes and/or cancellations.	Functional Requirement	Done	2

Req. ID –5 The Marketing Office (employee) should be able to receive reports.

9	5	501	As an employee, I want to be able to send any pertinent information that the Marketing Office requests so that they can market effectively.	Functional Requirement	Done	3
10	5	502	As an employee, I want to send lists of any/all reservations made by customers so that the Marketing Office can target their marketing.	Functional Requirement	Done	3

Req. ID –6 The customer should be able to have a reliable reservations process (prevent double bookings).

11	6	601	As a customer, I want to have a reliable reservation process, so that the reservation I create does not get double booked.	Functional Requirement	Done	2
12	6	602	As a customer, I want to have a user-friendly and smooth reservation process, so that if I run into a problem the steps on the screen can easily guide me to the correct place.	Functional Requirement	Done	2

Req.ID -7 The Scheduling Office should be able to store venue information.

13	7	701	As a customer, I want to view facility specifications so that I can decide what I want to reserve.	Functional Requirement	Done	1
14	7	702	As a customer, I want to see room availability so that I can understand which rooms are available to book and not book an already reserved room.	Functional Requirement	Done	3

Req. ID –8 A customer should be able to receive assistance from employees

15	8	801	As a customer, I want to contact a scheduling office employee so that I can receive help.	Functional Requirement	Done	2
16	8	802	As a customer, I want to receive follow-up/confirmation emails so that I can confirm.	Functional Requirement	Done	2

Req. ID –9 The Scheduling Office (employee) should be able to store agreements.

17	9	901	As an employee, I want to be able to access signed agreements so that I can assist customers.	Functional Requirement	Done	1
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18	9	902	As an employee, I want to be able to submit agreements to customers so that they can sign them.	Functional Requirement	Done	1
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Req. ID –10 The customer should be able to decide between the caterers and menu selections for both venues.

19	10	1001	As a customer, I want to be able to look at the caterer list for both venues, so that I can decide on the food and cuisine.	Functional Requirement	Done	1
20	10	1002	As a customer, I want to be able to decide on the caterer, so that I can pick my desired food.	Functional Requirement	Done	1

Non- Functional Requirements:

Order	ID	Item	Type	Estimate
1.	NF-1	As an administrator, I want the system to accommodate 10000 concurrent users so that the customers will have an efficient user experience.	Performance	5
2	NF-2	As a user, I want the system to work on both my phone and my laptop so that I can access it anywhere.	Operational	3

3	NF-3	As a user, I want the system to be active 24/ 7 so that I can access it at any time of the day.	Performance	1
4	NF-4	As an administrator, I want the pages to load in under 5 seconds so that customers will have an efficient user experience.	Performance	2
5	NF-5	As an employee, I want the system to conduct all my business digitally so that I can limit the need for paper.	Cultural & Political	1

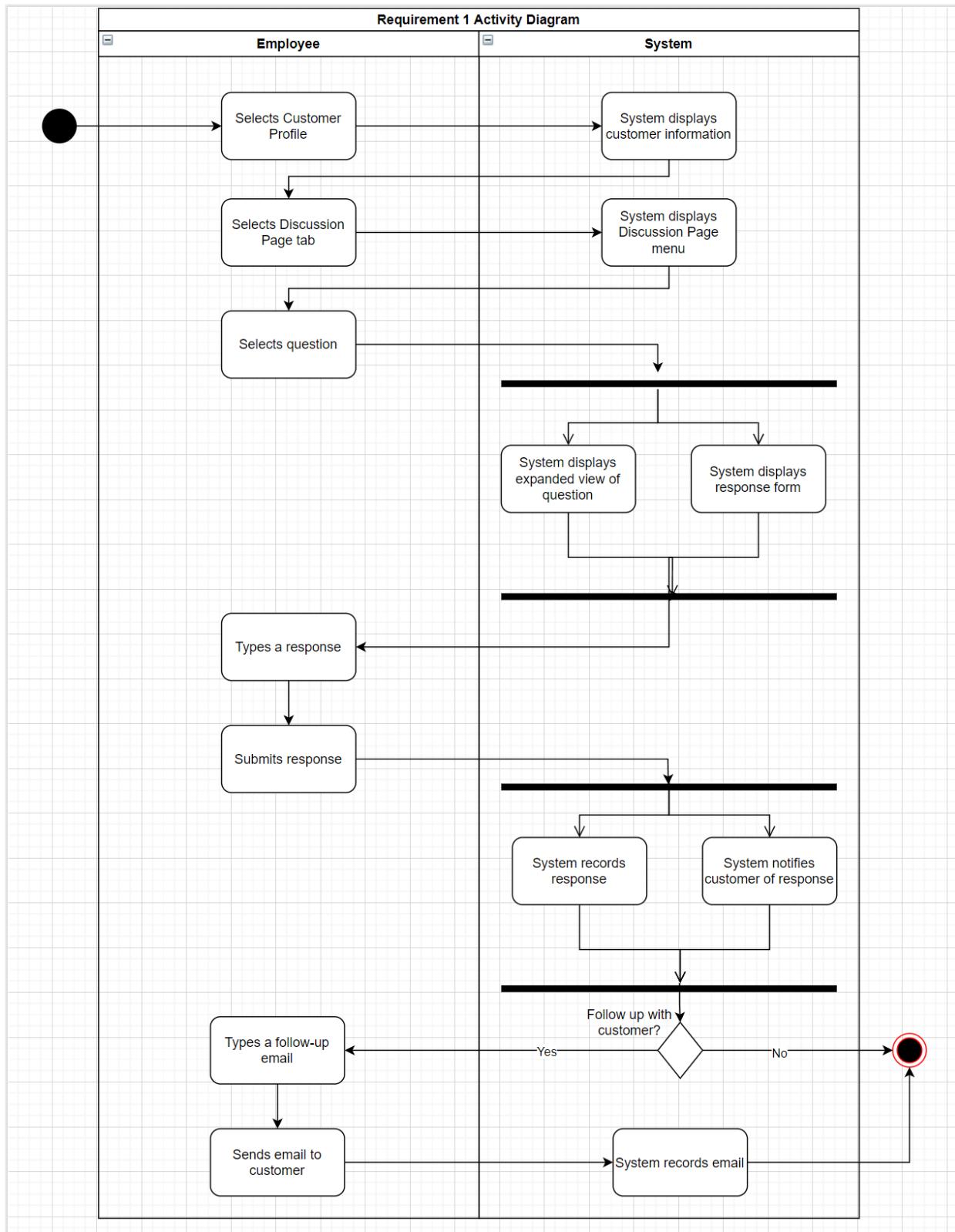
Requirement 1:

Use-Case Narrative:

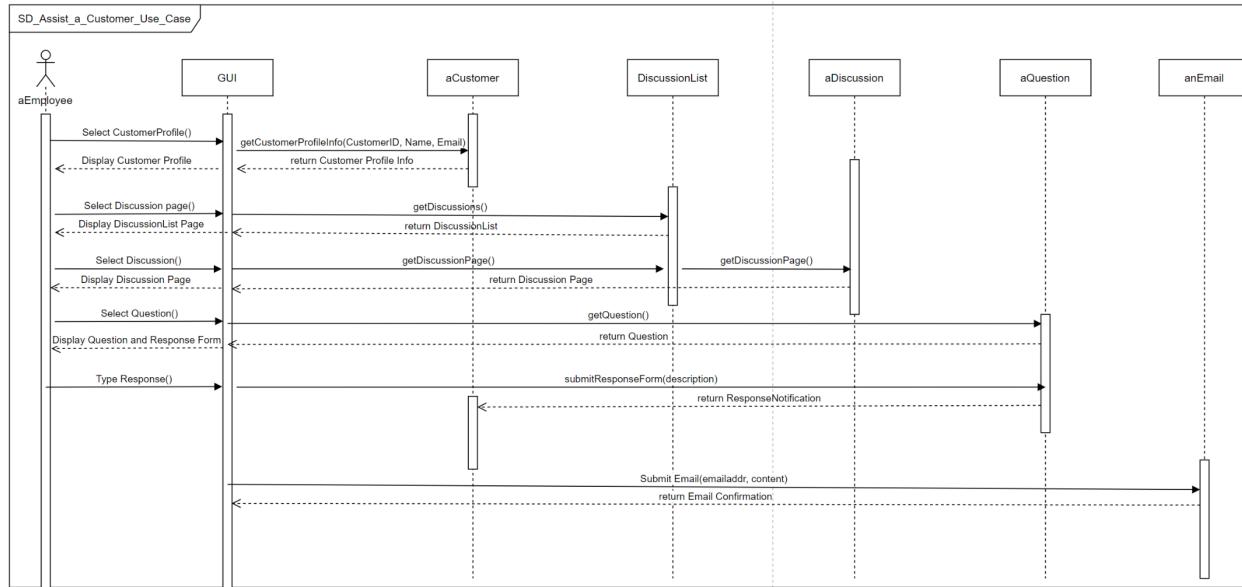
Use-Case Name:	An employee should be able to assist customers.	Use Case Type Business Requirements: X
Use-Case ID:	1	System Analysis:
Priority:	High	System Design:
Source:	Product Backlog	
primary business actor:	Employee	
Primary System Actor:	Employee	
Other Participating Actors:	Customer	
Other Interested Stockholders:	Customer	
Description:	An employee should be able to assist customers if they have any questions.	
Precondition:	None	
Trigger:	The customer posts a question in the help form discussion board.	
Typical Course Of Events:	Actor Action	System Response
	1. Employee pulls up customer information by clicking on their profile.	2. System displays customer's profile.

	<p>3. Employee returns to discussion page.</p> <p>5. Employee types a response to the customer's question.</p> <p>7. Employee writes and submits a follow-up email pertaining to the customer's problem/request.</p>	<p>4. System displays discussion page.</p> <p>6. System records response and notifies customer of response.</p> <p>8. System records submitted email.</p>
Alternate Courses:	None	
Conclusion:	The customer will get an email with the employee's response	
Postcondition:	N/A	
Business Rules:	Questions will be answered within 3 business days.	
Impl. Constraints and Specifications:	Customers need an email in their profile to submit a discussion question.	
Assumptions:	New and existing customers can create discussion questions	
Open Issues:	N/A	

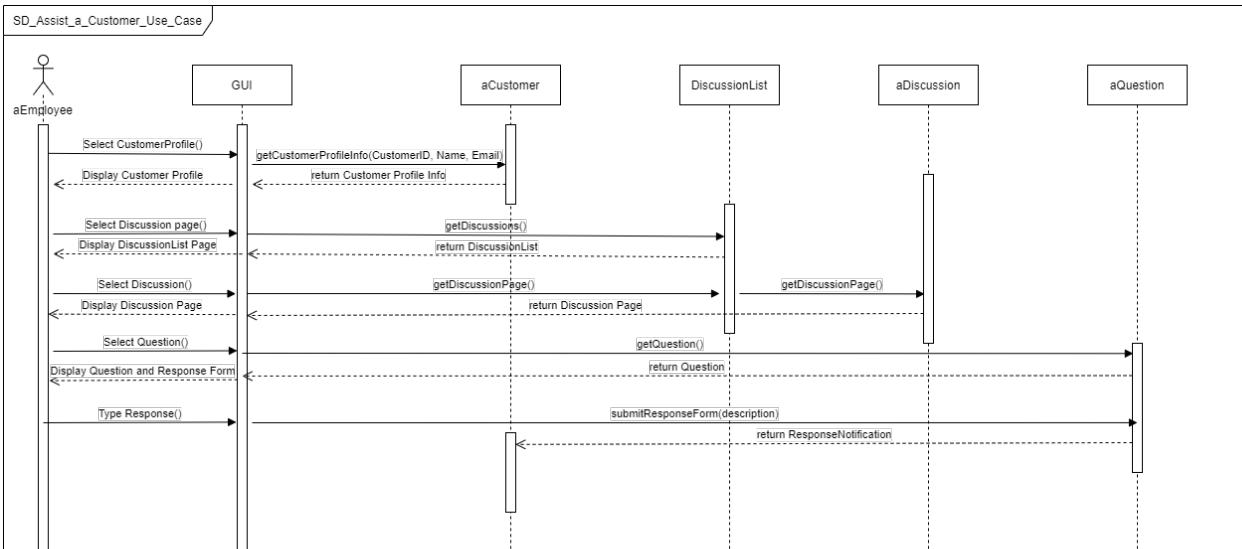
Activity Diagram:



Sequence Diagram:



Sequence Diagram Alternative:



Requirement 2:

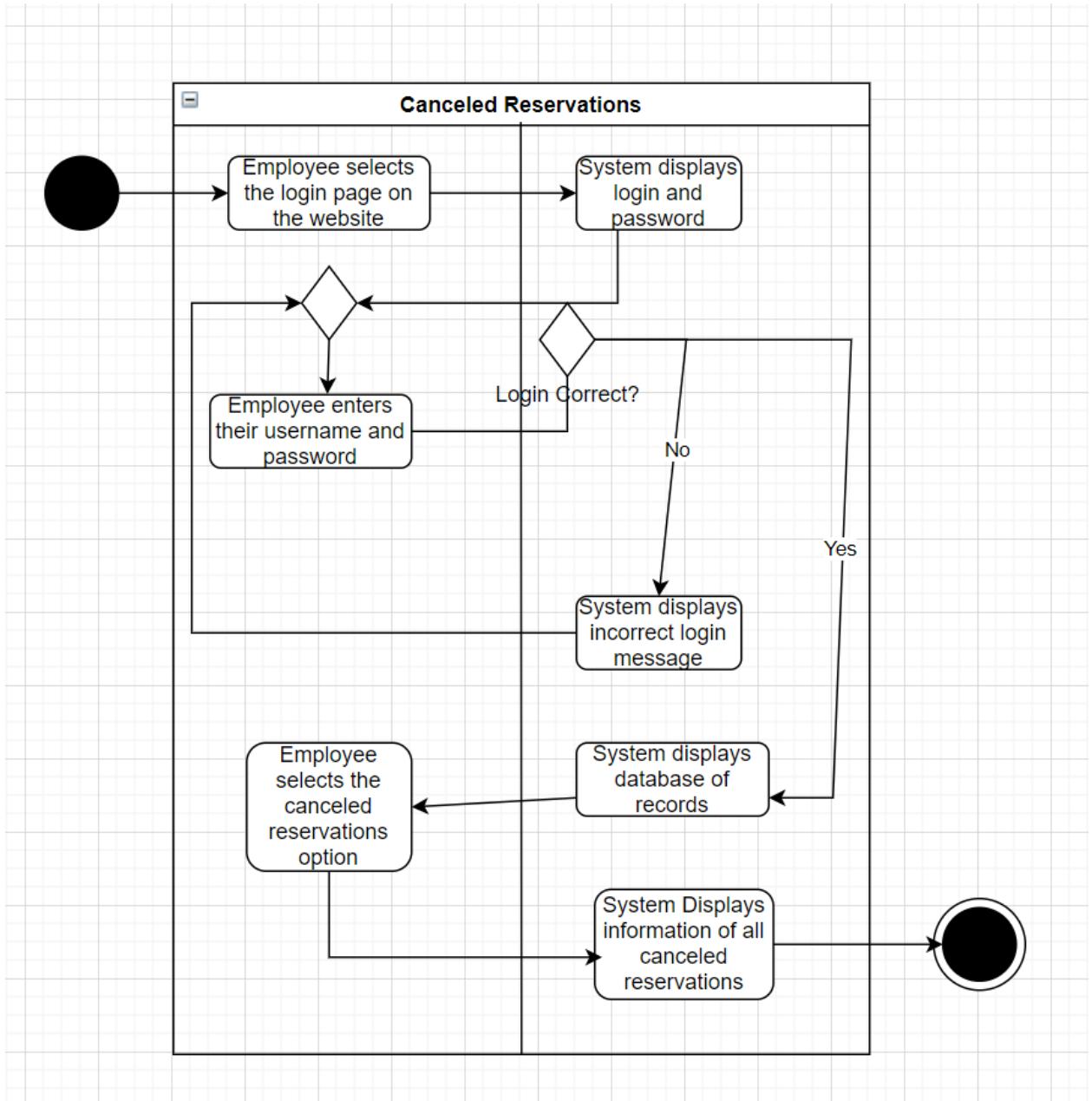
Use-Case Narrative:

Use-Case Name:	The Scheduling Office (employee) should be able to keep a record of canceled reservations.	Use Case Type
Use-Case ID:	2	Business Requirements: <input checked="" type="checkbox"/>
Priority:	Mid	System Analysis: <input type="checkbox"/>
Source:	Product Backlog	System Design: <input type="checkbox"/>
primary business actor:	Employee	
Primary System Actor:	Employee	
Other Participating Actors:	-	
Other Interested Stockholders:	-	
Description:	An employee wants to access canceled reservations	
Precondition:	The employee knows their login information	
Trigger:	None	

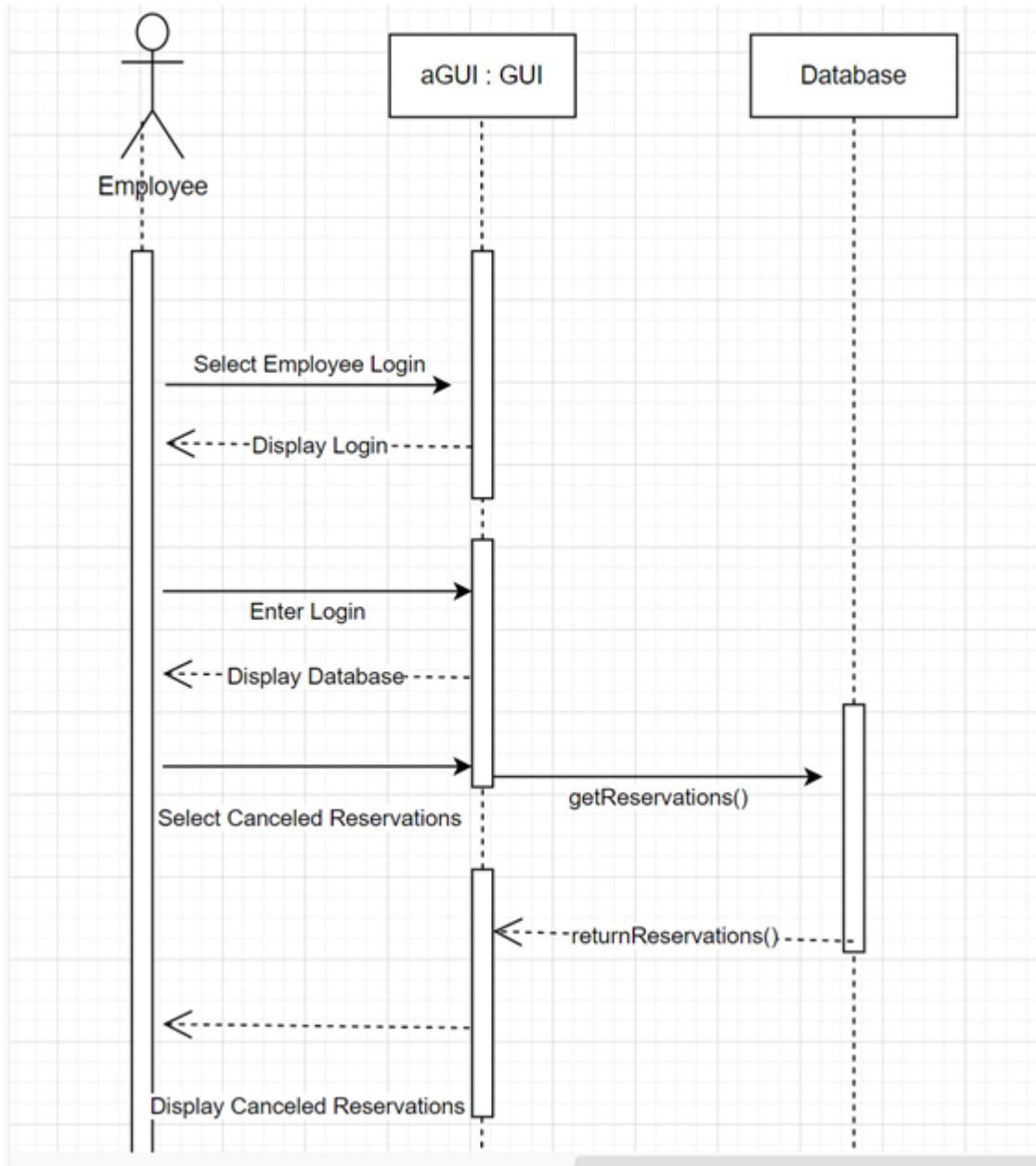
Typical Course Of Events:	Actor Action	System Response
	<p>1. Employee selects the employee login page on the website</p> <p>3. Employee enters their username and password</p> <p>5. Employee selects the canceled reservations option</p>	<p>2. The system displays the login and password</p> <p>4. The system displays the database of records</p> <p>6. The system displays the information of all canceled reservations</p>
Alternate Courses:	<p>3a. The login information is incorrect and the system displays an incorrect password/username message</p> <p>3b. Go back to 2</p>	
Conclusion:	The employee has the resources to follow-up with the customer who canceled a reservation	
Postcondition:	The customer who has canceled their reservation should be contacted by the employee accessing the records	
Business Rules:	The system is able to store a large number of records	
Impl. Constraints and Specifications:	An employee can access the records anytime	

