

Room Booking System

Group Uno

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Project Scope (2pages!!)

Our product/project will be a Room Booking System where we can register students and faculty who are interested in staying at dormitories in the college. With this system, it would be easier to monitor and maintain the room bookings whether incoming or in-house. Yes, there are similar systems in the market that hotels use like Opera, Lightspeed, Fidelio and more. However, ours will be simpler and more direct to the point.

The major features of our software will be the view room availability. With this feature, it will be easier for the receptionist/administration and student/faculty to view if they are rooms available.

****More features: Room Search, Dorm room waitlist, Book Rooms, Payment system**

Group Dynamics

Team leader: Rayyan Haroon

Roles of each member:

Nicole – secretary

Karina – assistant

Rayyan – group leader

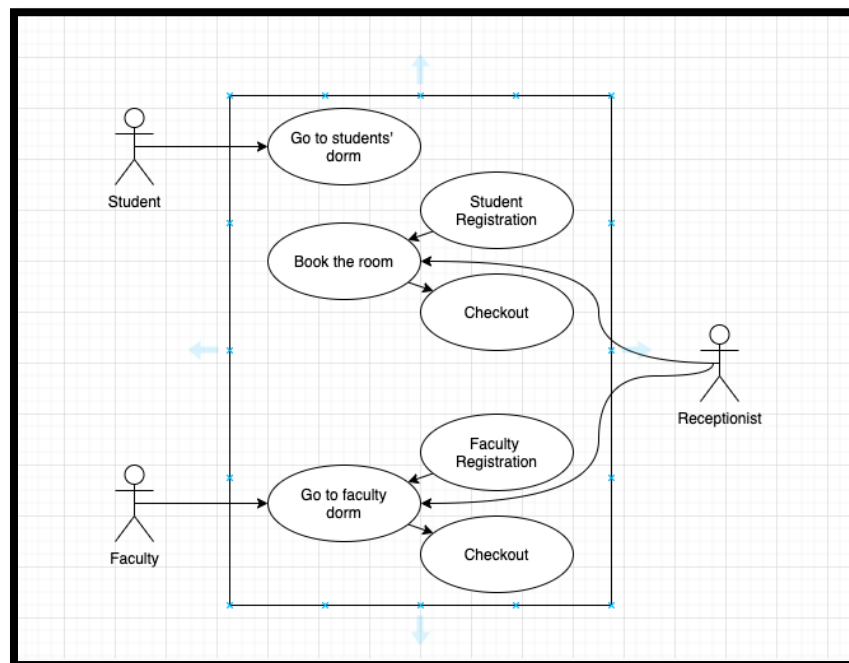
Disagreements in the roles:

Who the TL will be?

How were they dealt with?

Group members talked it over.

