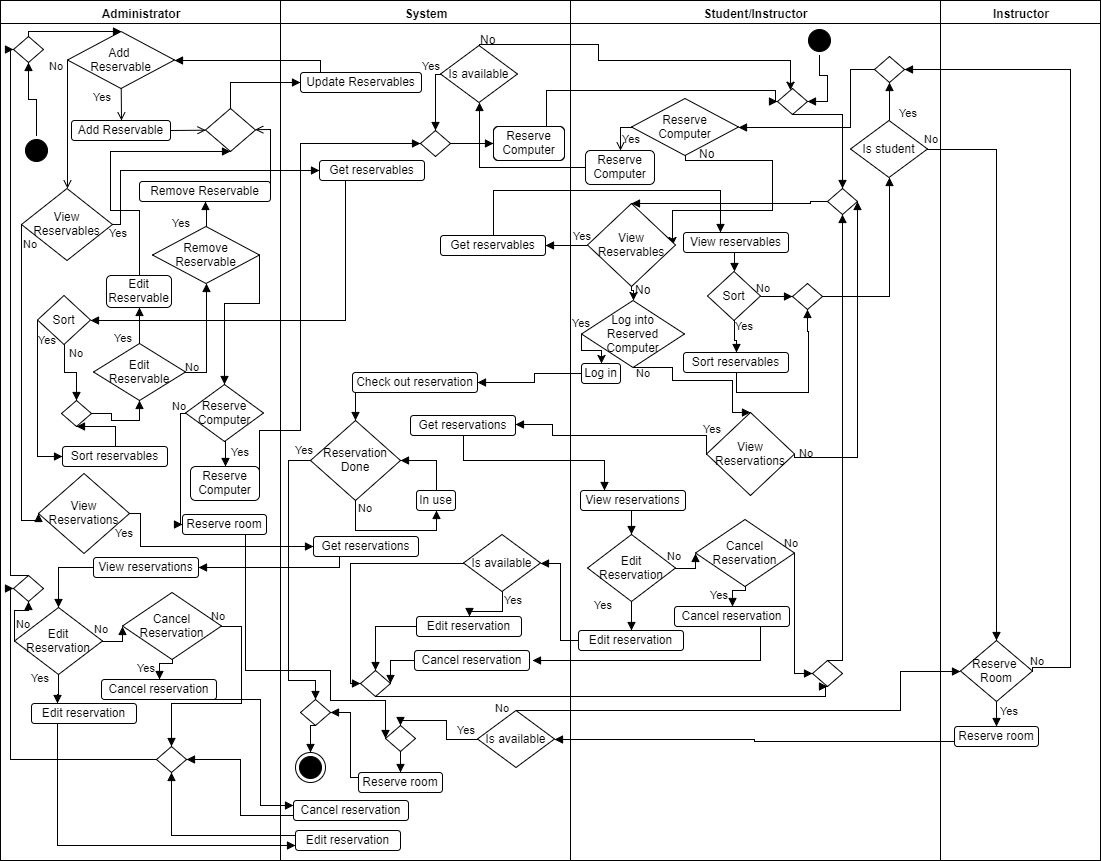
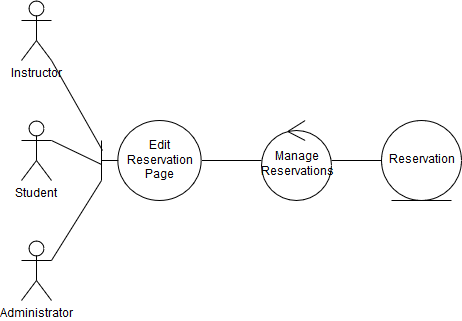
**Activity Diagram:**