Assumptions:	The customer enters the proper personal information when initially making a reservation
Open Issues:	-

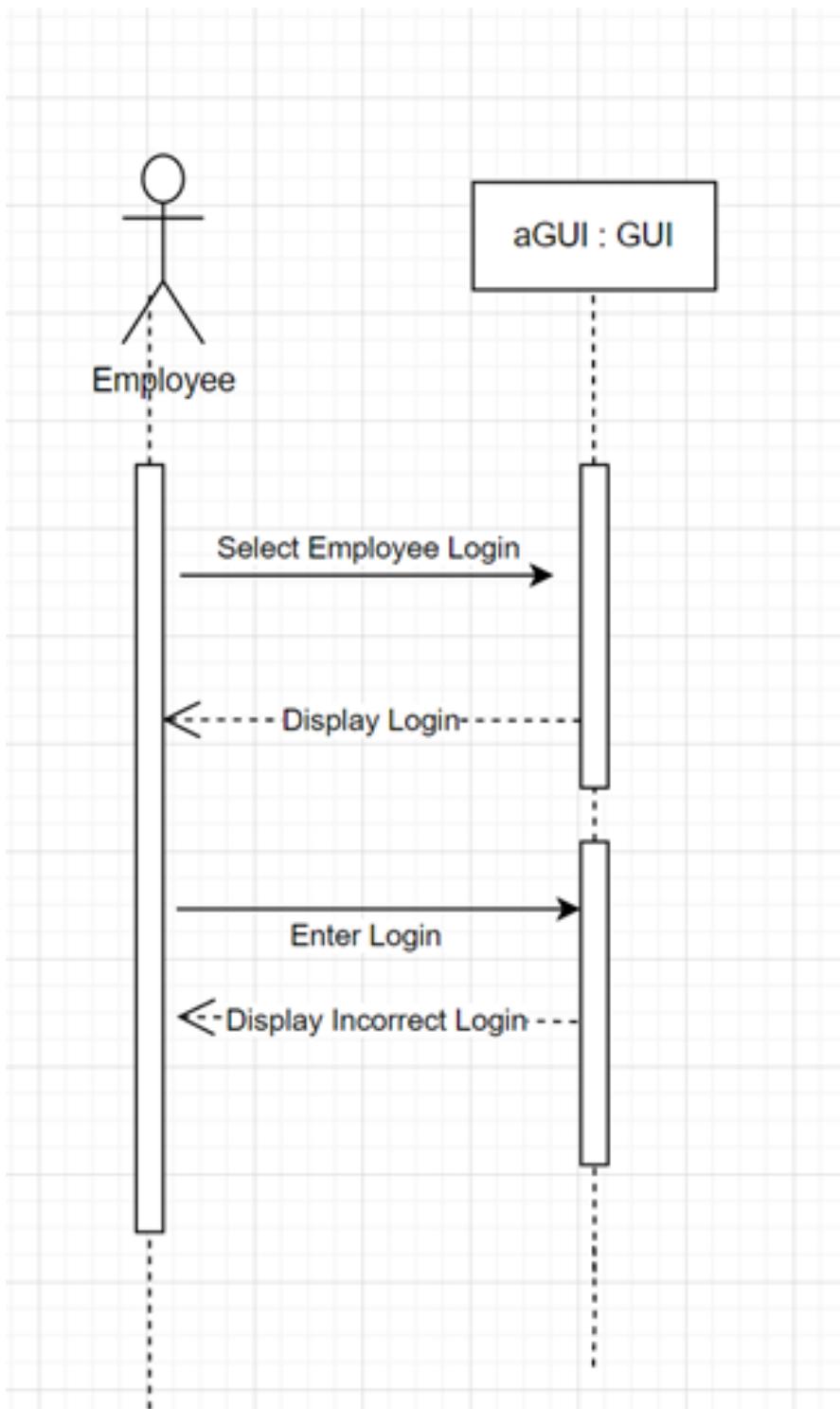
Activity Diagram:



Sequence Diagram:



Sequence Diagram Alternative:



Requirement 3:

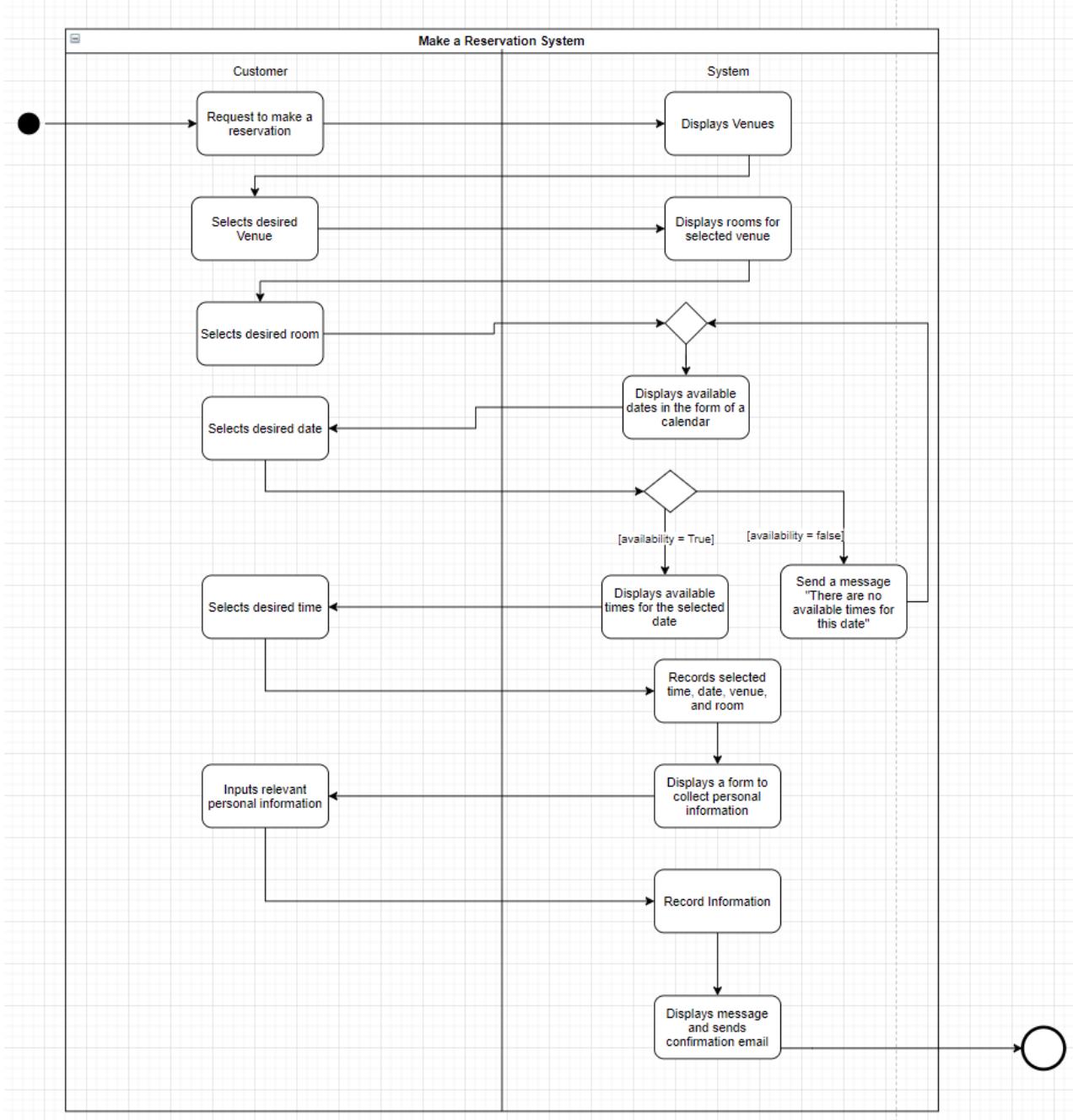
Use-Case Narrative:

Use-Case Name:	A customer should be able to make reservations.	Use Case Type Business Requirements: X System Analysis: System Design:
Use-Case ID:	3	
Priority:	High	
Source:	Product Backlog	
primary business actor:	Customer	
Primary System Actor:	Customer	
Other Participating Actors:	Employee	
Other Interested Stockholders:	Employee	
Description:	The customer should be able to make a reservation.	
Precondition:	The customer should know their party size. The customer should already know their preferred date of the event.	
Trigger:	The customer selects the option of “Make a Reservation Online” from the main menu bar.	
Typical Course Of Events:	Actor Action	System Response

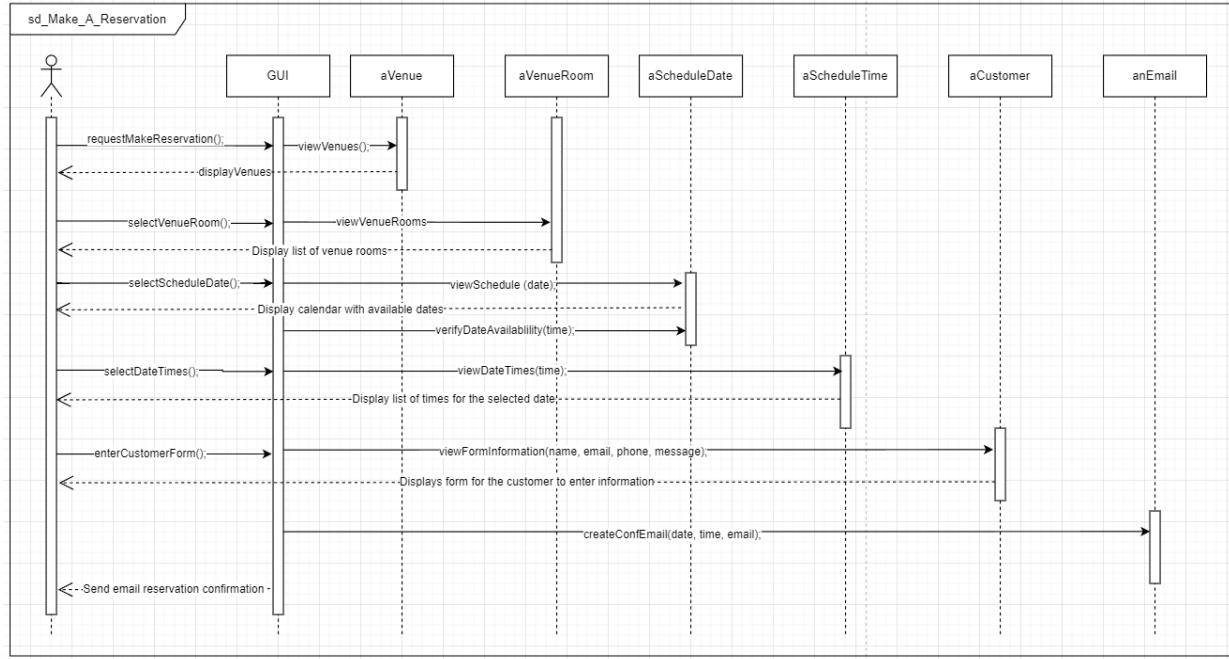
	<p>1. Customers selects “make a reservation online” in the main menu.</p> <p>3. Customer decides which venue to book and selects “Rooms” for that venue.</p> <p>5. Customer selects their desired room.</p> <p>7. Customer browses for available dates.</p> <p>8. Customer selects the desired date to make a reservation.</p> <p>10. Customer selects their desired available time from the calendar form and clicks “Next”.</p> <p>12. Customer enters their personal information and selects “Book It”.</p>	<p>2. The system displays the different venue options.</p> <p>4. The system displays the different rooms with the room specification, open hours, and address.</p> <p>6. The system displays available dates in the form of a calendar for the desired room that was previously selected.</p> <p>9. The system displays available times for the selected date.</p> <p>11. The system records the date and time selected and displays a personal information form.</p> <p>13. The system records the personal information and sends a confirmation email.</p>
Alternate Courses:	<p>8a. The system returns a message “No available time slots, check the next available date”.</p> <p>8b. Go to 7</p>	
Conclusion:	The customer will get an email with the reservation confirmation.	

Postcondition:	The reservation needs to be confirmed 5 days before the appointment date.
Business Rules:	Reservations that are canceled less than 5 days from the appointment date will not be refunded.
Impl. Constraints and Specifications:	A customer can make multiple reservations at different dates and times.
Assumptions:	The customer should know what venue before making a reservation. The customer is making the reservation online instead of over the phone.
Open Issues:	None

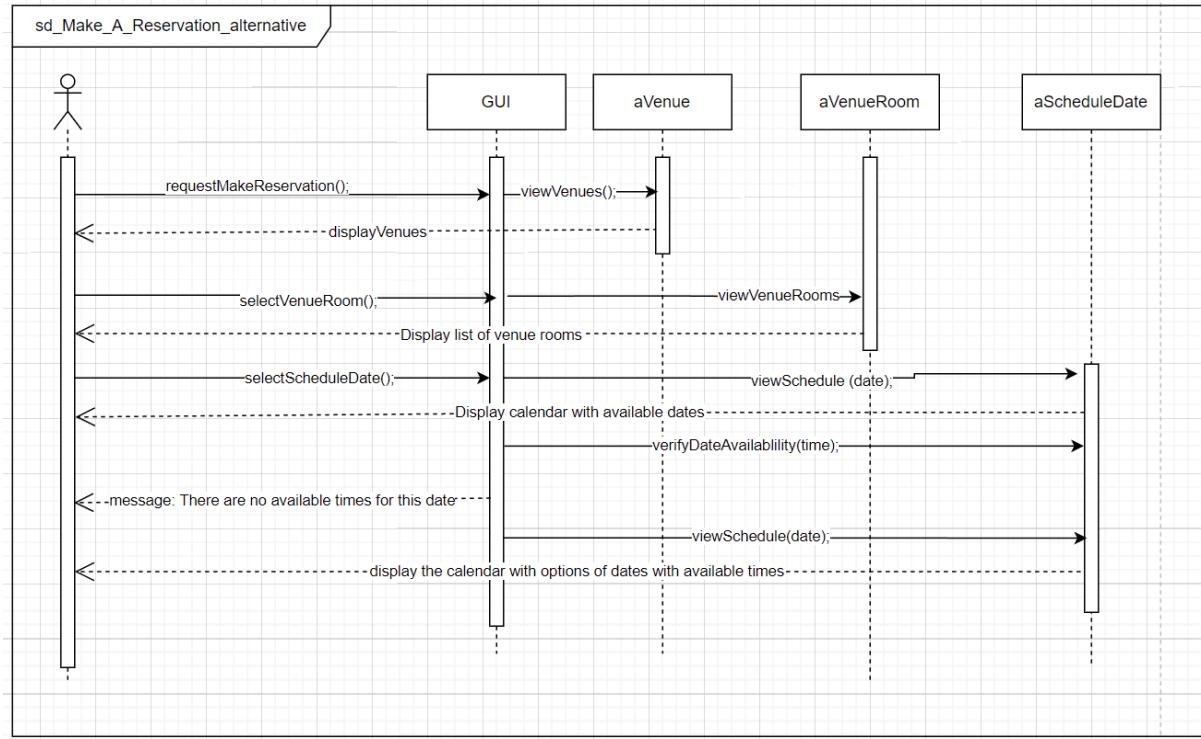
Activity Diagram:



Sequence Diagram:



Sequence Diagram Alternative:



Requirement 4:

Use-Case Narrative:

Use-Case Name:	A customer should be able to reschedule reservations and request edits/cancellations.	Use Case Type Business Requirements: X System Analysis: System Design:
Use-Case ID:	4	
Priority:	Medium	
Source:	Product Backlog	
primary business actor:	Customer	
Primary System Actor:	Customer	
Other Participating Actors:	Employee	
Other Interested Stockholders:	Employee	
Description:	The customer should be able to contact an employee so that they can request a change or cancel their appointment. The employee should also be able to access key reservation information so they can make the necessary changes and cancellations.	
Precondition:	The customer should already know the date and time for their existing appointment and/or have their changes ready to show the employee.	

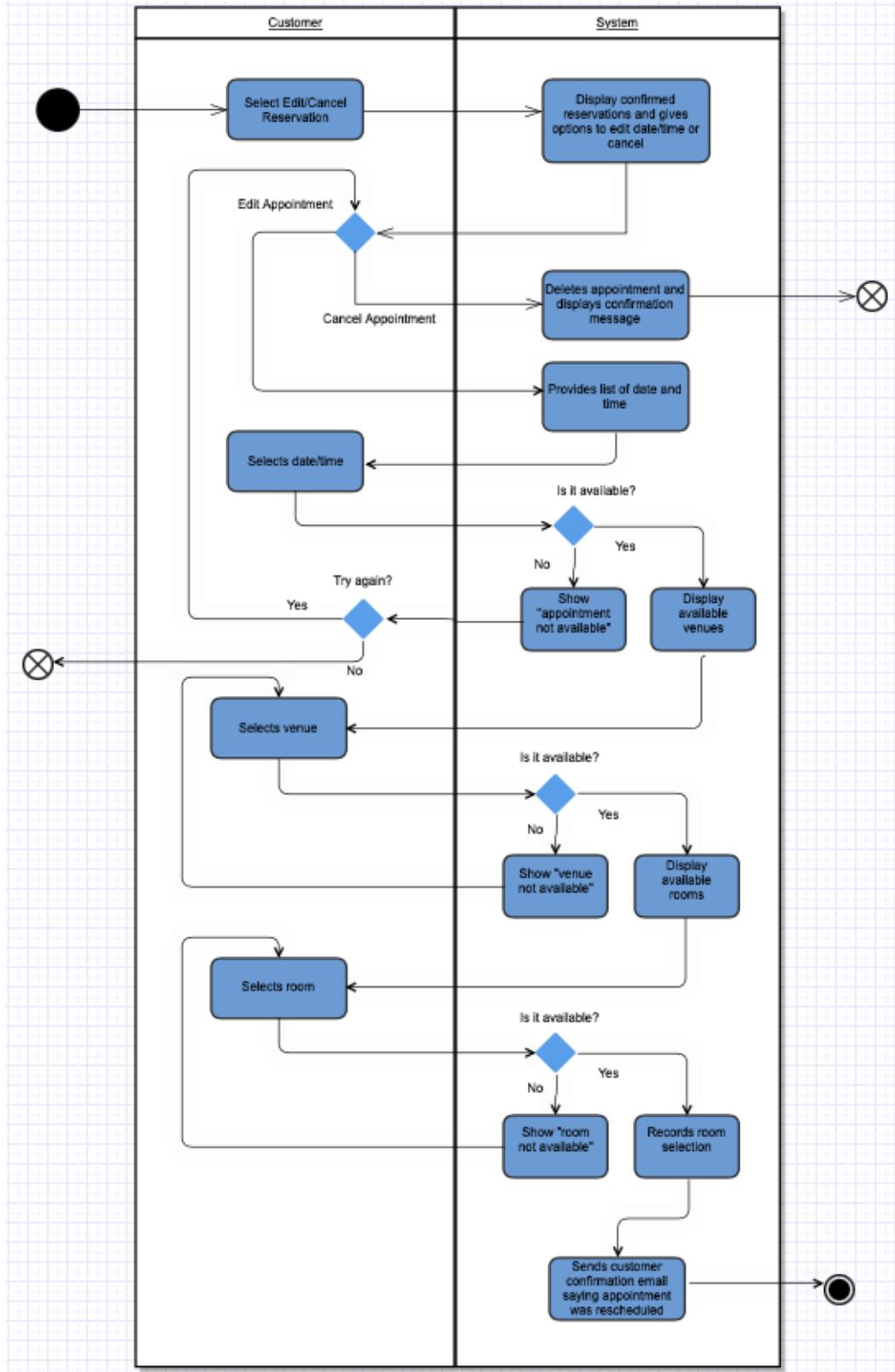
Trigger:	The customer selects the option of “Edit/Cancel Reservation” from the main menu.	
Typical Course Of Events:	Actor Action	System Response
	<p>1. Customers selects the “Edit/Cancel Reservation” option in the top main menu bar.</p> <p>3. Customer picks the “Edit Appointment” option.</p> <p>5.Customer picks their desired date and time</p> <p>8. The customer selects the venue</p> <p>11. The customer selects the room</p>	<p>2. The system displays a list of the customer's confirmed reservations and gives the user the option to edit the date and time or cancel the entire reservation..</p> <p>4. The system provides the user with a list of date and times for the user to pick from</p> <p>6. The system records the date and time</p> <p>7. The system provides user with a selection for the available venue.</p> <p>9. The system records the venue</p> <p>10. The system provides the user with a selection of available rooms.</p> <p>12. The system records the room selection</p>

Alternate Courses:	<p>3a. Customer picks the “Cancel Appointment” option.</p> <p>4a. The system deletes the appointment and displays a confirmation of deletion message.</p> <p>6a The system prints an error message if a customer picks an unavailable date/time.</p> <p>6b. Displays error message.</p> <p>6c. Go to 5.</p> <p>9a. The system prints an error message if a customer picks an unavailable venue.</p> <p>9b. Displays error message.</p> <p>9c. Go to 8.</p> <p>12a. The system prints an error message if a customer picks an unavailable room.</p> <p>12b. Displays error message.</p> <p>12c. Go to 11.</p>
Conclusion:	The customer will get a confirmation from the system saying that their appointment has either been cancelled or rescheduled.
Postcondition:	The database needs to update available rooms to show the currently booked reservation as unavailable.
Business Rules:	The customer is limited to 2 reschedules per reservation
Impl. Constraints and Specifications:	A customer should insert their information correctly so that they can get their confirmation email.
Assumptions:	The customer knows what date and time they want their new appointment to be.