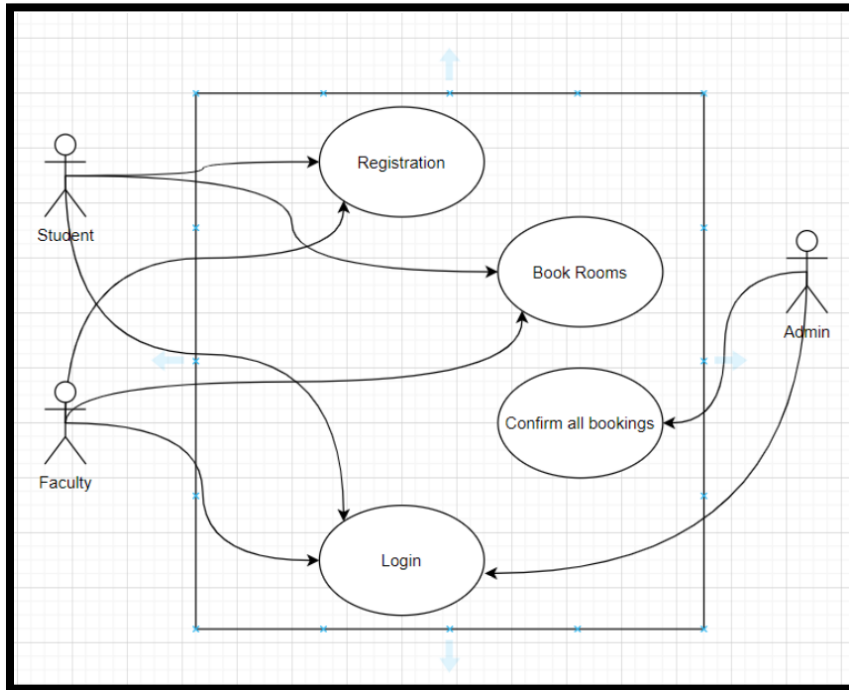
Use Cases



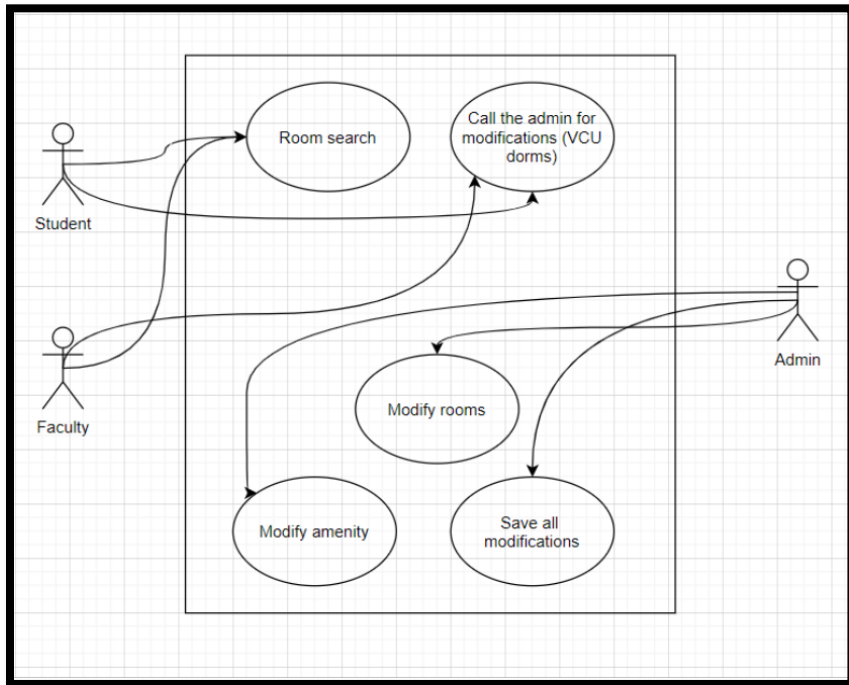
The diagram represents a simple registration system. Where the student/faculty will go to the respective dormitory and register at the reception if there are available rooms for them. The receptionist will then check the room availability and if there's an available room they will go through the process of check-in, if they have specific preference about the room or included amenities they would like to avail and how many days they will be staying.

When it is time to check-out the student/faculty will have to return the key and pay at the reception before leaving.

Iteration #1 Use Case



Iteration #2 Use Case



Software Toolset (features)

We will be using JavaScript for the programming language. Our data sources will be looking into websites of colleges and universities that provide housing. In addition to that, we will also make use of the class lectures. GitHub for the version control. Lastly, React for bug-tracking software.

Project Schedule

Iteration#	Features	Team Member	Points
1	Registration	Nicole	4
1	Log in	Karina	3
1	Book Rooms	Rayyan	3
2	Room Search	Rayyan	4
2	Modify Rooms	Karina	3
2	Modify Amenity	Nicole	3
3	Admin View	Rayyan	3
3	Waitlist Search/View	Nicole	4
3	Sign up/Reservation for waitlist	Karina	3
4	Add, Remove from the list	Nicole	3
4	Payment System	Karina	4
4	Reserve/Deposit	Rayyan	3
5	Room Payment	Karina	5
5	Generate Receipts	Rayyan	3
5	Log out	Nicole	2

Meeting Minutes

Sept. 29, 2020

- Went over the project features – we have about 10 features now, we will go over it again on Friday, Oct 2 to finalize it.
- The project plan is almost complete, just need to finalize on Friday, Oct 2.
- The red text in the file needs to be discussed in the next meeting.
- We finished our project schedule and use case section in the project plan.
- Need to finalize the points for the iteration.