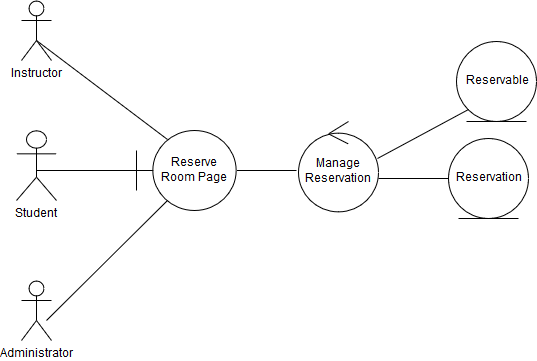


**Robustness Diagrams:**

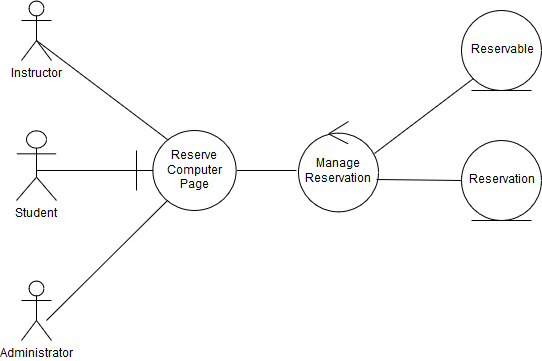
View Reservations:



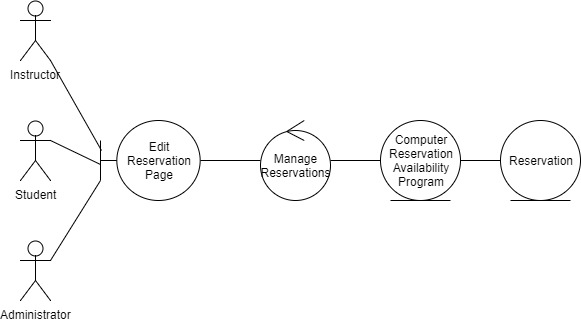
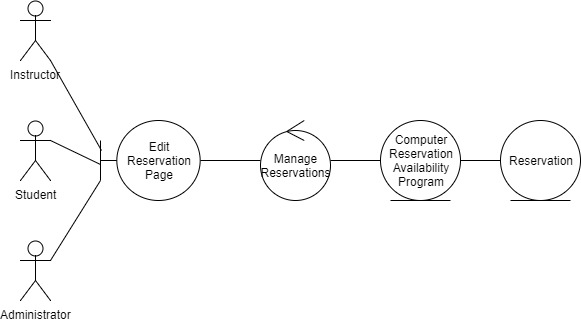
Reserve Room:



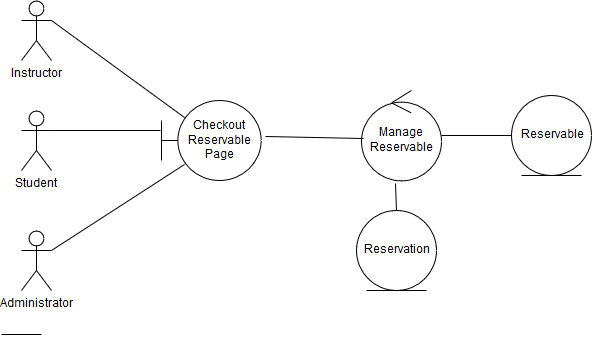
Reserve Computer:



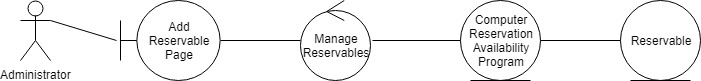
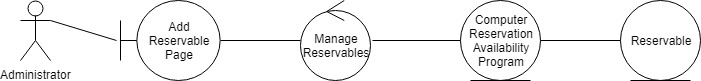
Edit Reservation:



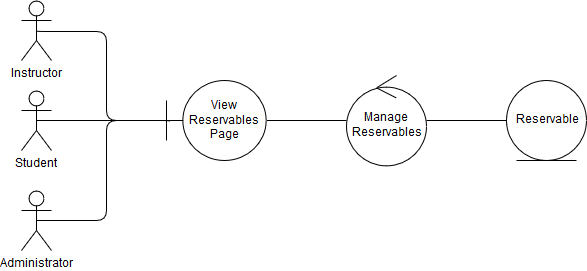
Checkout Reservable:



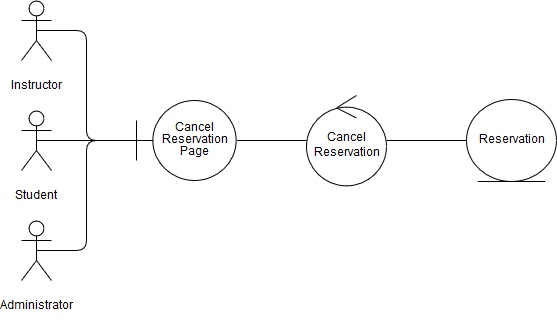
Add Reservable:



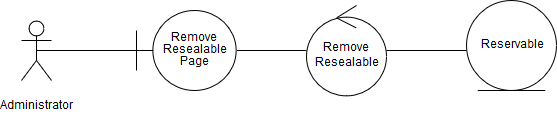
View Reservables:



Cancel Reservation:



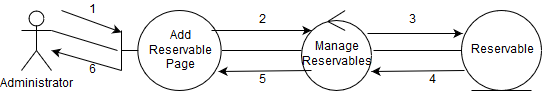
Remove Reservable:

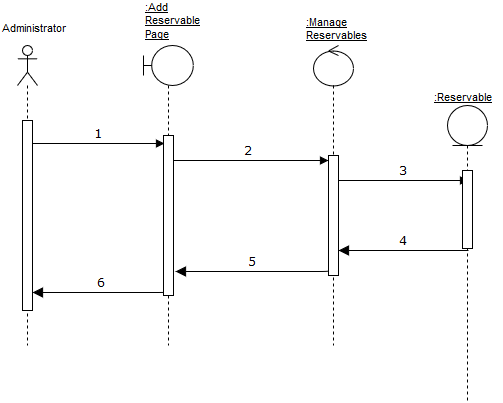


**Collaboration/Sequence Diagrams:**

Add Reservable:

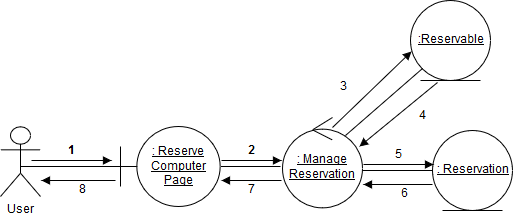
1. Provide reservable information
2. Pass reservable information
3. Create reservable
4. Return reservable
5. Reservable added
6. Reservable added

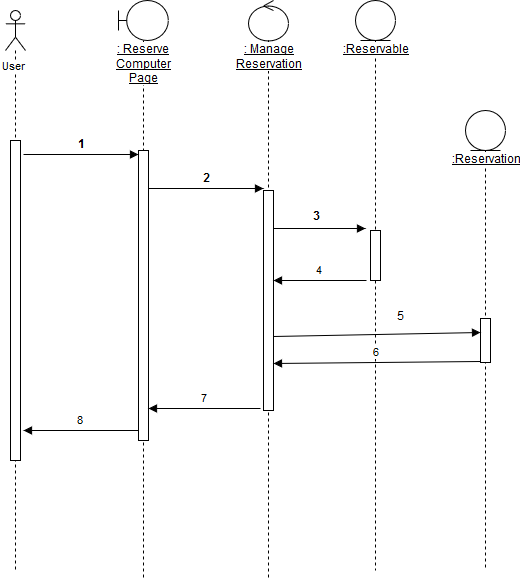




Reserve Computer:

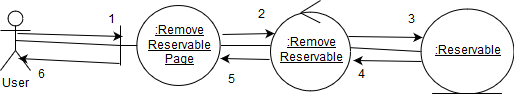
1. Request to reserve a computer
2. Pass reservation info
3. Create Reservable
4. Return Reservable
5. Create Reservation
6. Return Reservation
7. Reservation Added
8. Reservation Added