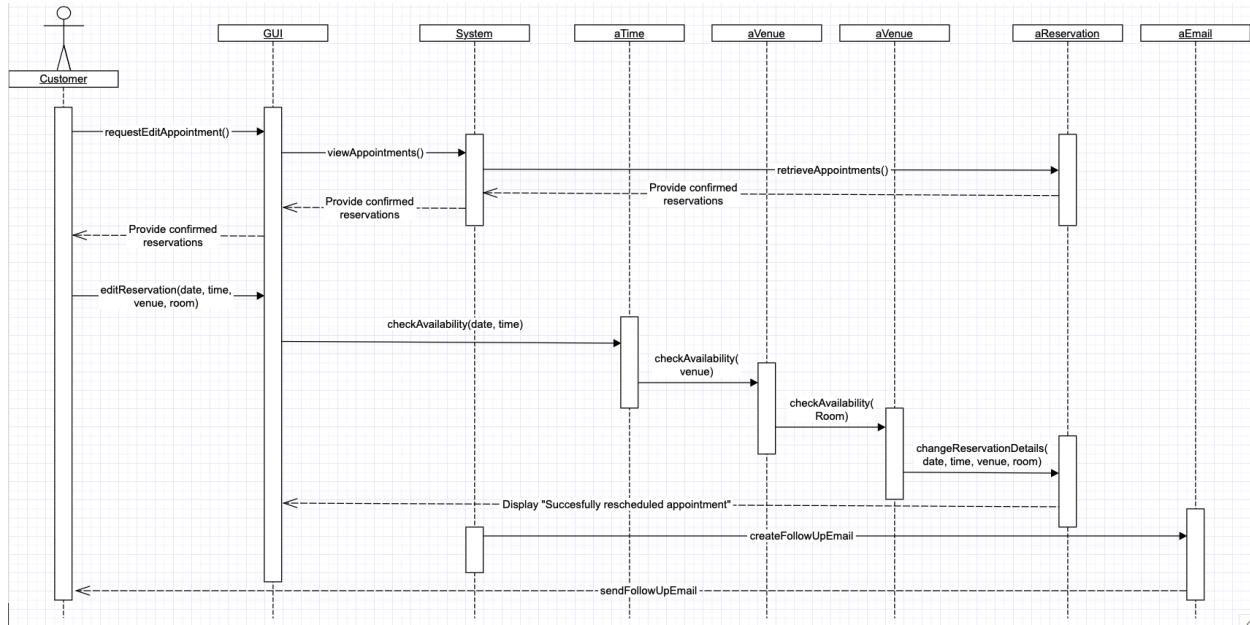
The customer is going to be making the new reservation online instead of over the phone.

Open Issues:

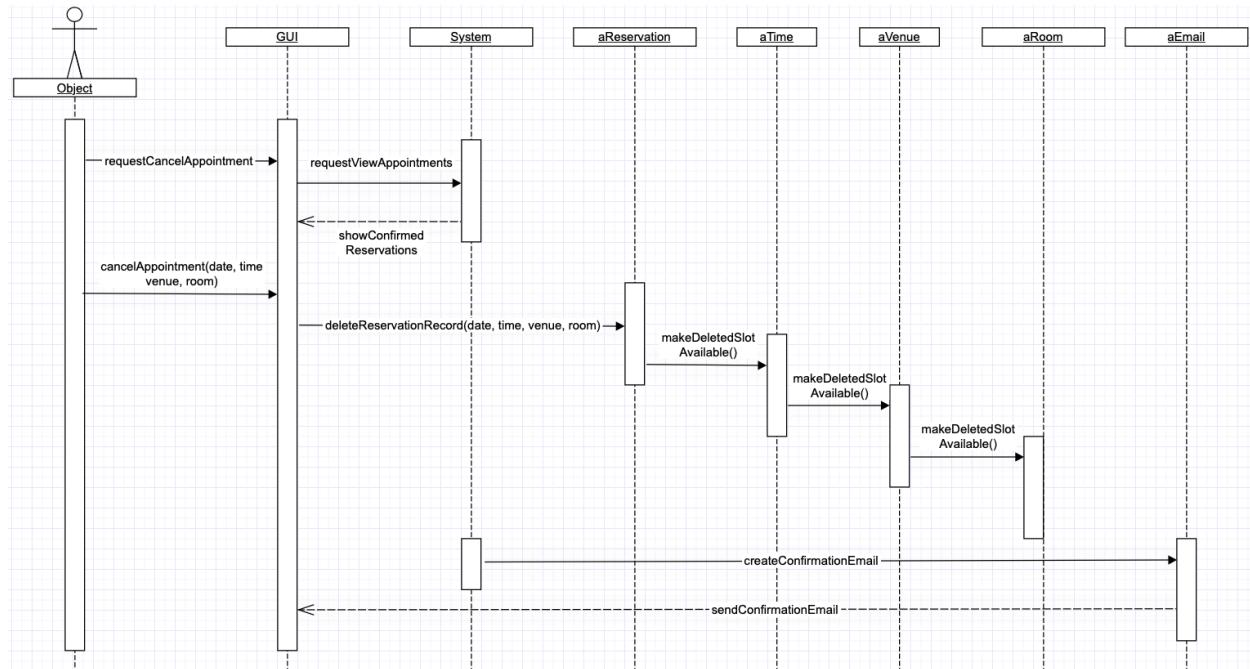
Activity Diagram:



Sequence Diagram:



Sequence Diagram Alternative:



Requirement 5:

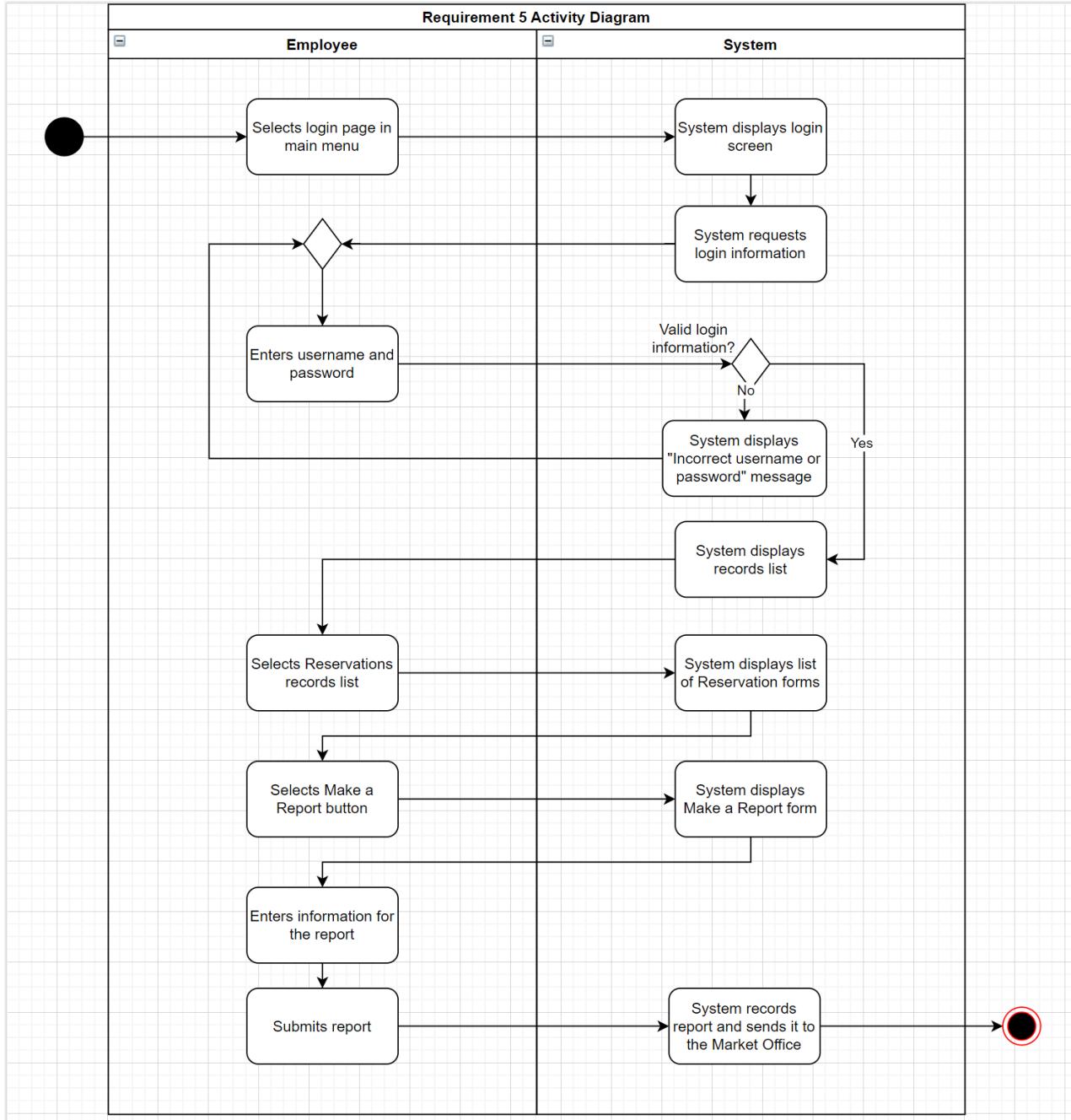
Use-Case Narrative:

Use-Case Name:	The Marketing Office (employee) should be able to receive reports.	Use Case Type Business Requirements: <input checked="" type="checkbox"/> System Analysis: System Design:
Use-Case ID:	5	
Priority:	Low	
Source:	Product Backlog	
primary business actor:	Employee	
Primary System Actor:	Employee	
Other Participating Actors:	Marketing Office	
Other Interested Stockholders:	None	
Description:	The Marketing Office should be able to receive reports. They need information on the customer's reservations so they can adjust their marketing campaigns accordingly.	
Precondition:	A customer has made a reservation.	
Trigger:	MO employee requests report on current reservation information.	

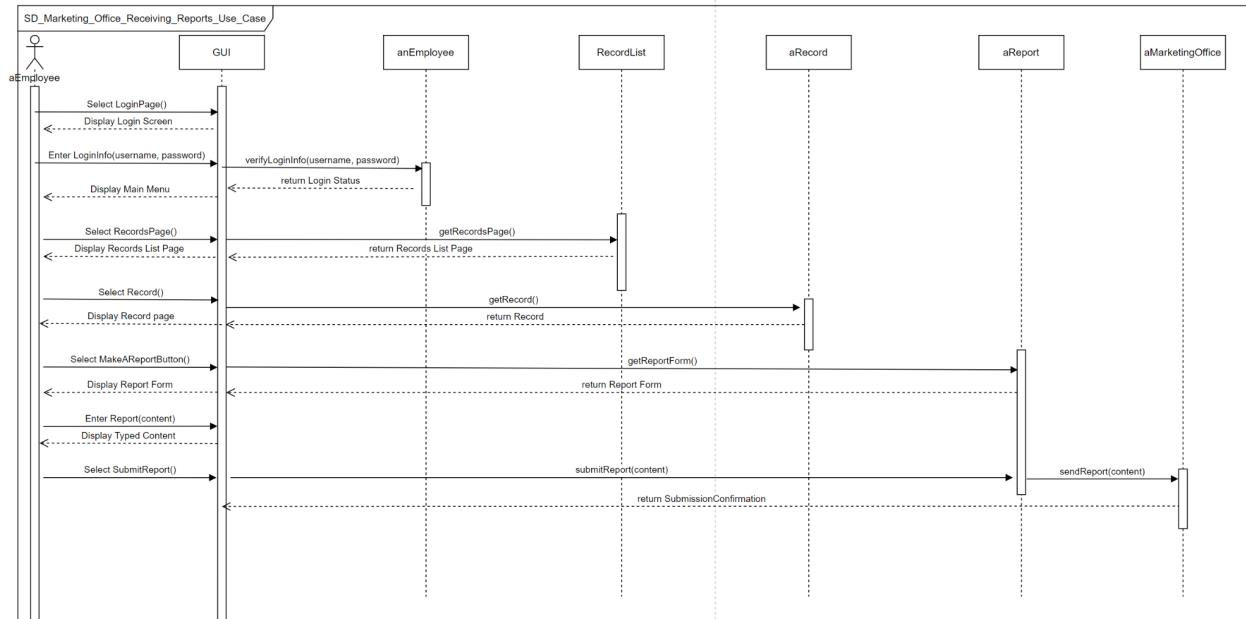
Typical Course Of Events:	Actor Action	System Response
	1. Employee selects the login tab on the home page. 3. Employee enters their username and password. 6. Employee selects records for reservations. 8. Employee selects make a report button. 10. Employee enters the information for the report and clicks Send.	2. System displays a username and password box. 4. System validates their login attempt using the provided credentials. 5. System displays the database of records. 7. System displays forms of reservations. 9. System displays form for a report. 11. System records the report entry. 12. System sends the report to the Marketing Office.
Alternate Courses:	4a. System displays “incorrect username or password” message. 4b. Go to step 3.	
Conclusion:	The Marketing Office will receive a report of requested reservation data and relevant customer information.	
Postcondition:	None.	

Business Rules:	The Marketing Office receives these reports on a (at minimum) weekly basis.
Impl. Constraints and Specifications:	The report cannot exceed a maximum of 1000 characters.
Assumptions:	The reservation records include all necessary information to be included in a report for the Marketing Office.
Open Issues:	None.

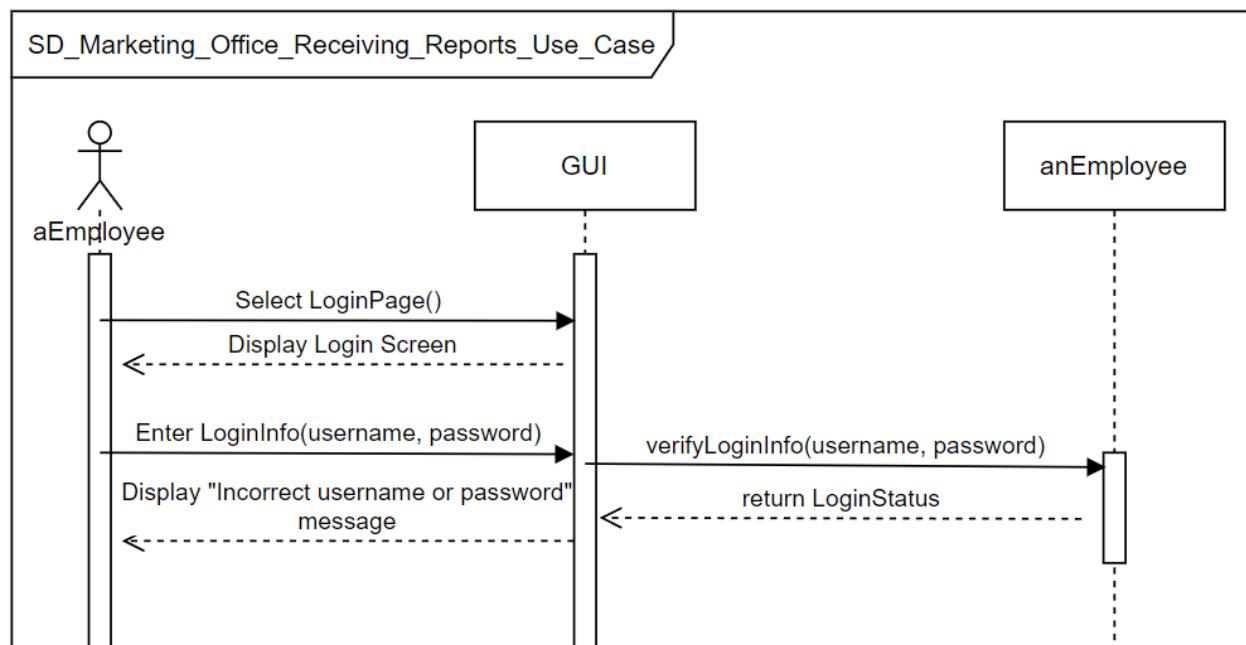
Activity Diagram:



Sequence Diagram:



Sequence Diagram Alternative:



Requirement 6:

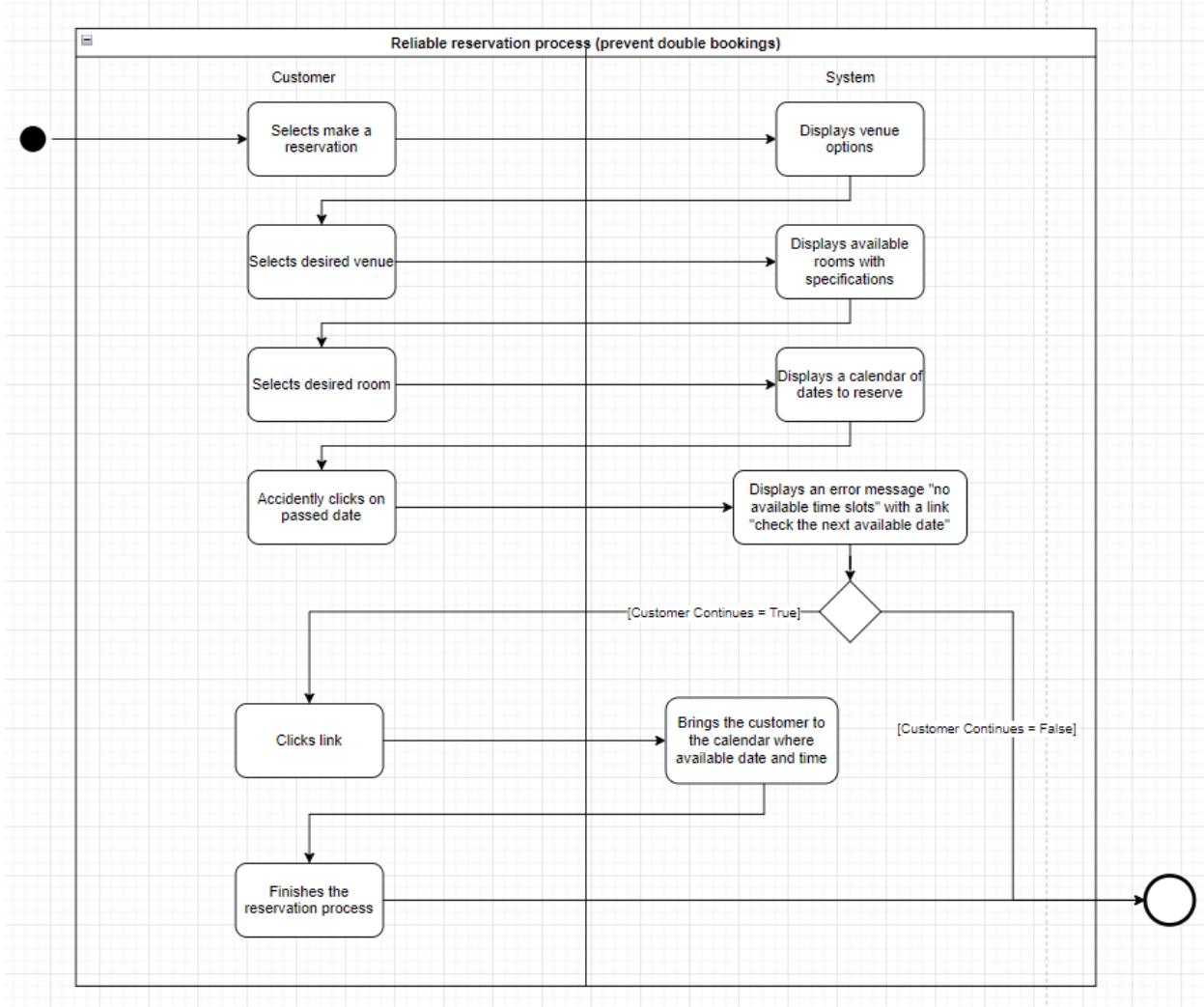
Use-Case Narrative:

Use-Case Name:	The customer should be able to have a reliable reservations process (prevent double bookings).	Use Case Type Business Requirements: X System Analysis: System Design:
Use-Case ID:	6	
Priority:	High	
Source:	Product Backlog	
primary business actor:	Customer	
Primary System Actor:	Customer	
Other Participating Actors:	Employee	
Other Interested Stockholders:	-	
Description:	The customer should not be able to book a reservation for an appointment that has already been booked by someone else.	
Precondition:	Customer attempts to make a reservation for a date that is already booked	
Trigger:	Customer clicks on a date that has passed.	