- We already found a few data sources we can use:
 - https://mrbs.sourceforge.io/mrbs/index.php?view=day&view_all=1&page_date=2020-09-27&area=2490&room=6136
 - <https://vancouver.housing.ubc.ca/other-housing/more-campus-housing/>
- **Next meeting will be on Friday, Oct 2, 2020.**

Oct. 2, 2020

- Finalized the project plan. Points systems finalized.
- Decided Rayyan to be team leader.
- Distributed tasks to each member.
- Next meeting agenda: researching dorm buildings/amenities and what they each offer

Oct. 9, 2020

- **What have we done since that last meeting?** We have added 2 more iterations (total of 15 features). We all contributed to the addition to the iterations. Also, added the suggestions by our instructor.
- **What to do before the next meeting?** We are to plan for the wireframes before the next meeting.
- **What am I / are we stuck on that I / we need help it?** We are not stuck on anything yet.
- **Next meeting agenda:** to make the main screen wireframe/s.
- **Next meeting:** Oct. 14, 2020 at 430pm

Oct. 14, 2020

- **What have we done since that last meeting?** Finished the main screen wireframe. Discussed brand names and colors for the screen.
- **What to do before the next meeting?** Start on Iteration #1
- **What am I / are we stuck on that I / we need help it?** We are not stuck on anything yet.
- **Next meeting agenda:** Start on Iteration# 1
- **Next meeting:** Oct. 23, 2020 at 1pm

Oct. 23, 2020

- **What have we done since that last meeting?** Did minor adjustments on the Iterations.
- **What to do before the next meeting?** Finalize the arrangements of Iteration #1.
- **What am I / are we stuck on that I / we need help it?** ***On how we going to arrange the iterations, arrangement of the pages, and how to start on the project.
- **Next meeting agenda:** Start on Iteration #1
- **Next meeting:** Oct. 25 at 1pm

Oct. 25, 2020

- **What have we done since that last meeting?** Started on Iteration #1, did minor adjustments on the Iterations.
- **What to do before the next meeting?** Continue with Iteration #1
- **What am I / are we stuck on that I / we need help it?** ***Gitflow
- **Next meeting agenda:** Continue with Iteration #1 and figure out Gitflow
- **Next meeting:** Oct. 27 at 1pm and Oct. 30 at 1pm

Oct. 27, 2020

- **What have we done since that last meeting?** Figure out Gitflow
- **What to do before the next meeting?** We need to figure out Gitflow
- **What am I / are we stuck on that I / we need help it?** ***Gitflow
- **Next meeting agenda:** Finalize Gitflow
- **Next meeting:** Oct. 30 at 110pm

Oct. 30, 2020

- **What have we done since that last meeting?** Finally figured out Gitflow, had to start from scratch in Github thought and make a new repo.
- **What to do before the next meeting?** Merge iteration #1 code and start on Iteration #2
- **What am I / are we stuck on that I / we need help it?** So far, so good
- **Next meeting agenda:** Iteration #2
- **Next meeting:** Nov. 3, 2020 at 430pm

Nov. 9, 2020

- **What have we done since that last meeting?** We made a new repo for web service, Iteration#2 Modify Rooms is done, WS repo has routes and controllers.
- **What to do before the next meeting?** Iteration#2 still in progress (due on Fri, Nov 13), waiting on Book rooms and Room search.
- **What am I / are we stuck on that I / we need help it?**
- **Next meeting agenda:** Iteration #2 due Nov 13, Friday
- **Next meeting:** Nov. 10, 2020 at 1pm

Nov. 10, 2020

- **What have we done since that last meeting?** Wiki and Project board are starting to fill up. Wiki – complete with images of wireframes and use cases.
- **What to do before the next meeting?** Iteration#2 still in progress (due on Fri, Nov 13), waiting on Book rooms and Room search.
- **What am I / are we stuck on that I / we need help it?** GET and list data on React-App
- **Next meeting agenda:** Iteration #2 due Nov 13, Friday
- **Next meeting:** Nov. 13, 2020, time: TBA