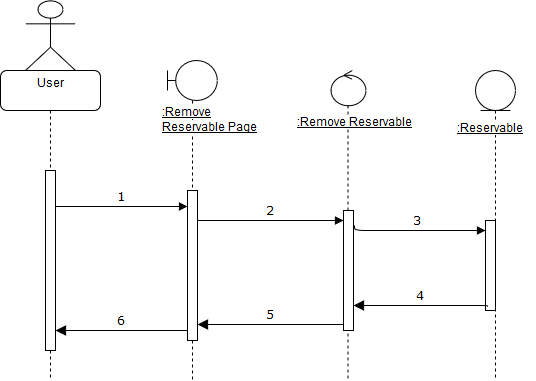




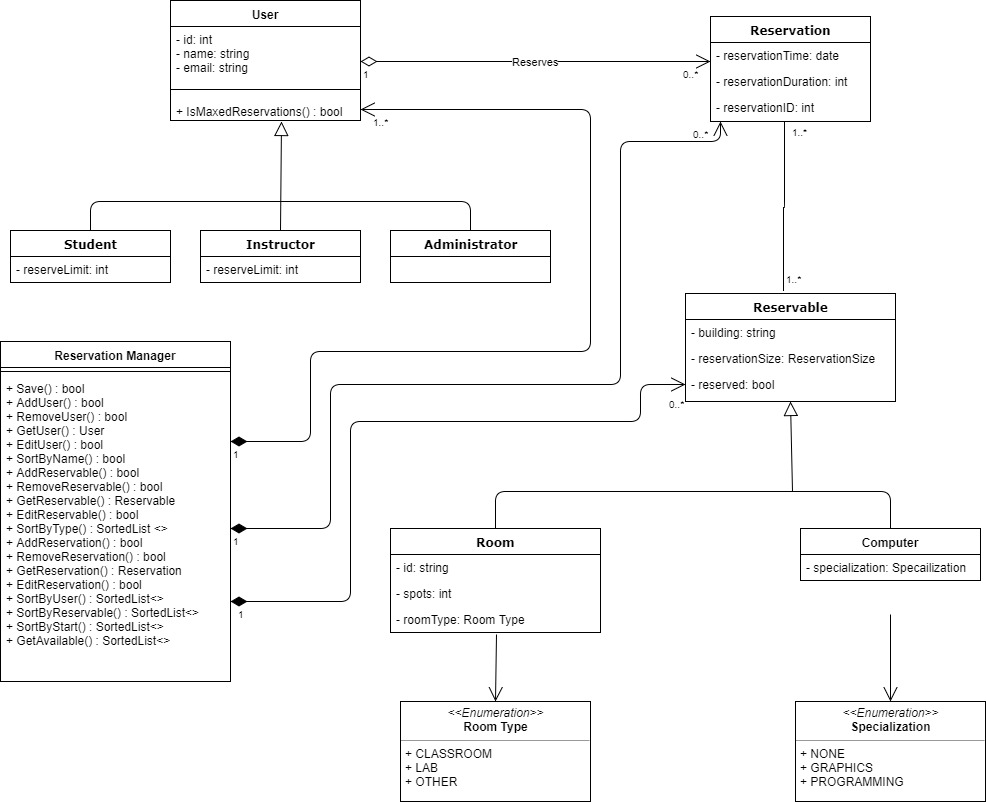
Remove Reservable:

1. Select the reservable to remove
2. Pass reservable information
3. Delete reservable
4. Reservable deleted
5. Successfully removed
6. Successfully removed





**Class Diagram:**



**Detailed Design:**

AddUser

RemoveUser

GetUser

SortByName

AddReservable

RemoveReservable

GetReservable

SortByType

AddReservation

RemoveReservation

GetReservation

SortByUser

SortByReservable

SortByStart

CheckAvailability

**Teamwork Dynamics:**

The weekly meetings were set at times everyone was available. This eliminated conflicting schedules allowing everyone to show up to each meeting. It also helped us have a more consistent work flow from week to week.

The GitHub repository allowed everyone to have access to the files at any time. This eliminated the issue our group had dividing up the work.

The workload was distributed evenly,

Levon Swenson, Junsu Jeong – Worked on detailed design with pseudocode.

Evan Gjerde – Worked on the class diagram.

Benjamin Mehn – Worked on refining all previous diagrams based on the feedbacks from last assignments.

Alex Bisbach – Worked on the activity diagram