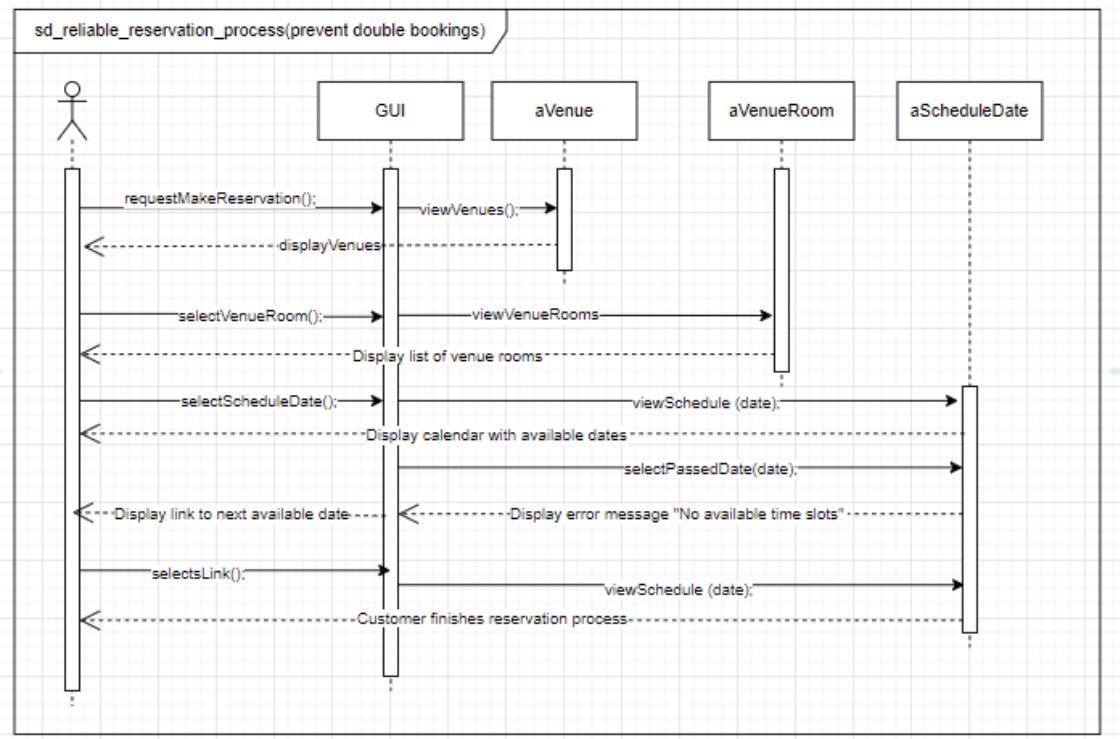
Typical Course Of Events:	Actor Action	System Response
	<p>1. Customer selects “make a reservation” from the main menu.</p> <p>3. Customer selects desired venue.</p> <p>5. Customer selects the desired room.</p> <p>7. Customer accidentally clicks on a passed date.</p> <p>9. Customer clicks link “Check the next available date”</p> <p>11. Customer finishes the reservation process.</p>	<p>2. System displays the venue option.</p> <p>4. System displays the available rooms with specifications.</p> <p>6. System displays a calendar of dates to reserve.</p> <p>8. System displays an error message “No available time slots” and a link “Check the next available date”.</p> <p>10. System brings the customer and displays the next available date and time.</p>
Alternate Courses:	<p>8a. The customer gets flustered because they do not see any available times.</p> <p>8b. Customer selects the “contact” menu button and calls or emails the employee for help.</p>	
Conclusion:	<p>The customer is able to make a reservation on an available date or receive assistance from an employee.</p>	

Postcondition:	Customers are able to book an appointment or find an alternate date.
Business Rules:	A date/time-slot cannot be filled up by two separate customers.
Impl. Constraints and Specifications:	Representative call centers will only be available 9am - 5pm on business days.
Assumptions:	Employees will be available for a chat via telephone or email.
Open Issues:	-

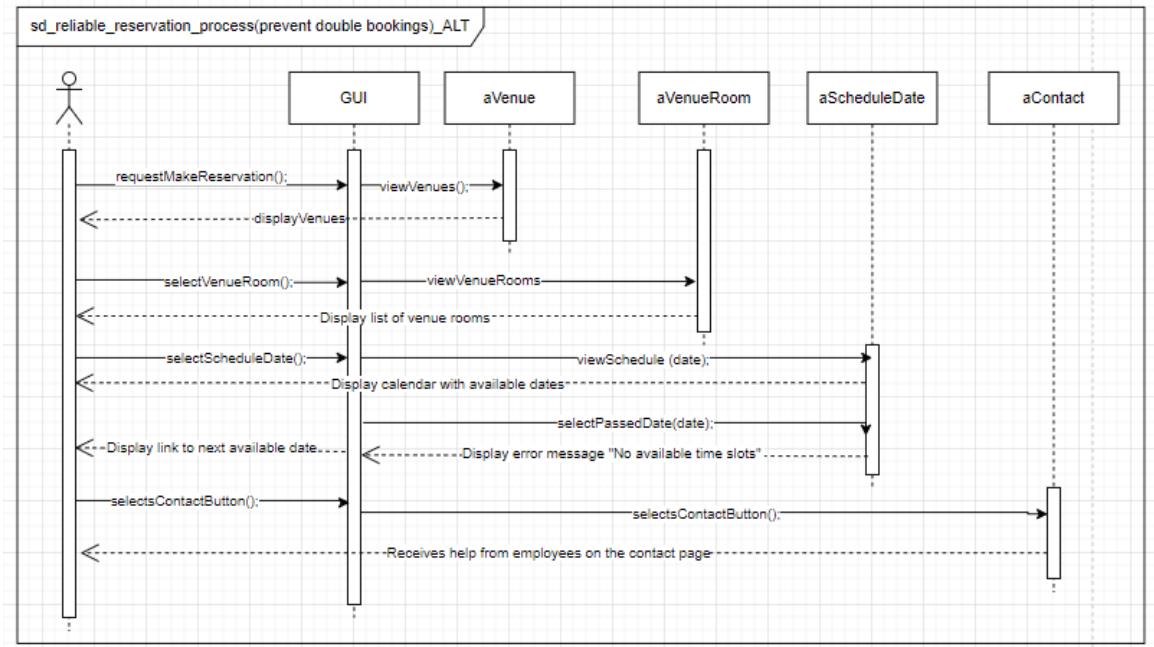
Activity Diagram:



Sequence Diagram:



Sequence Diagram Alternative:



Requirement 7:

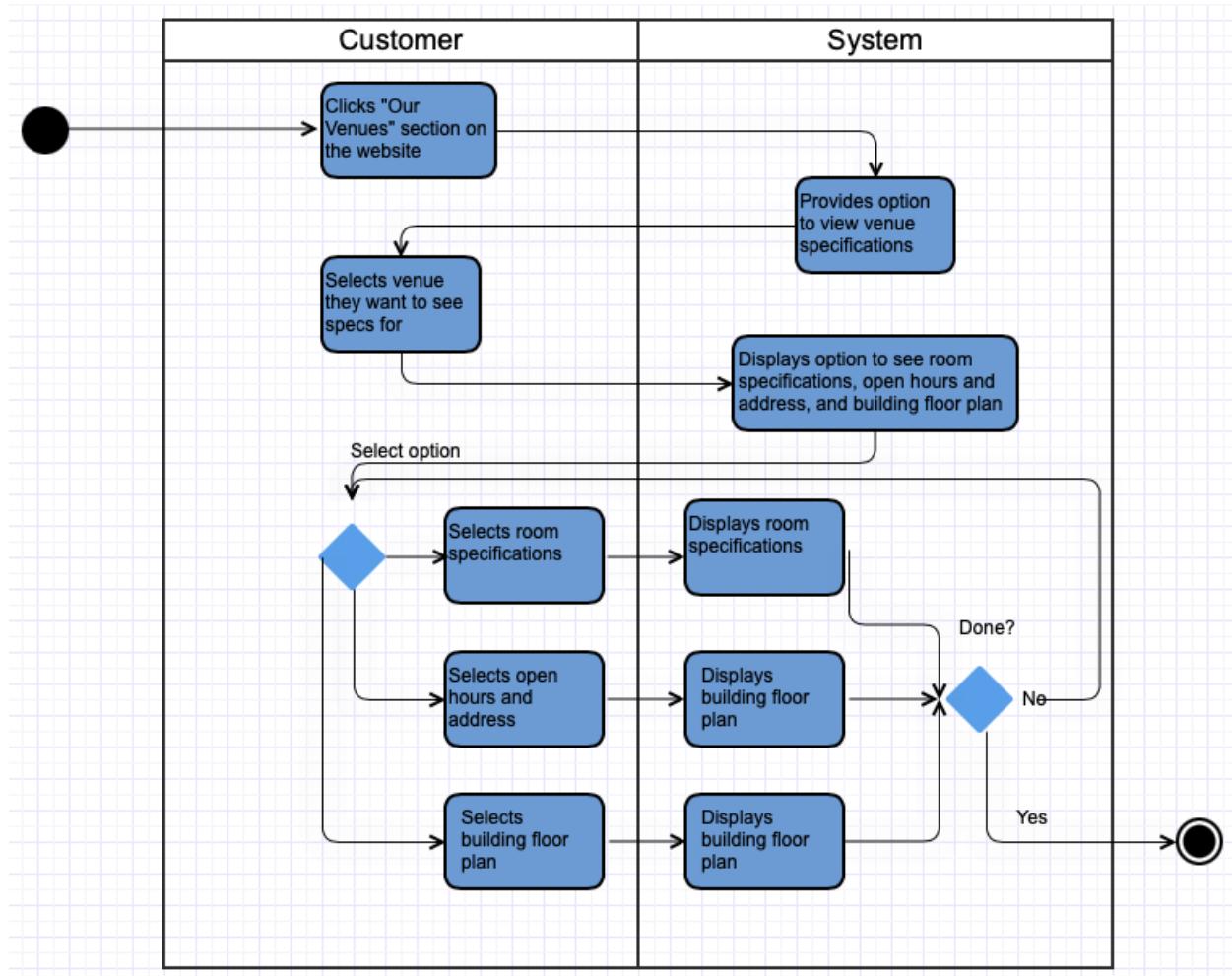
Use-Case Narrative:

Use-Case Name:	The Scheduling Office should be able to store venue information.	Use Case Type Business Requirements: System Analysis: System Design: X
Use-Case ID:	7	
Priority:	High	
Source:	Product Backlog	
primary business actor:	Customer	
Primary System Actor:	Customer	
Other Participating Actors:	Employee	
Other Interested Stockholders:	Employee	
Description:	The customer should have the ability to look at each venue's specifications so that they can make an informed decision for where they want to book their event.	
Precondition:	Customer should already have an idea for how many people and when they want to host their event.	
Trigger:	Customer clicks on the "Our Venues" section on the website.	

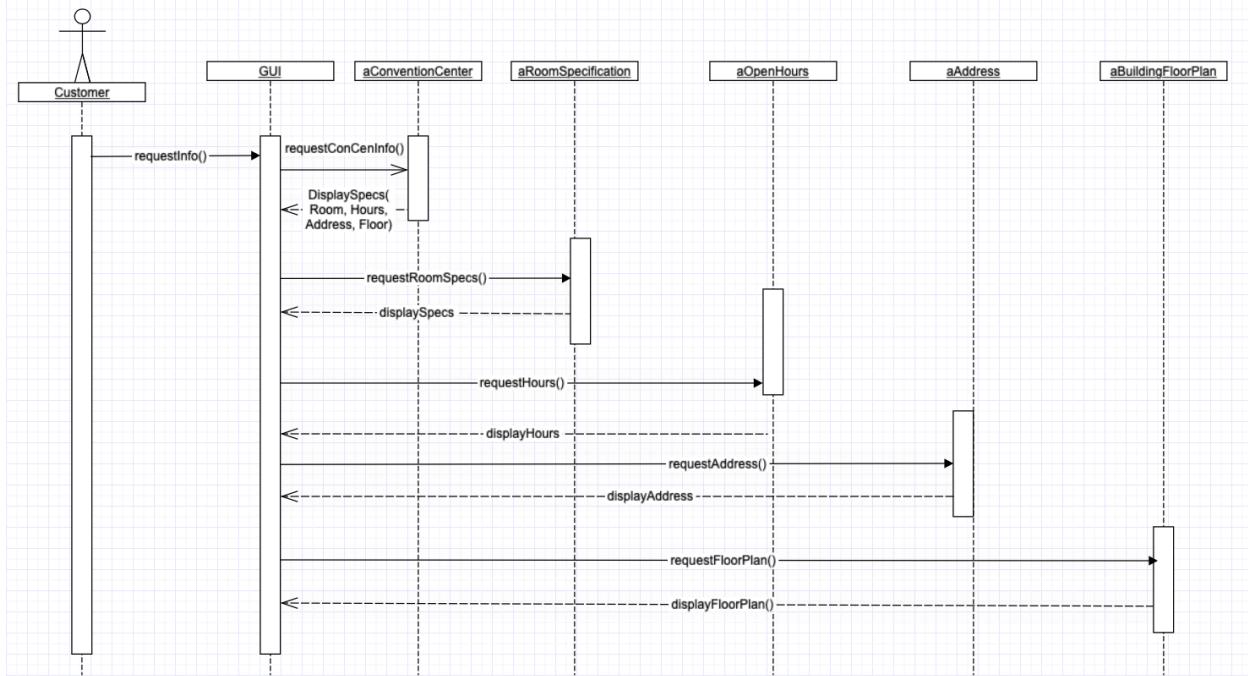
Typical Course Of Events:	Actor Action	System Response
	<p>1. Customer clicks on the “Our Venues” section on the website.</p> <p>3. The Customer clicks on either Convention Center or City Dome.</p> <p>5. The customer clicks on room specifications.</p>	<p>2. The system gives them the option to view the specifications of either the Convention Center or the City Dome.</p> <p>4. The system directs the user to a page that displays the room specifications, open hours, address, and building floor plan.</p> <p>6. The system displays the floor plan for a single room.</p>
Alternate Courses:	<p>5a. The customer clicks on open hours.</p> <p>6a. The system will display opening hours for the respective venue.</p> <p>5b. The customer clicks on address.</p> <p>6b. The system displays the address for the respective venue.</p> <p>5c. The customer clicks on floor plan</p> <p>6c. The system displays the floor plan for the entire venue.</p>	
Conclusion:	The system displays the specifications for the option that the user chose.	
Postcondition:	N/A - Process is just to view what is already there. No changes are being made.	

Business Rules:	The venue should have specifications and opening hours ready for potential customers to view any time, anywhere.
Impl. Constraints and Specifications:	Availability of rooms and opening hours are dependant on the venues and not the customer that is booking.
Assumptions:	The customer already knows how big their event is going to be.
Open Issues:	

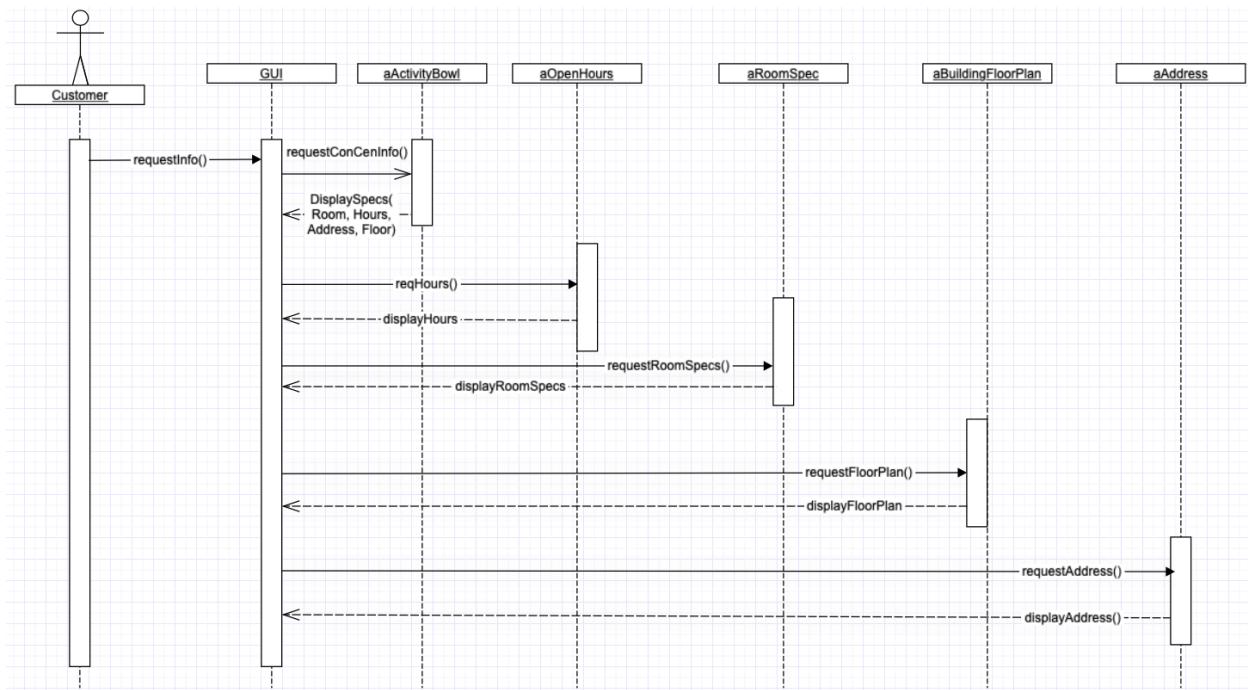
Activity Diagram:



Sequence Diagram:



Sequence Diagram Alternative:



Requirement 8:

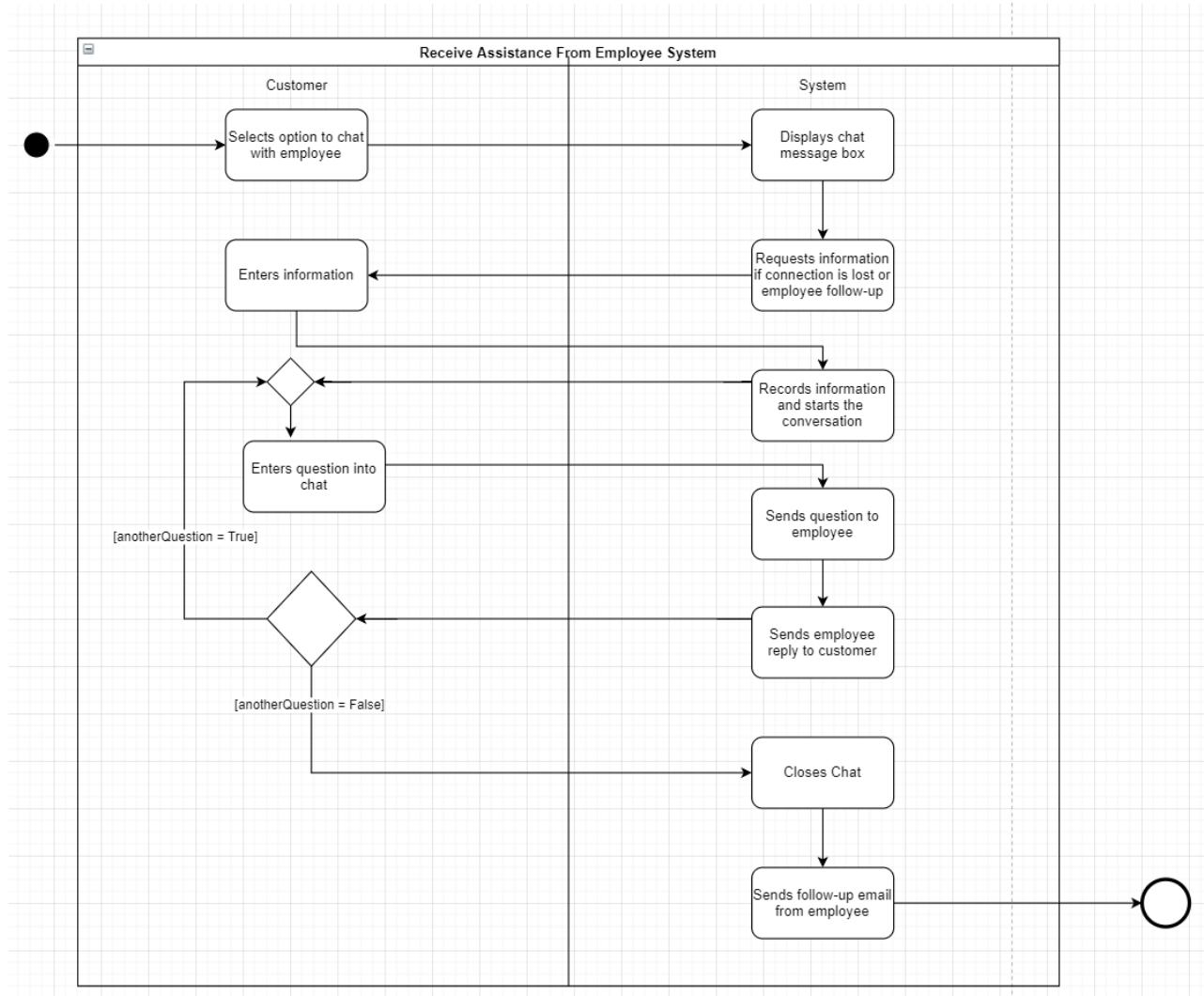
Use-Case Narrative:

Use-Case Name:	A customer should be able to receive assistance from employees	Use Case Type Business Requirements: X System Analysis: System Design:
Use-Case ID:	8	
Priority:	High	
Source:	Product Backlog	
primary business actor:	Customer	
Primary System Actor:	Customer	
Other Participating Actors:	Employee	
Other Interested Stockholders:	Employee	
Description:	The customer should be able to receive assistance from employees.	
Precondition:	The customer should have questions or concerns before requesting assistance.	
Trigger:	The customer selects the option of “Let’s Chat!” from any page in the lower left hand corner of the site.	

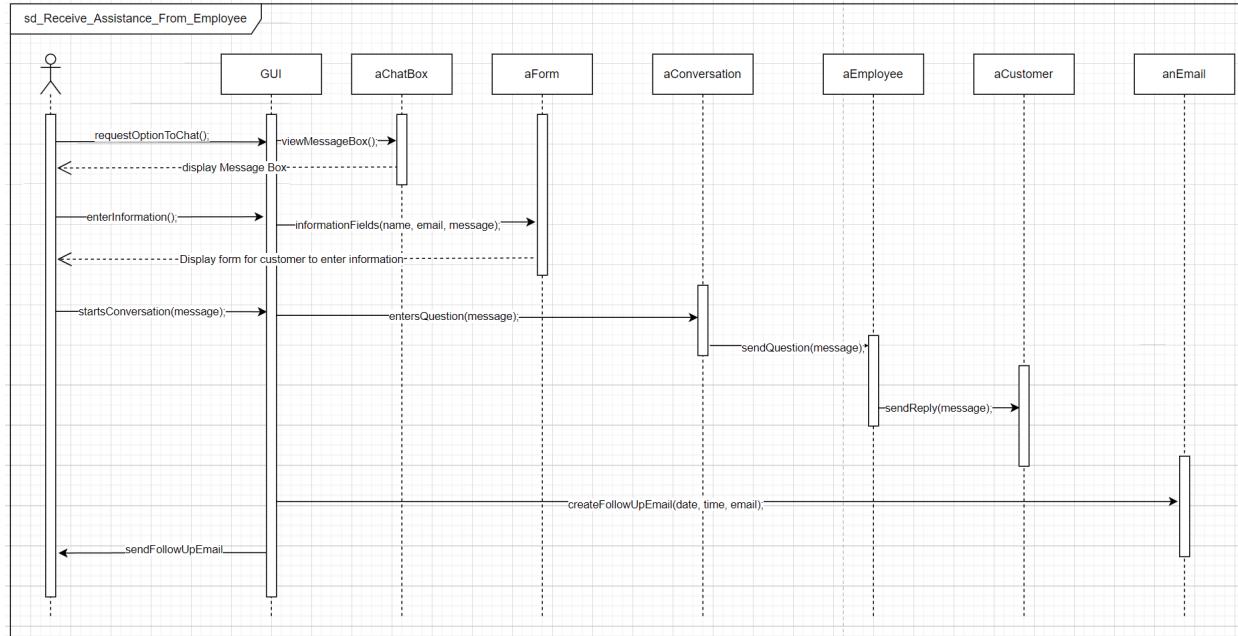
Typical Course Of Events:	Actor Action	System Response
	<p>1. Customer selects “Let’s Chat!” from any page on the site.</p> <p>4. Customer enters information on the questionnaire and selects “send”.</p> <p>6. Customer enters their questions in the chat.</p> <p>9. Customer has no more questions.</p>	<p>2. The system displays a chat message box for the customer to have a conversation with the employee.</p> <p>3. The system displays a questionnaire before the conversation for the customer to enter their name, email, and message in case the employee needs to contact the customer if they are no longer on the site.</p> <p>5. The system saves the information and starts the conversation with the employee.</p> <p>7. The system sends the questions to the employee to answer.</p> <p>8. The system sends the employees a reply to the customer.</p> <p>10. The system closes the chat.</p> <p>11. The system sends a followup message sent from the employee.</p>
Alternate Courses:	<p>9a. Customer has another question.</p> <p>9b. Go back to 6</p>	
Conclusion:	The customer will get an email with the conversation summary.	
Postcondition:	none	
Business Rules:	Confirmation email will be sent within 2 business days.	

Impl. Constraints and Specifications:	Customer needs to enter their personal information at the beginning of the chat correctly so the confirmation email is sent to the right customer.
Assumptions:	New and existing customers can receive help from employees
Open Issues:	None

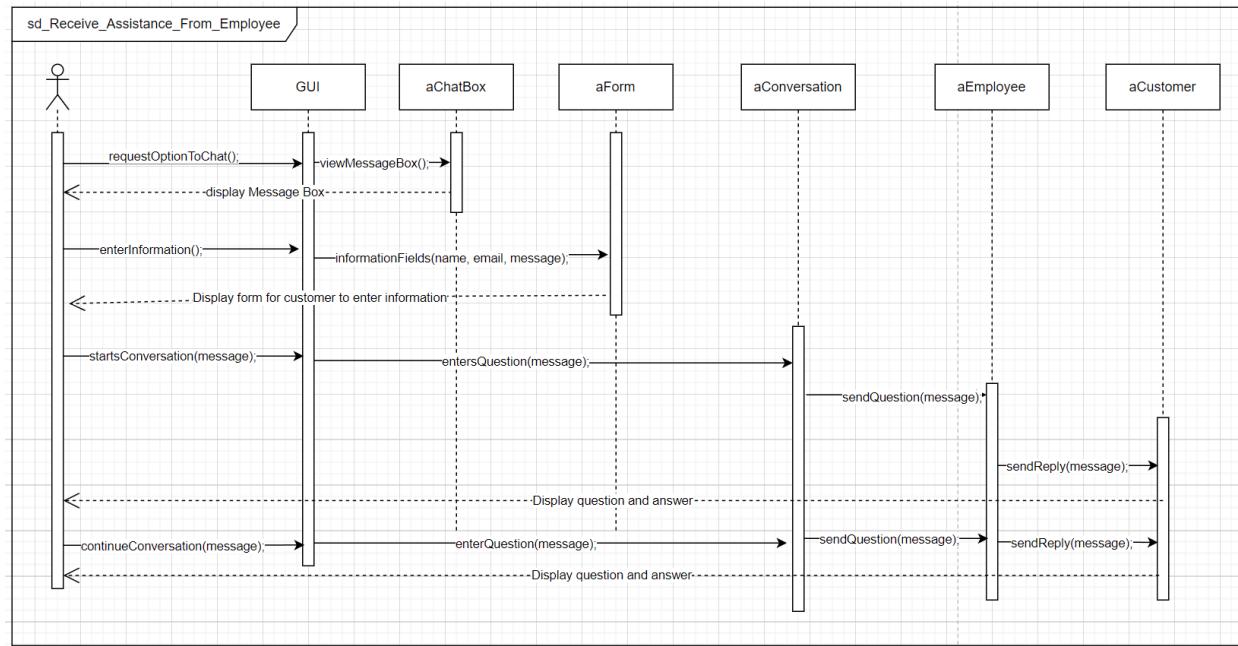
Activity Diagram:



Sequence Diagram:



Sequence Diagram Alternative:



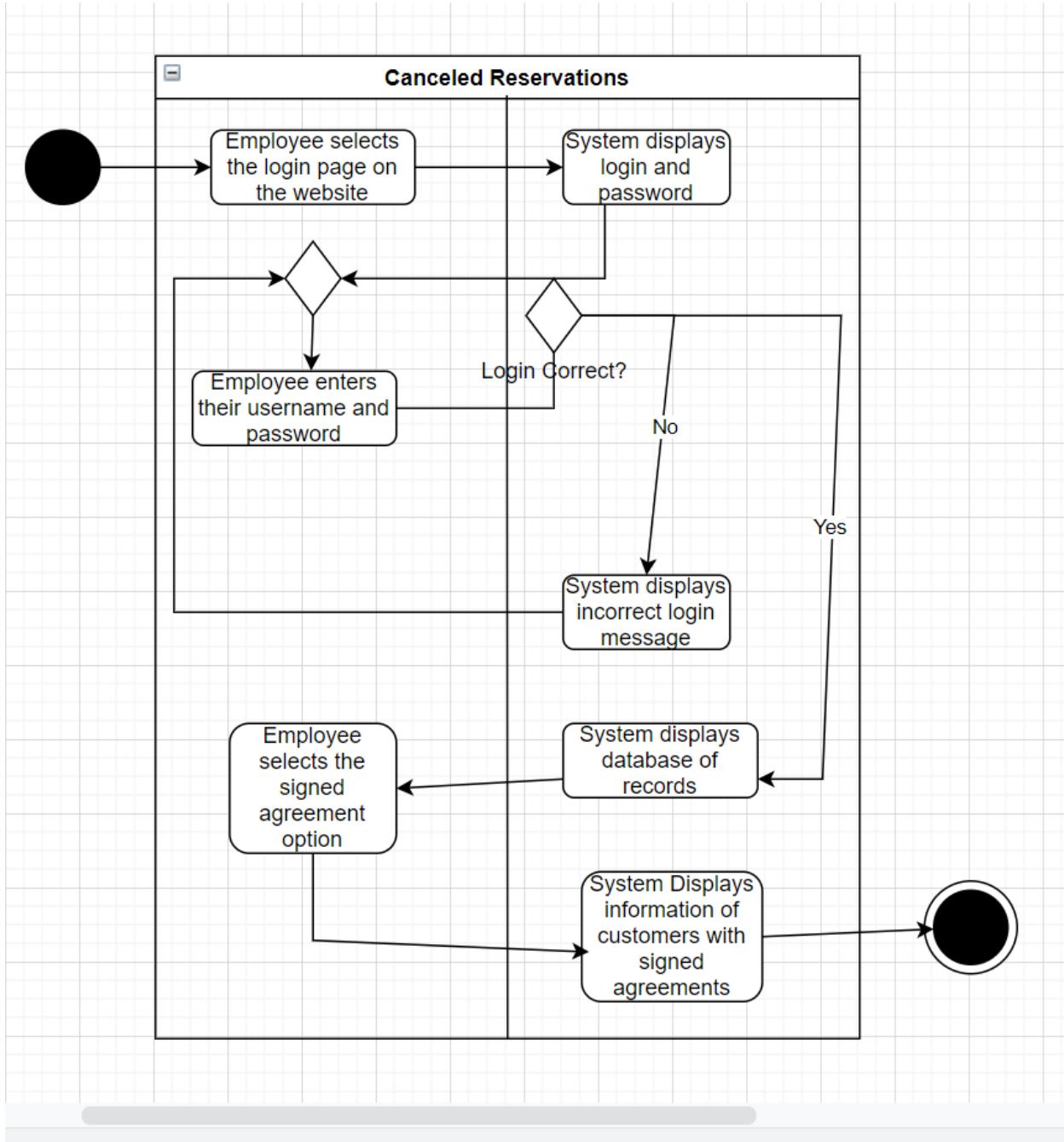
Requirement 9:

Use-Case Narrative:

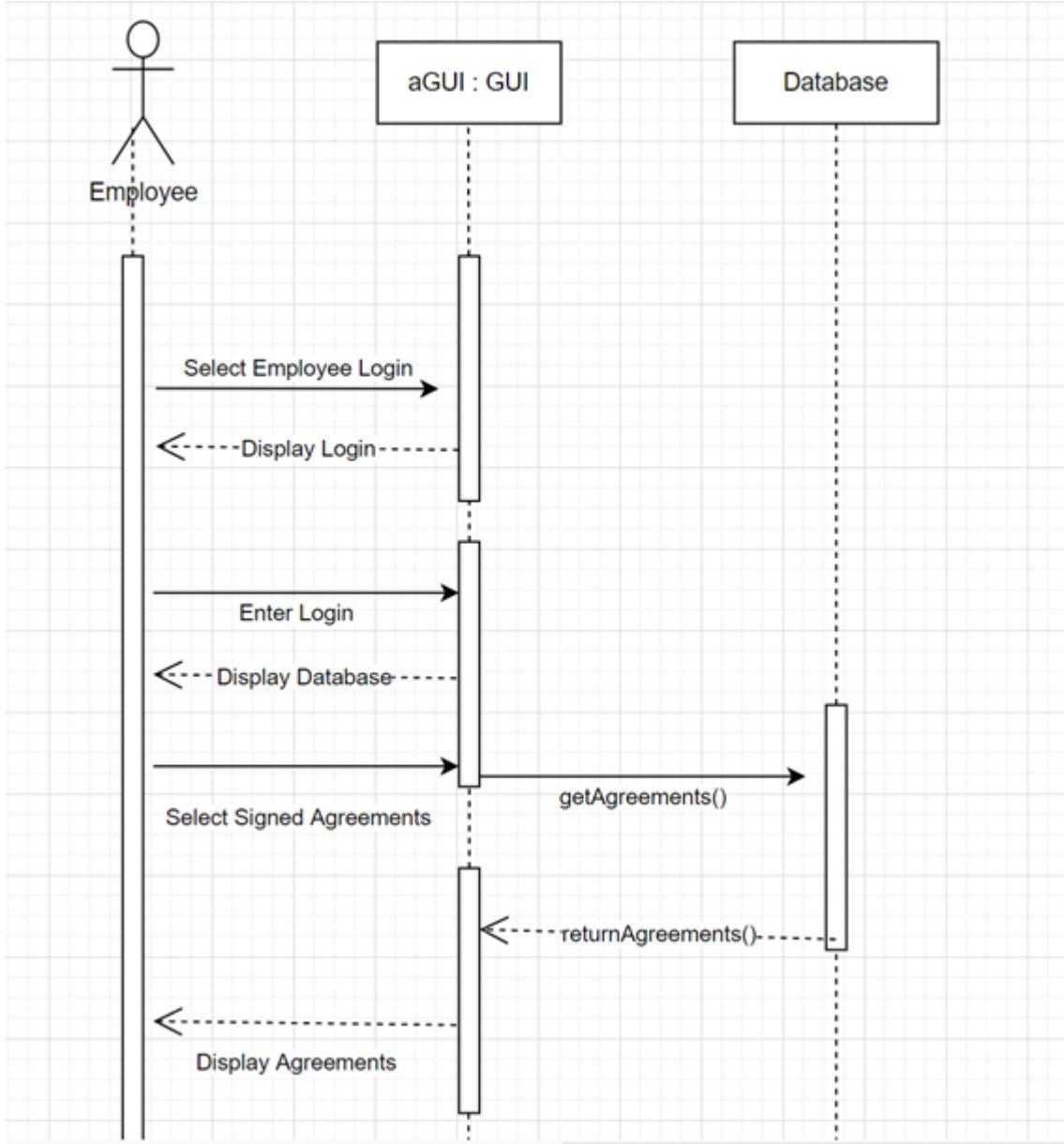
Use-Case Name:	The Scheduling Office (employee) should be able to store agreements.	Use Case Type Business Requirements: <input checked="" type="checkbox"/> System Analysis: System Design:
Use-Case ID:	9	
Priority:	Mid	
Source:	Product Backlog	
primary business actor:	Employee	
Primary System Actor:	Employee	
Other Participating Actors:	-	
Other Interested Stockholders:	-	
Description:	An employee wants to access signed agreements	
Precondition:	The employee knows their login information	
Trigger:	None	

Typical Course Of Events:	Actor Action	System Response
	1. Employee selects the employee login page on the website 3. Employee enters their username and password 5. Employee selects the signed agreement option	2. The system displays the login and password 4. The system displays the database of records 6. The system displays the information of customers with signed agreements
Alternate Courses:	3a. The login information is incorrect and the system displays an incorrect login/password message 3b. Go to step 2	
Conclusion:		The employee has the resources to assist customers with reservations
Postcondition:		-
Business Rules:		The system is able to store all signed agreements
Impl. Constraints and Specifications:		An employee can access the records at any time
Assumptions:		Only customers with reservations have a signed agreement
Open Issues:		-

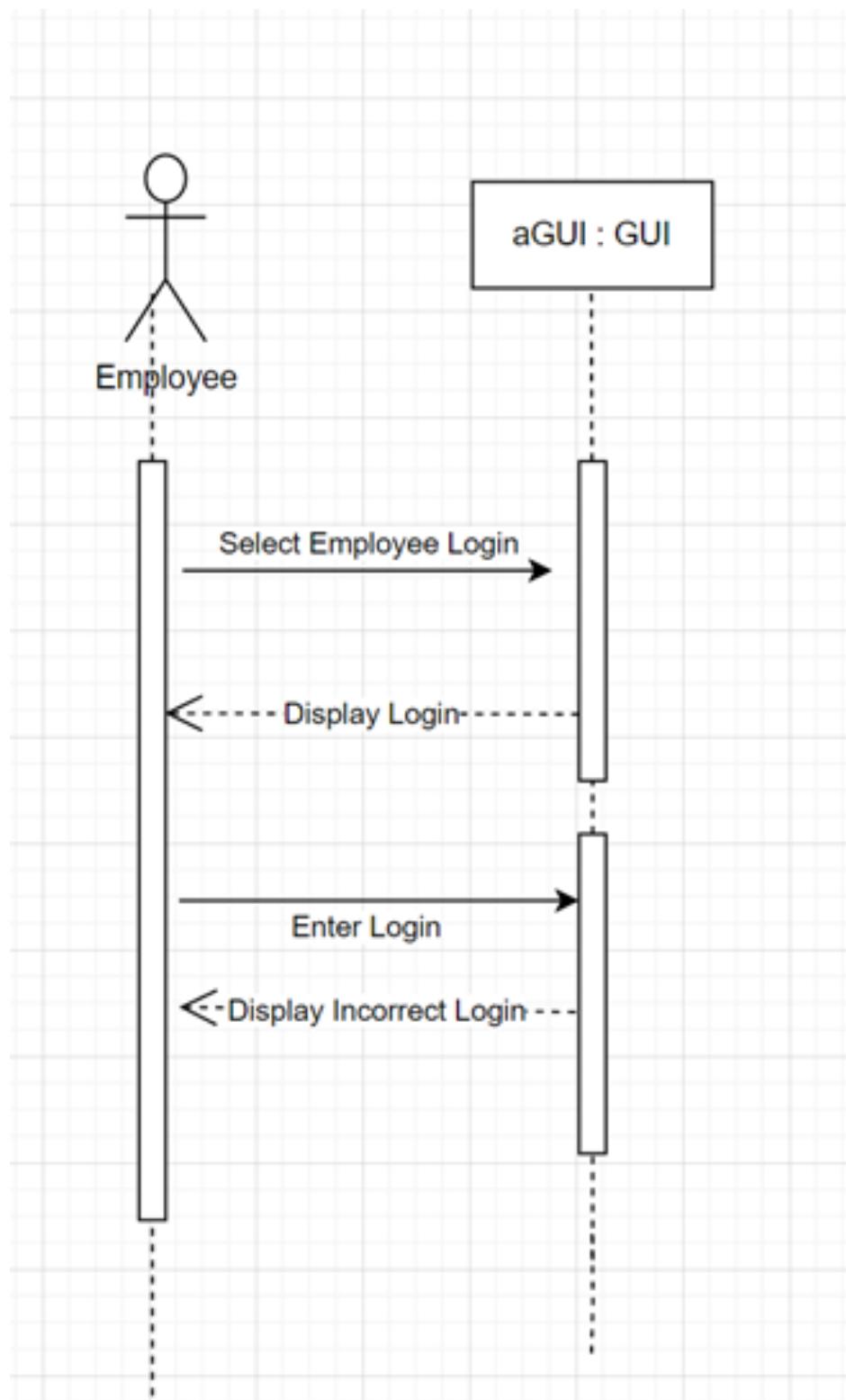
Activity Diagram:



Sequence Diagram:



Sequence Diagram Alternative:



Requirement 10:

Use-Case Narrative:

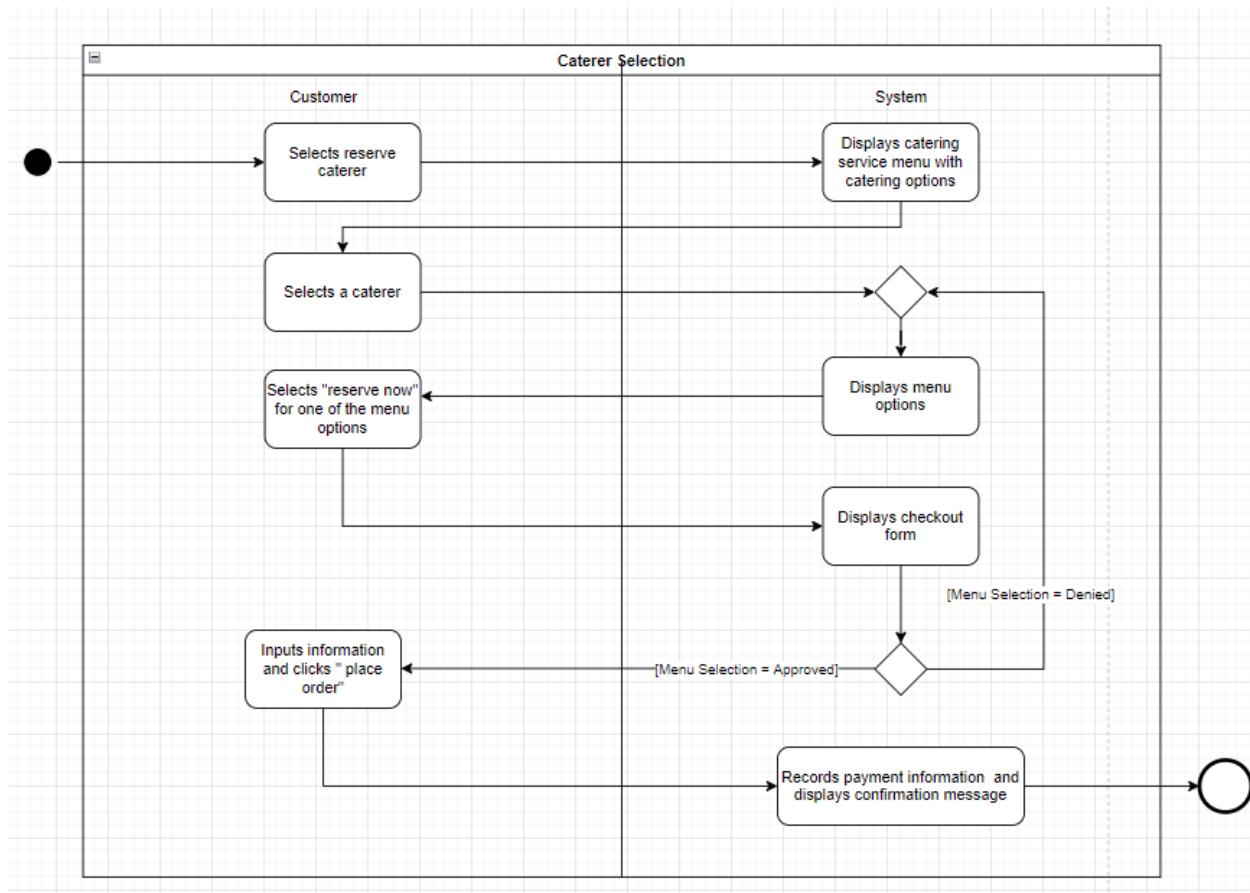
Use-Case Name:	The customer should be able to decide between the caterers and menu selections for both venues.	Use Case Type Business Requirements: X System Analysis: System Design:
Use-Case ID:	10	
Priority:	High	
Source:	Product Backlog	
primary business actor:	Customer	
Primary System Actor:	Customer	
Other Participating Actors:	-	
Other Interested Stockholders:	-	
Description:	Customer chooses a caterer and menu to reserve a catering service for one of their reservations.	
Precondition:	Customer has made a reservation at one of the venues.	
Trigger:	Customers selects the Catering Service option on the home page.	
Typical Course Of Events:	Actor Action	System Response

	<p>1. Customer selects the Reserve Caterer button.</p> <p>3. Customer selects a caterer.</p> <p>5. Customer selects the Reserve Now button next to one of the menu options.</p> <p>7. Customer inputs their reservation ID and payment information and clicks the Place Order button.</p>	<p>2. System displays Catering Services menu with caterer options.</p> <p>4. System displays menu options for the selected caterer.</p> <p>6. System displays checkout form.</p> <p>8. System records the payment information and displays “Catering Service Reserved!” message.</p>
Alternate Courses:	<p>6a. Customer doesn't like menu and selects “go back” option</p> <p>6b. System displays menu options.</p>	
Conclusion:	Customer completes their reservation with their desired caterer and menu.	
Postcondition:	-	
Business Rules:	Only one caterer can be selected for a reservation.	
Impl. Constraints and Specifications:	Customers don't need to select a caterer.	
Assumptions:	Caterer will be available during reservation time.	

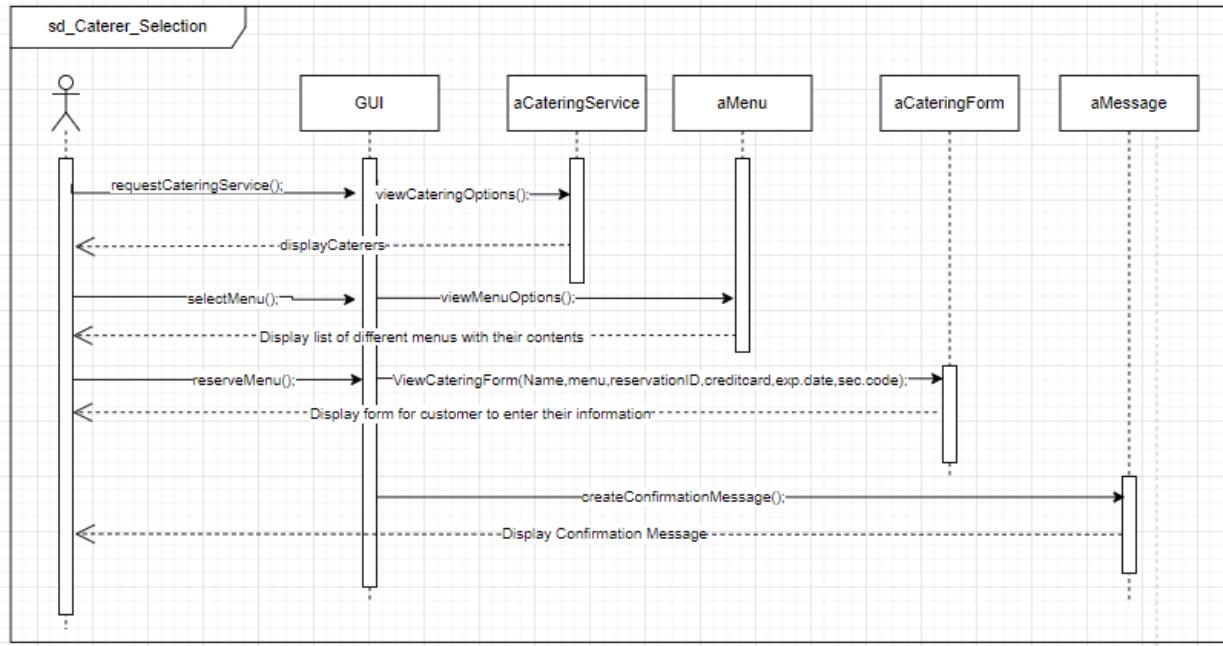
Open Issues:

-

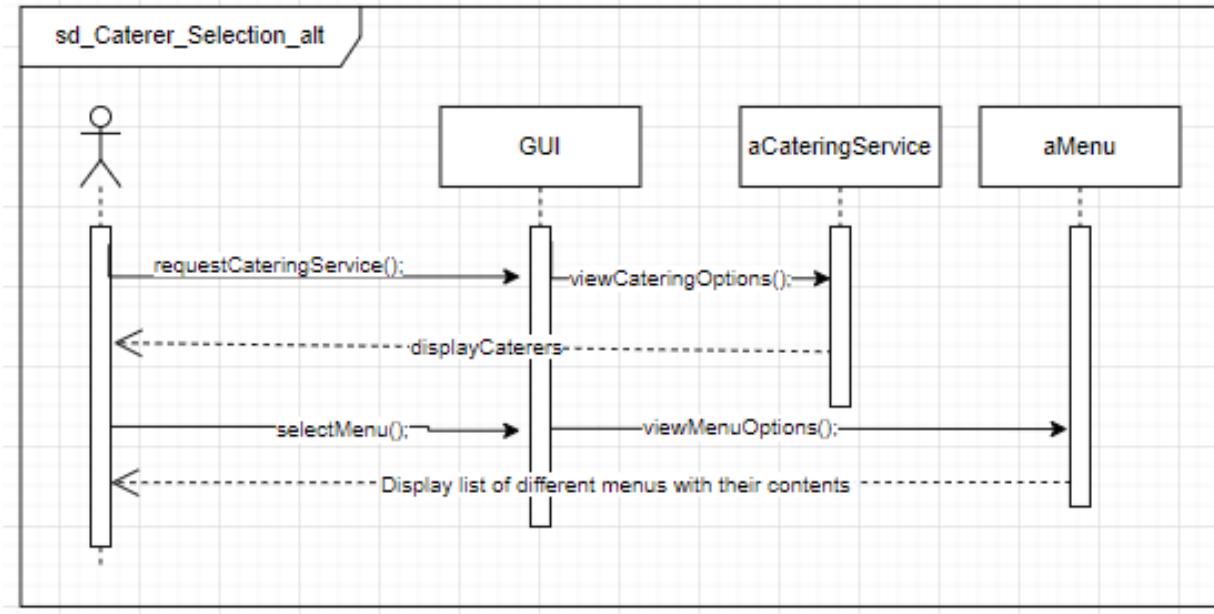
Activity Diagram:



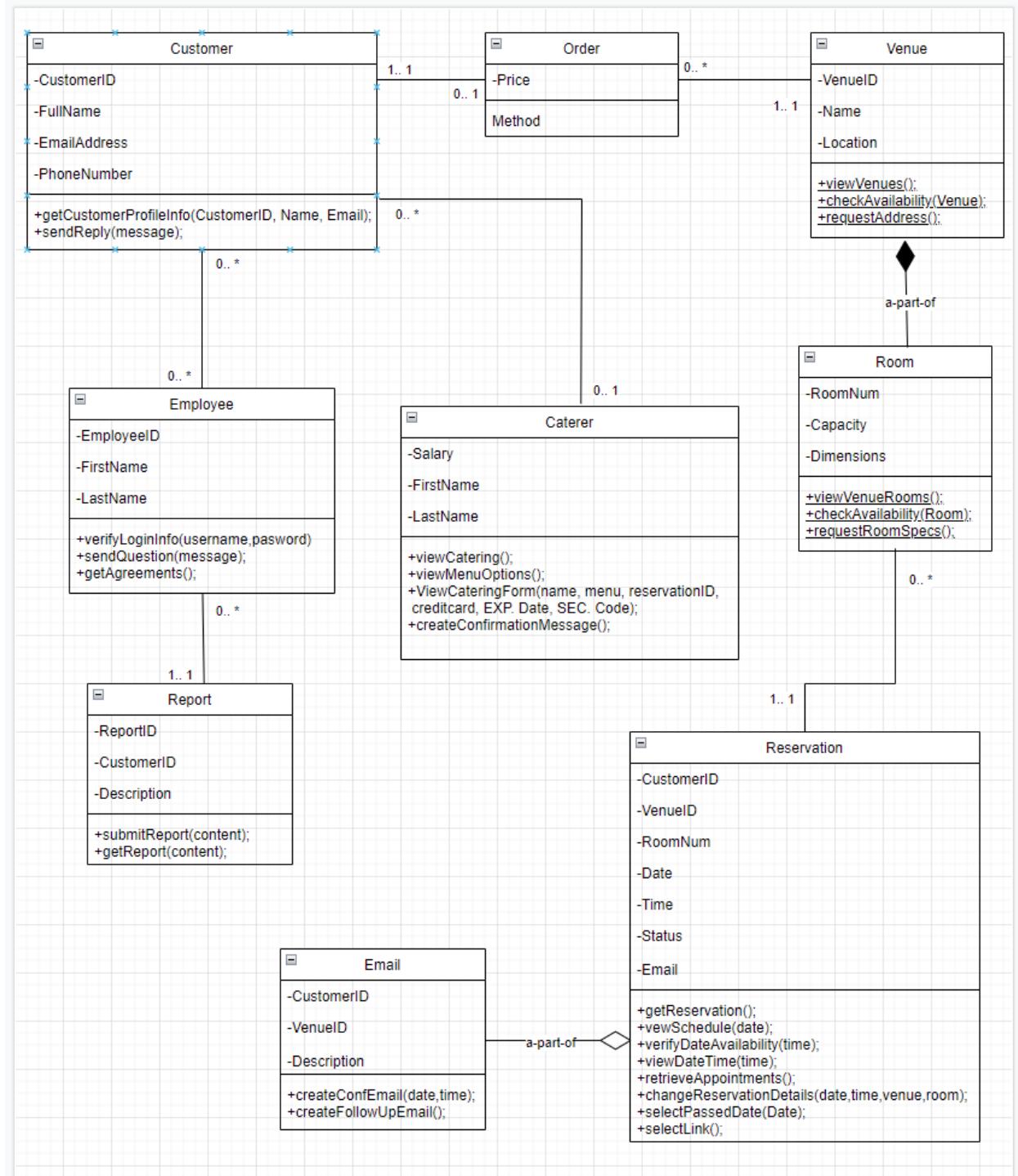
Sequence Diagram:



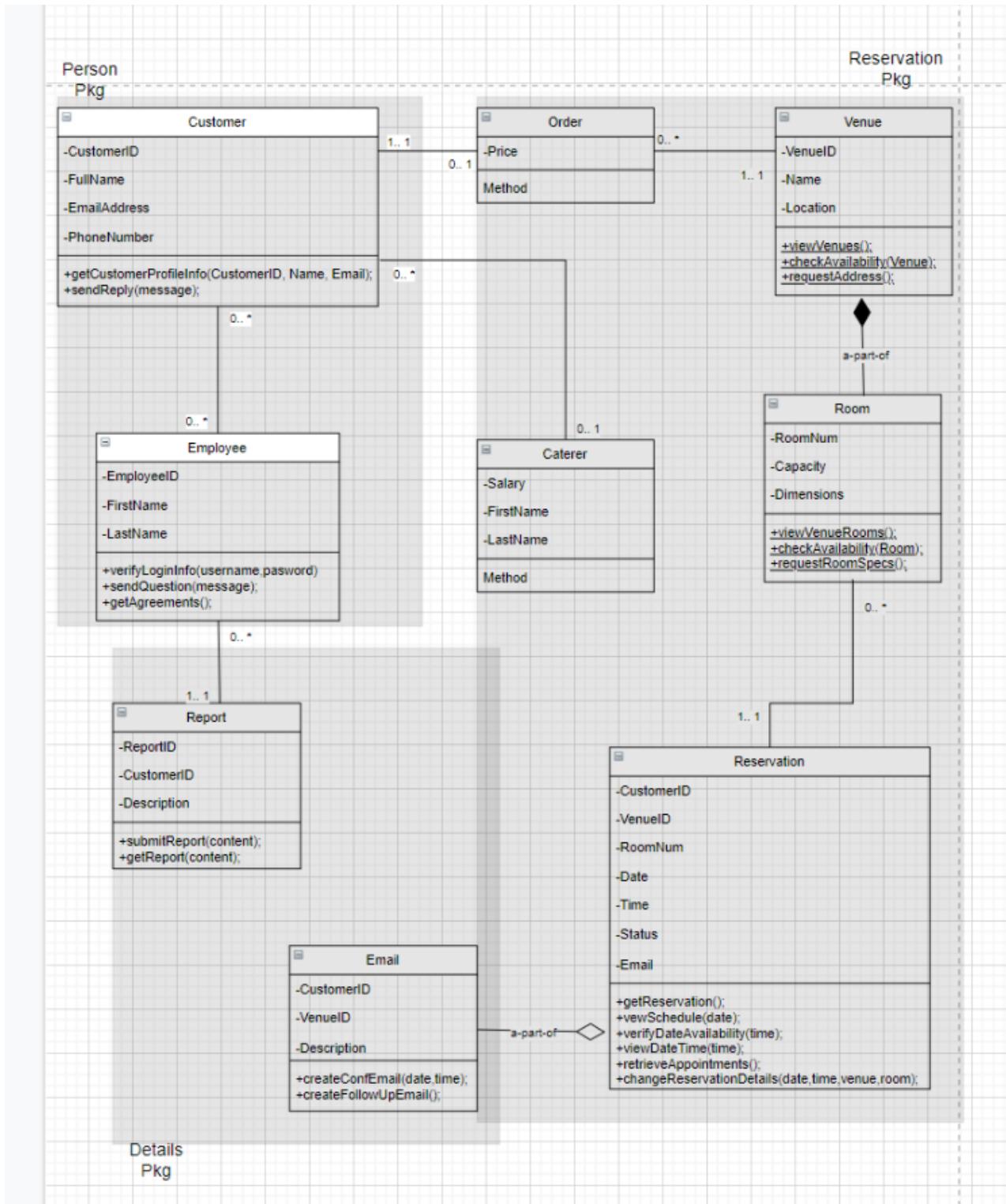
Sequence Diagram Alternative:



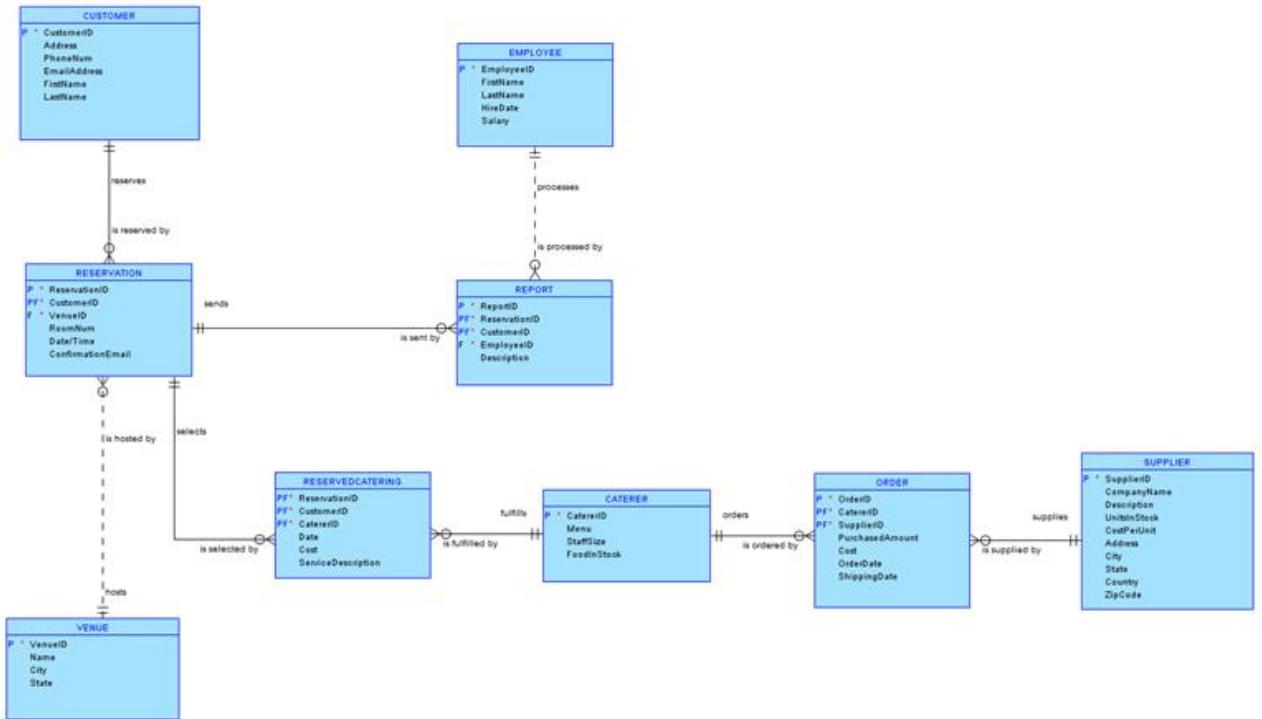
Class Diagram:



Packages:



ERD:



Gantt Chart:

CNIT 280 Team Project

KEY: AV (Amel Vejzovic), KD (Karty Dhuper), JM (Jack Mahedy), RM (Ryan Melenchuk)

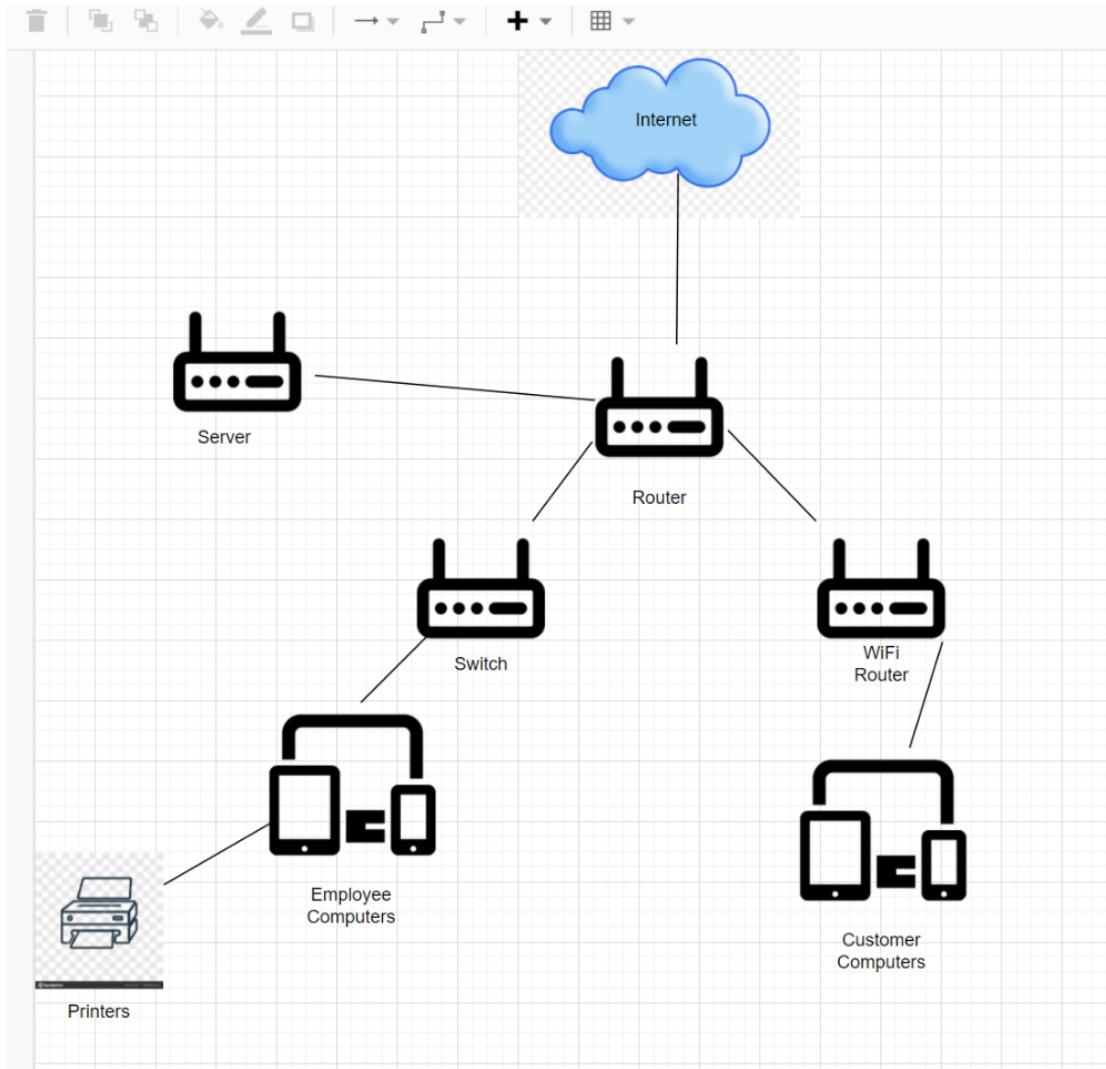
CNIT 280 Team Project

KEY: AV (Amel Vejzovic), KD (Karty Dhuper), JM (Jack Mahedy), RM (Ryan Melenchuk)

Cash Flow:

	2018	2019	2020	2021	2022	Total
Increased sales	125,000	150,000	175,000	200,000	225,000	
Reduction in paper waste	1,000	1,000	1,000	1,000	1,000	
Increased customer planning efficiency	20,000	25,000	30,000	35,000	40,000	
TOTAL BENEFITS:	146,000	176,000	206,000	236,000	266,000	
PV OF BENEFITS:	\$ 141,748	\$ 165,897	\$ 188,519	\$ 209,683	\$ 229,454	\$ 935,301
PV OF ALL BENEFITS	\$ 141,748	\$ 307,644	\$ 496,164	\$ 705,847	\$ 935,301	
1 Computer: (Windows 10 machine)	900	0	0	0	0	
1 Server: (Website database(MySQL), startup cost)	2,000	0	0	0	0	
1 Printer: (Xerox WorkCentre 6515/DN)	600	0	0	0	0	
1 Software licences: (WIX), startup cost	1,000	0	0	0	0	
1 Server software: (Oracle), startup cost	1,000	0	0	0	0	
Development labor: (4 member, 4hrs/week, 20 weeks, \$40/hr)	12,800	0	0	0	0	
TOTAL DEVELOPMENT COSTS:	18,300	0	0	0	0	
1 Hardware (Printer ink cartridges), 24 cartridges/year, \$150/year	3,600	3,600	3,600	3,600	3,600	
3 Software: (MySQR, Oracle, WIX), monthly cost	1,500	1,500	1,500	1,500	1,500	
Operational labor: (2 employees, 40 hrs/week, 48 weeks, \$40/hr)	153,000	156,000	159,000	162,000	165,000	
TOTAL OPERATIONAL COSTS:	158,100	161,100	164,100	167,100	170,100	
TOTAL COSTS:	176,400	161,100	164,100	167,100	170,100	
PV OF COSTS	\$ 171,262	\$ 151,852	\$ 150,175	\$ 148,466	\$ 146,730	\$ 768,485
PV of ALL COSTS:	\$ 171,262	\$ 323,114	\$ 473,289	\$ 621,755	\$ 768,485	
TOTAL PROJECT BENEFITS-COSTS:	\$ (30,400)	\$ 14,900	\$ 41,900	\$ 68,900	\$ 95,900	
YEARLY NPV:	\$ (29,515)	\$ 14,045	\$ 38,344	\$ 61,217	\$ 82,724	
CUMULATIVE NPV:	\$ (29,515)	\$ (15,470)	\$ 22,875	\$ 84,091	\$ 166,815	
RETURN ON INVESTMENT:	21.71%					
BREAK-EVEN POINT:	2.63					
INTANGIBLE BENEFITS:						
Increased employee work efficiency						
Increased customer satisfaction						

Physical Architecture Diagram:



Screenshots:

This is the main menu for our webpage

The screenshot shows the homepage of the Cordell Event Planning and Booking System. At the top left is a photo of a hand pouring oil from a small strainer into a bowl. To the right, the company logo features the text "Cordell Event Planning and Booking" and the tagline "Creating Moments That Last A Lifetime". A "Let's Chat!" button is visible. The background is dark.

The "Our Vision..." section contains a circular image of a formal event with tables set up. Below it is a "Contact Us" form with fields for Name, Email, Subject, and Message, along with a "Submit" button. The background is a solid tan color.

The "Contact Us" section also includes a map showing the location of 500 North Martin Jischke Dr., Lafayette, IN 47906. To the right is a photograph of several small plates of food, likely appetizers, garnished with herbs.

This is the Help Forum menu

The screenshot shows the Cordell EPaBS Help Forum page. At the top, there's a dark header bar with the site name "Cordell EPaBS". Below it is a navigation bar with links: Home, Make a Reservation Online, Reservations, Catering Services, Records, Contact, Help Forum, and More. To the right of the navigation are a "Log In" button and a notification icon showing "0".

The main content area features a large, scenic image of a lake surrounded by dense green trees. Overlaid on this image is the text "Welcome to the Forum" in a large, bold, white font, followed by "Add or edit a post to get the conversation started." in a smaller white font.

Below the image is a table listing forum categories. The table has columns for category name, user, replies, likes, posts, and date. A "Create New Post" button is located at the top right of the table. To the right of the table is a "Let's Chat!" button with a speech bubble icon.

Sort by: Recent Activity ▾					
		💬	❤️	👤	Recent Activity
General Discussion	star	0	0	7	Oct 01
Ask Anything		1	0	11	1d
What Is going on?		0	0	7	1d
Tips & Tricks		0	0	1	Oct 01
Introduce Yourself		0	0	4	Oct 01

At the bottom of the page, there are social media sharing icons (Facebook, Twitter, LinkedIn) and a copyright notice: "©2021 by Cordell Event Planning and Booking System. Proudly created with Wix.com".

This is an example of a discussion / forum post

Cordell EPaBS

Home Make a Reservation Online Reservations Catering Services Records Contact Help Forum More

Log In 0

Welcome to the Forum > Ask Anything

Search

karteikaydhuper1 Oct 01

Ask Anything

This is your forum post. Forums are a great way to engage your audience in all types of discussions. Post relevant information to encourage engagement and collaboration. With full freedom to edit posts and add stunning media, managing your forum has never been easier.

Make sure you're on preview mode or on your live published site to modify your forum. You can edit and add new posts, and use categories to organize them by topic. Manage categories from preview mode, and add as many as you like to get the conversation started.



Comment Follow Post

12 views 1 comments

Similar Posts

What is going on?

General Discussion

Tips & Tricks

Let's Chat!

Comment 0 Share

karteikaydhuper1 1d

Is that a weed?

Reply 0

Write a comment...

Publish

f t in

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This is the menu to book a reservation at a venue

Cordell EPaBS

Home Make a Reservation Online Reservations Catering Services Records Contact Help Forum More

Log In [Cart]

Our Services



City Dome Room
Selection

Rooms >



Convention Center
Room Selection

Rooms >

Let's Chat!

f t in

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Clicking the “Rooms” button takes you to the menu to select a room type

Cordell EPaBS

Home Make a Reservation Online Reservations Catering Services Records Contact Help Forum More

Log In 0

City Dome Rooms



Room Specifications
Length: 100ft
Width: 80ft
Height: 35ft
Recommended Party Size: 250
Open Hours: Mon-Sun: 9am-11pm
Address: 12 Foxhole Ave Suite 1

Convention Center Rooms



Room Specifications
Length: 75ft
Width: 75ft
Height: 50ft
Recommended Party Size: 1000
Open Hours: Mon-Sun: 9am-11pm
Address: 12 Foxhole Ave Suite 2

Ball Room >

Great Room >

Rooftop >

Theater Room >

Let's Chat!

f t in

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Clicking on any of the room type buttons takes you to the calendar/form for selecting a date and time

Cordell EPaBS

Home Make a Reservation Online Reservations Catering Services Records Contact Help Forum More

Log In [Cart]

The Ball Room

Check out our availability and book the date and time that works for you

Select a Date and Time

< December 2021 >

Sun Mon Tue Wed Thu Fri Sat

28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8

Friday, December 3
Eastern Standard Time (EST)

7:00 pm 7:30 pm
8:00 pm 8:30 pm
9:00 pm

Let's Chat!

Booking Summary

The Ball Room

Next

f t in

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This is the form for inputting your personal information and booking the room

Cordell EPaBS

Home Make a Reservation Online Reservations Catering Services Records Contact Help Forum More

Log In [Cart icon]

◀ Back

Add Your Info

Tell us a bit about yourself

Name *

Email *

Phone Number

Add Your Message

* Required Info

The Ball Room

2 hr

December 3, 2021 7:00 PM

Book It

Let's Chat!

Cancellation Policy ▾

f t in

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This is the confirmation pop-up for a successfully booked reservation

The screenshot shows the top navigation bar of the Cordell EPaBS website. It includes the logo "Cordell EPaBS", a search bar, and links for "Home", "Make a Reservation Online", "Reservations", "Catering Services", "Records", "Contact", "Help Forum", and "More". On the right side, there are "Log In" and a notification icon with a "0".

A confirmation pop-up window titled "Great, You're Booked!" displays the following information:
Date: 3 December
Time: Fri 7:00 PM
Location: The Ball Room
Staff Member: Staff Member #1
Duration: 2 hr
Action: Add to My Google Calendar
A "Let's Chat!" button is also present.

[Check out more services](#)

The footer of the website features social media icons for Facebook, Twitter, and LinkedIn. Below them, a copyright notice reads: "©2021 by Cordell Event Planning and Booking System. Proudly created with Wix.com".

This is the menu for selecting a caterer

Cordell EPaBS

Home Make a Reservation Online Reservations Catering Services Records Contact Help Forum More

Log In 0

Catering Services

Our catering services are widely renowned, high class establishments bringing the finest delicacies, professionally trained caterers, and more to each of our venues.



The Basic

You're a poser, and that's okay. Between the dry salmon and burnt veggies, you likely won't be reserving this option for the flavor and presentation.



The Fast Food

You're broke.



Le Restaurant

It's French. It's classy. It's not an affordable price range for the middle class.



Restaurant

Just here for fun.

Let's Chat!

f t in

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This is an example of what the menu options for a caterer would look like

Cordell EPaBS

Home Make a Reservation Online Reservations Catering Services Records Contact Help Forum More

Login 0 Go Back

Menu A

Green stuff.

 Salad with More \$11
The salad with more. It's got more.
Reserve Now

 Creamy Soup \$14
It's creamy.
Let's Chat!

 Salad with Less \$6
It's got avocados and cucumbers and I think some nuts.

 Tomato Soup with Leaf \$9
It's not actually soup. The leaf is probably the only edible in this dish.

 Burnt Veggies \$12
They're burnt. Half the calories, double the flavor.
VS ✓ ✓ ✓

 Cilantro Fries \$14
Why?

Menu B

Includes more substantia(ly edible) options than menu A.

 Salmon \$20
Fresh salmon on a bed of buttery spinach and topped with a freshly gathered weed from outside. Don't forget the lemon. ↗
Reserve Now

 Rice and Beans \$22
It's rice. It's beans. It's just rice and beans.
✖

 Butter Sea Bass \$35
Sea Bass on some potatoes we didn't feel like chopping up all the way. Also asparagus.

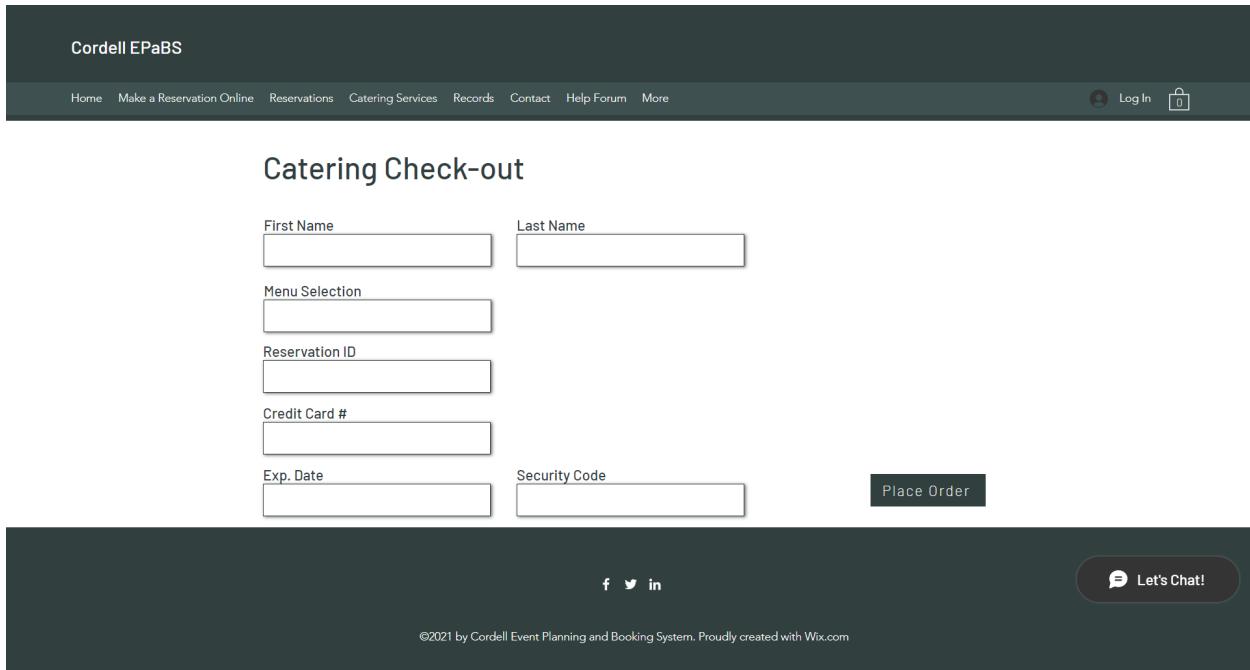
 Pad Thai Noodles \$13
Just the noodles. What, you wanted veggies? This ain't a charity you know.

 Penne Pasta \$20
We don't know what Larry used as a sauce and frankly, we're too afraid to ask. Complimentary half eaten cucumbers slices.

f t in

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This is the catering check-out form



The screenshot shows a dark-themed web page for "Cordell EPaBS". At the top, there's a navigation bar with links for Home, Make a Reservation Online, Reservations, Catering Services, Records, Contact, Help Forum, and More. On the right side of the nav bar are icons for Log In and a shopping cart containing 0 items. Below the navigation, the title "Catering Check-out" is centered. The form consists of several input fields: "First Name" and "Last Name" (each in its own box), "Menu Selection" (in a box), "Reservation ID" (in a box), "Credit Card #" (in a box), "Exp. Date" (in a box), and "Security Code" (in a box). To the right of these fields is a "Place Order" button. At the bottom of the page, there are social media sharing icons (f, t, in) and a "Let's Chat!" button.

Catering Check-out

First Name

Last Name

Menu Selection

Reservation ID

Credit Card #

Exp. Date

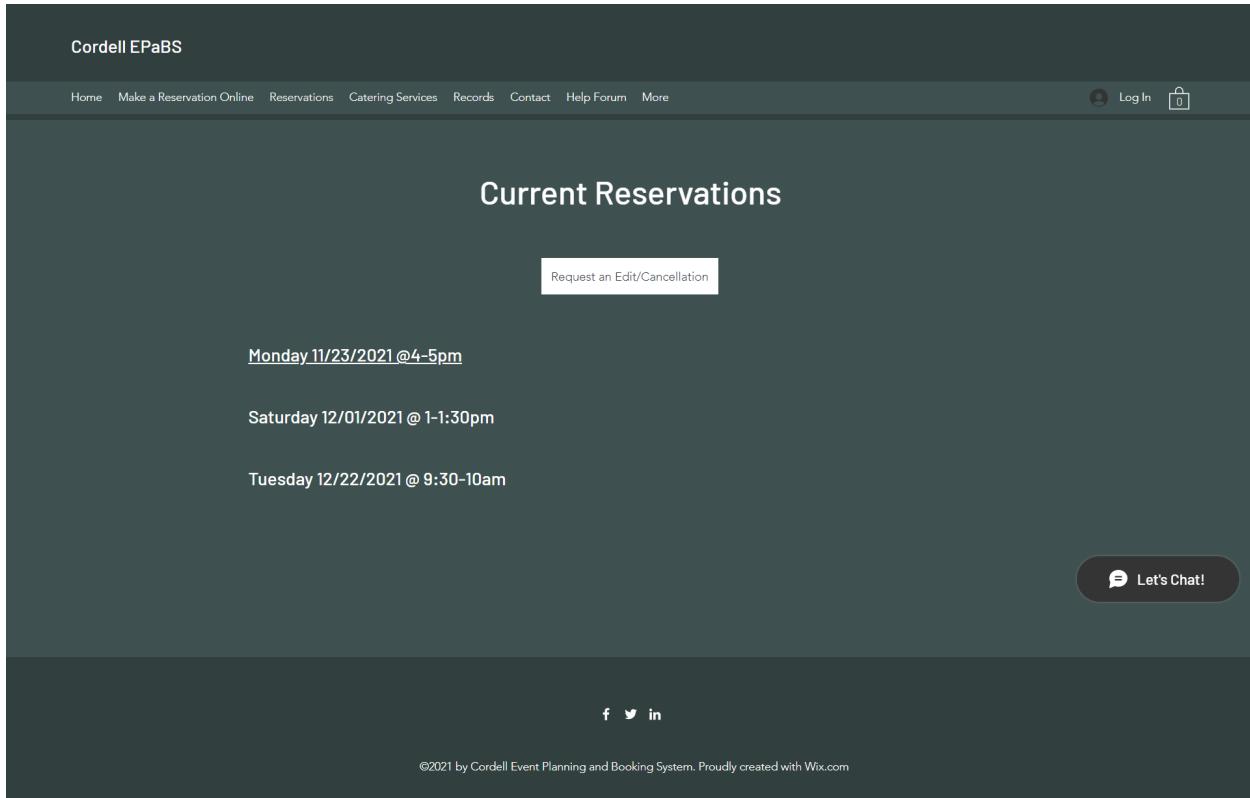
Security Code

Place Order

f t in

Let's Chat!

This is the menu displaying the current reservations for the logged-in customer



The screenshot shows a dark-themed web page for "Cordell EPaBS". The top navigation bar and user icons are identical to the previous screenshot. The main content area is titled "Current Reservations". It features a button labeled "Request an Edit/Cancellation". Below this, three reservation details are listed: "Monday 11/23/2021 @ 4-5pm", "Saturday 12/01/2021 @ 1-1:30pm", and "Tuesday 12/22/2021 @ 9:30-10am". At the bottom of the page, there are social media sharing icons (f, t, in) and a "Let's Chat!" button.

Current Reservations

Request an Edit/Cancellation

Monday 11/23/2021 @ 4-5pm

Saturday 12/01/2021 @ 1-1:30pm

Tuesday 12/22/2021 @ 9:30-10am

f t in

Let's Chat!

This is an example of a recorded reservation form as displayed to the customer

Cordell EPaBS

Home Make a Reservation Online Reservations Catering Services Records Contact Help Forum More

Log In [Cart]

Current Reservations

[Reschedule Appointment >](#)

Room Name *

Main Conference Hall

Date Time

11/23/2021 4-5pm

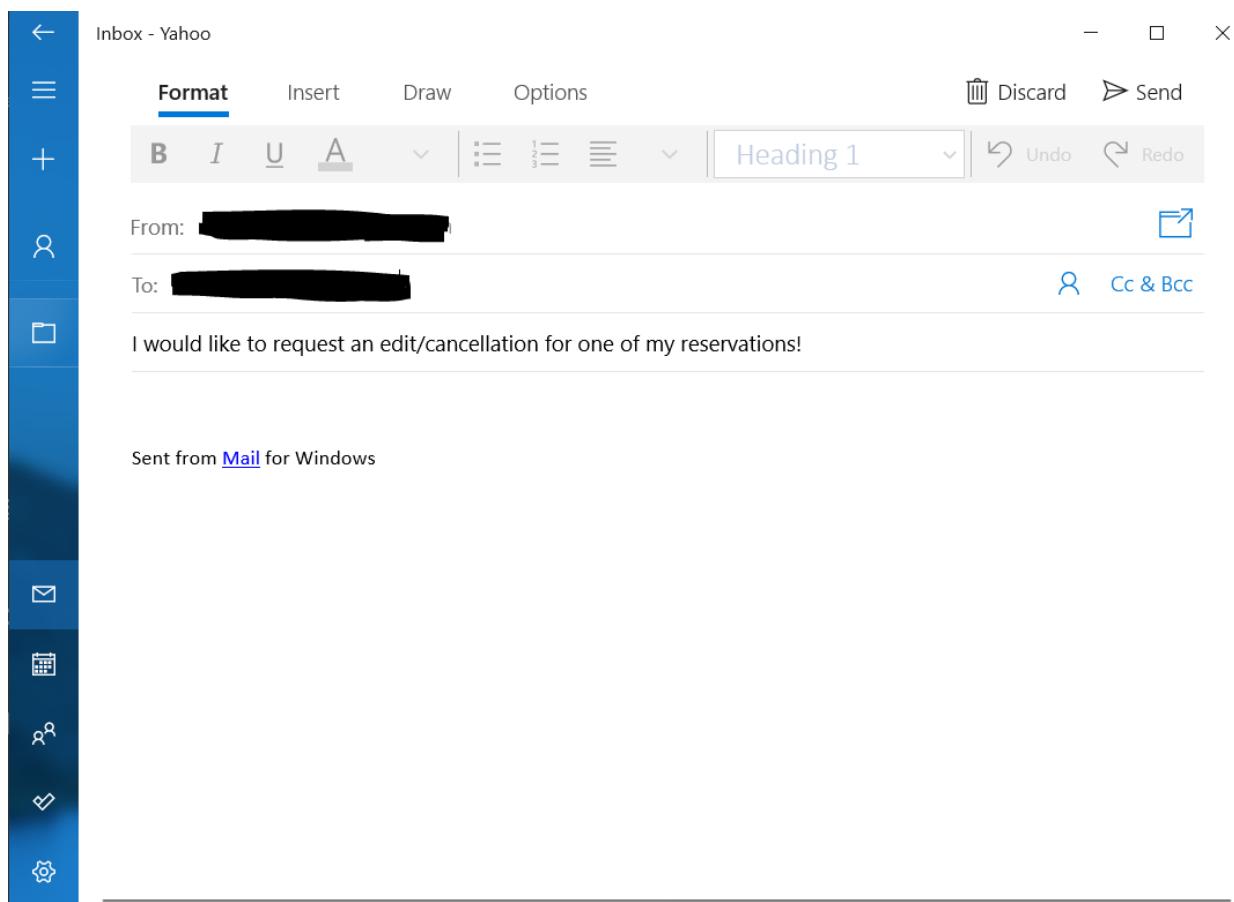
[Edit](#)

[Let's Chat!](#)

f t in

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This is the pop-up when clicking the “Request and Edit/Cancellation” button



This is the Records menu

The screenshot shows the 'Records' section of the Cordell EPaBS website. At the top, there's a navigation bar with links for Home, Make a Reservation Online, Reservations, Catering Services, Records, Contact, Help Forum, and More. On the far right of the bar are icons for Log In and a lock symbol. Below the navigation, the word 'Records' is centered in a large, bold, white font. Underneath it are two rectangular buttons: 'Submit an Agreement' (top) and 'Submit a Report' (bottom). Further down, there are four links: 'Scheduled Reservations', 'Cancelled Reservations', 'Signed Agreements', and 'Customer Information'. To the right of 'Customer Information' is a dark grey rounded rectangle containing a white speech bubble icon and the text 'Let's Chat!'. At the very bottom of the page, there's a dark footer bar with small white icons for Facebook, Twitter, and LinkedIn, followed by the text '©2021 by Cordell Event Planning and Booking System. Proudly created with Wix.com'.

This is the form for submitting an agreement plus the confirmation text for a successful submission at the bottom

The screenshot shows a dark-themed web page for 'Cordell EPaBS'. At the top, there's a navigation bar with links for Home, Make a Reservation Online, Reservations, Catering Services, Records, Contact, Help Forum, and More. On the right side of the nav bar are icons for Log In and a user profile. Below the navigation, the main content area has a title 'Submit an Agreement' and a sub-instruction 'This is a legally binding document.' There are six input fields for personal information: First Name, Last Name, Email *, Phone, Room Number *, and E-Signature *. A 'Submit' button is centered below these fields. To the right of the input fields is a circular 'Let's Chat!' button with a speech bubble icon. At the bottom of the page, there are social media sharing icons (f, t, in) and a copyright notice: '©2021 by Cordell Event Planning and Booking System. Proudly created with Wix.com'

Cordell EPaBS

Home Make a Reservation Online Reservations Catering Services Records Contact Help Forum More

Log In

Submit an Agreement

This is a legally binding document.

First Name
Enter your first name

Last Name
Enter your last name

Email *
Enter your email

Phone
Enter your phone

Room Number *
e.g. 116

E-Signature *
Enter your full name

Submit

Thanks for submitting!

f t in

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This is the form for submitting a Report plus the confirmation text at the bottom

Cordell EPaBS

Home Make a Reservation Online Reservations Catering Services Records Contact Help Forum More  Log In 

Submit a Report

This is a legally binding document.

Report: *

Write your report here...

 Let's Chat!

Submitted successfully!

[f](#) [t](#) [in](#)

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This is the menu displaying examples of cancelled reservations (only visible to an employee)

The screenshot shows a dark-themed website for "Cordell EPaBS". At the top, there's a navigation bar with links: Home, Make a Reservation Online, Reservations, Catering Services, Records, Contact, Help Forum, and More. To the right of the navigation are icons for user profile, Log In, and a lock symbol. The main title "Cancelled Reservations" is centered above a list of names: "Jimmy Holtman" and "John Smith". Below the names is a row of social media icons for Facebook, Twitter, and LinkedIn. At the bottom, there's a copyright notice: "©2021 by Cordell Event Planning and Booking System. Proudly created with Wix.com" and a "Let's Chat!" button with a speech bubble icon.

This is an example of a cancelled reservation form

Cordell EPaBS

Home Make a Reservation Online Reservations Catering Services Records Contact Help Forum More  Log In 

Cancelled Reservation

Reservation Code *
4938295823

First Name
Jimmy

Last Name
Holtman

Email *
jholtman12@gmail.com

Phone
(732)-443-1236

Room Name *
The Rooftop



f t in

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This is the menu displaying example names of people who have signed agreements

The screenshot shows a dark-themed website for "Cordell EPaBS". At the top, there's a navigation bar with links for Home, Make a Reservation Online, Reservations, Catering Services, Records, Contact, Help Forum, and More. On the far right of the bar are icons for Log In and a lock symbol. Below the navigation, the page title "Signed Agreements" is centered in a large white font. Underneath the title, four names are listed: "Craig Nickelson", "Scott Wipples", and "Angelo Kingsley". At the bottom of the page, there are social media sharing icons for Facebook, Twitter, and LinkedIn. To the right, a button labeled "Let's Chat!" with a speech bubble icon is visible. A small copyright notice at the very bottom reads: "©2021 by Cordell Event Planning and Booking System. Proudly created with Wix.com".

This is an example of a form for a signed agreement

Cordell EPaBS

Home Make a Reservation Online Reservations Catering Services Records Contact Help Forum More Log In

Signed Agreement

This is a legally binding document.

First Name
Craig

Last Name
Nickelson

Email *
cnick72@gmail.com

Phone
(555) 555-5555

Room Name *
The Conference Room

E-Signature *
Craig Nickelson

Edit

Let's Chat!

f t in

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This is the Let's Chat window

Cordell Event Planning and Book... 

● We'll reply as soon as we can

7:18 PM

hello

answer me, bot

Sent

Type your message...



POWERED BY **Ascend** BY WIX

Prototype Link:

<https://karteikaydhuper1.wixsite.com/website>

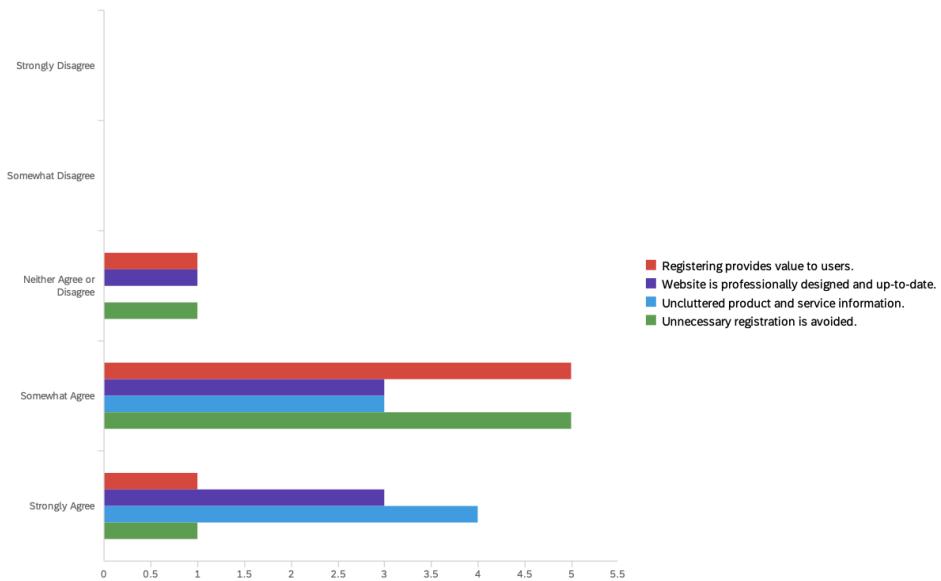
Prototype Evaluation Results:

Question 1:

Default Report

280 prototype evaluation
November 30, 2021 8:45 AM MST

Q2 - User Experience



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Registering provides value to users.	3.00	5.00	4.00	0.53	0.29	7
2	Website is professionally designed and up-to-date.	3.00	5.00	4.29	0.70	0.49	7
3	Uncluttered product and service information.	4.00	5.00	4.57	0.49	0.24	7
4	Unnecessary registration is avoided.	3.00	5.00	4.00	0.53	0.29	7

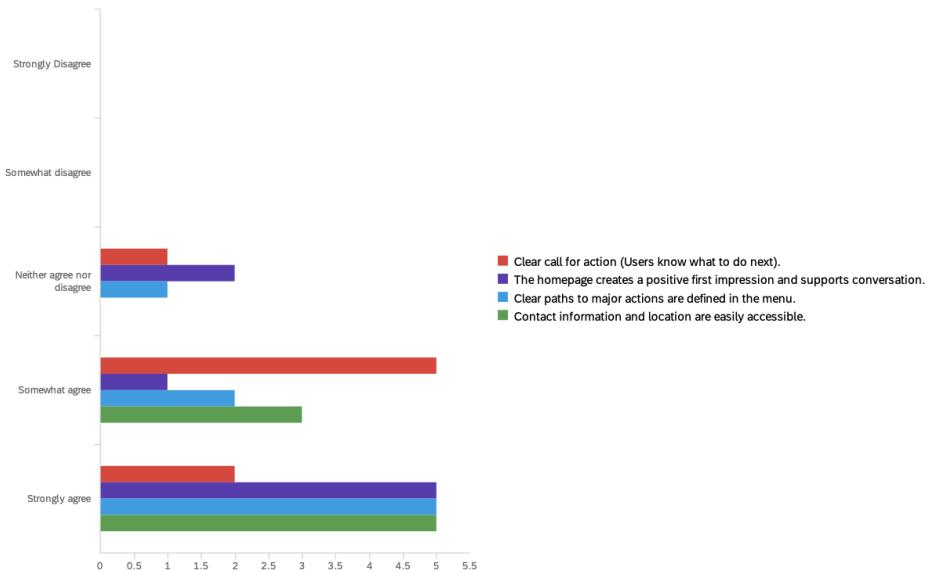
#	Field	Strongly Disagree	Somewhat Disagree	Neither Agree or Disagree	Somewhat Agree	Strongly Agree	Total
1	Registering provides value to users.	0.00% 0	0.00% 0	14.29% 1	71.43% 5	14.29% 1	7
2	Website is professionally designed and up-to-date.	0.00% 0	0.00% 0	14.29% 1	42.86% 3	42.86% 3	7

#	Field	Strongly Disagree	Somewhat Disagree	Neither Agree or Disagree	Somewhat Agree	Strongly Agree	Total
3	Uncluttered product and service information.	0.00% 0	0.00% 0	0.00% 0	42.86% 3	57.14% 4	7
4	Unnecessary registration is avoided.	0.00% 0	0.00% 0	14.29% 1	71.43% 5	14.29% 1	7

Showing rows 1 - 4 of 4

Question 2:

Q3 - Homepage



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Clear call for action (Users know what to do next).	3.00	5.00	4.13	0.60	0.36	8
2	The homepage creates a positive first impression and supports conversation.	3.00	5.00	4.38	0.86	0.73	8
3	Clear paths to major actions are defined in the menu.	3.00	5.00	4.50	0.71	0.50	8
4	Contact information and location are easily accessible.	4.00	5.00	4.63	0.48	0.23	8

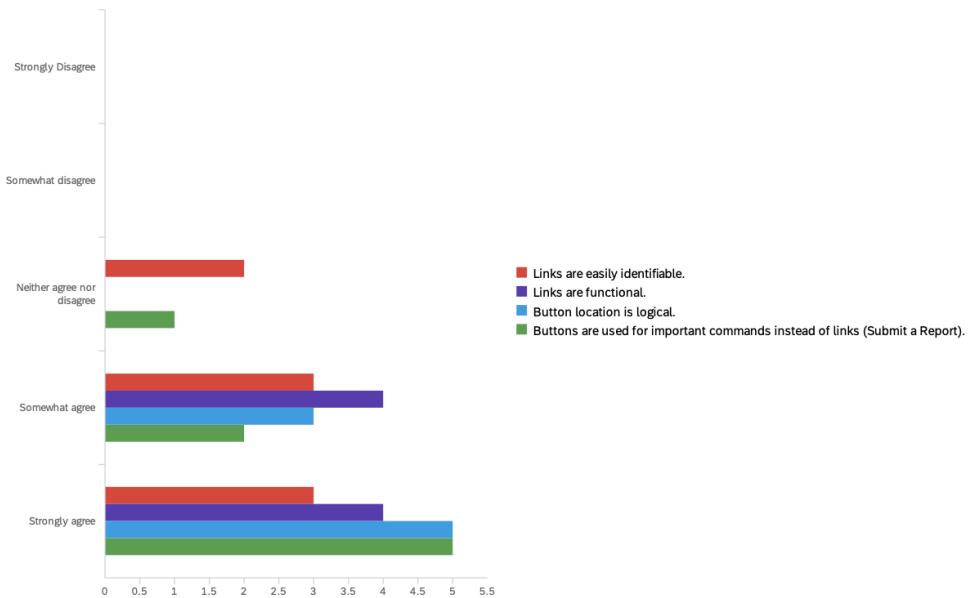
#	Field	Strongly Disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree	Total
1	Clear call for action (Users know what to do next).	0.00% 0	0.00% 0	12.50% 1	62.50% 5	25.00% 2	8
2	The homepage creates a positive first impression and supports conversation.	0.00% 0	0.00% 0	25.00% 2	12.50% 1	62.50% 5	8

#	Field	Strongly Disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree	Total
3	Clear paths to major actions are defined in the menu.	0.00% 0	0.00% 0	12.50% 1	25.00% 2	62.50% 5	8
4	Contact information and location are easily accessible.	0.00% 0	0.00% 0	0.00% 0	37.50% 3	62.50% 5	8

Showing rows 1 - 4 of 4

Question 3:

Q4 - Links and Buttons



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Links are easily identifiable.	3.00	5.00	4.13	0.78	0.61	8
2	Links are functional.	4.00	5.00	4.50	0.50	0.25	8
3	Button location is logical.	4.00	5.00	4.63	0.48	0.23	8
4	Buttons are used for important commands instead of links (Submit a Report).	3.00	5.00	4.50	0.71	0.50	8

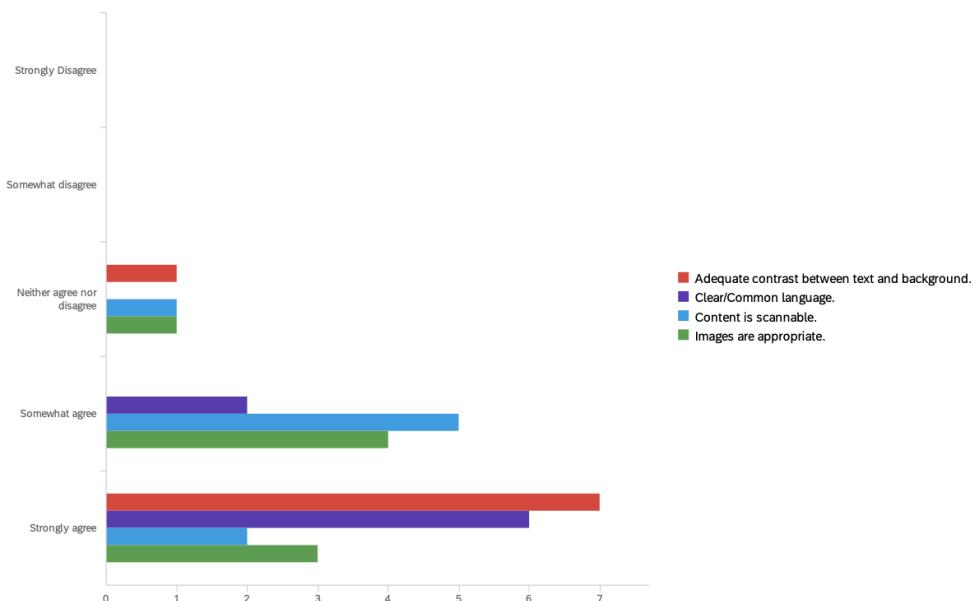
#	Field	Strongly Disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree	Total
1	Links are easily identifiable.	0.00% 0	0.00% 0	25.00% 2	37.50% 3	37.50% 3	8
2	Links are functional.	0.00% 0	0.00% 0	0.00% 0	50.00% 4	50.00% 4	8
3	Button location is logical.	0.00% 0	0.00% 0	0.00% 0	37.50% 3	62.50% 5	8

#	Field	Strongly Disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree	Total
4	Buttons are used for important commands instead of links (Submit a Report).	0.00% 0	0.00% 0	12.50% 1	25.00% 2	62.50% 5	8

Showing rows 1 - 4 of 4

Question 4:

Q5 - Content



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Adequate contrast between text and background.	3.00	5.00	4.75	0.66	0.44	8
2	Clear/Common language.	4.00	5.00	4.75	0.43	0.19	8
3	Content is scannable.	3.00	5.00	4.13	0.60	0.36	8
4	Images are appropriate.	3.00	5.00	4.25	0.66	0.44	8

#	Field	Strongly Disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree	Total
1	Adequate contrast between text and background.	0.00% 0	0.00% 0	12.50% 1	0.00% 0	87.50% 7	8
2	Clear/Common language.	0.00% 0	0.00% 0	0.00% 0	25.00% 2	75.00% 6	8
3	Content is scannable.	0.00% 0	0.00% 0	12.50% 1	62.50% 5	25.00% 2	8
4	Images are appropriate.	0.00% 0	0.00% 0	12.50% 1	50.00% 4	37.50% 3	8

Showing rows 1 - 4 of 4

Strengths and Weaknesses:

Weaknesses:

Considering our survey results, our user experience responses seem to dictate that registering is not as good as it could be (whether as a process or a functioning aspect of our website), and so it could likely be improved were we to work on it in the future. It had the fewest ‘strongly agree’ responses and the most total ‘somewhat agree,’ and so would be our weakest aspect even with relatively positive feedback.

Another issue with many of our menus and example reports/forms is that not everything is linked to meaningful data (although this doesn’t seem to greatly impact the metrics we’ve provided for the link and buttons dimension).

Strengths:

Our greatest strength would likely be the clarity of our language and contrast of our text and backgrounds. We fell off slightly on content scannability and appropriate images but still retained a greater than 4 average (slightly above somewhat agree).

Links and buttons would probably also be a strength, with averages on 3 of the 4 questions being 4.5 or greater. Most people seemed to strongly agree that button location is logical, links are functional, and that buttons are used for important commands.

Final Team Retrospective:

Planning:

The organization of work was mainly planned out by simply assessing which tasks still needed to be completed for our final project submission (as well as the video we did yesterday), and allocating the activities based on who was best at the harder tasks and then handing out the rest via process of elimination (of the tasks). Some things like the gantt chart or ERD were left mainly to me since I had made them to begin with and so leaving the updating to me was simplest and ensured consistency rather than changing who would update/insert it every time. Communication was handled via GroupMe for simple messaging and MSTeams for meeting online.

Monitoring:

I would say that our task allocation / distribution of work was what went the best for this “milestone.” We did not have too many issues deciding who should do what and most of our tasks got completed in a timely fashion.

I would not say that many things went *wrong* in this “milestone,” but we maybe could have done a few things a little bit earlier rather than work on it the last day (this retrospective included).

I do not have any concerns. This is our final “milestone” for the class and considering our team collaboration/coordination thus far, I believe there was nothing much to be concerned about even along the way.

Evaluation:

_____ The particular strengths of this submission would probably be the fact that most of our work was already completed to a satisfactory level of quality, and thus allowed us to focus on any necessary updates which needed to be made to existing documents as well as the creation of any new things such as the executive summary, physical architecture diagram, and screenshots.

The screenshots could maybe be improved to include some more transitional explanations (e.g. Button X led to Menu Y). It is also possible that the packages are not entirely correct or that the cash flow should have undergone more revisions than it did, but these are simply possibilities and I still believe that their current quality is satisfactory.

Plan of Action:

_____ Seeing as how there are no future milestones, I believe our next plan of action would be to take a well-deserved break.