
Design Document

for

Unified Portal for Hall Automation

Version 1.0

Prepared by

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Course: CS253

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Contents

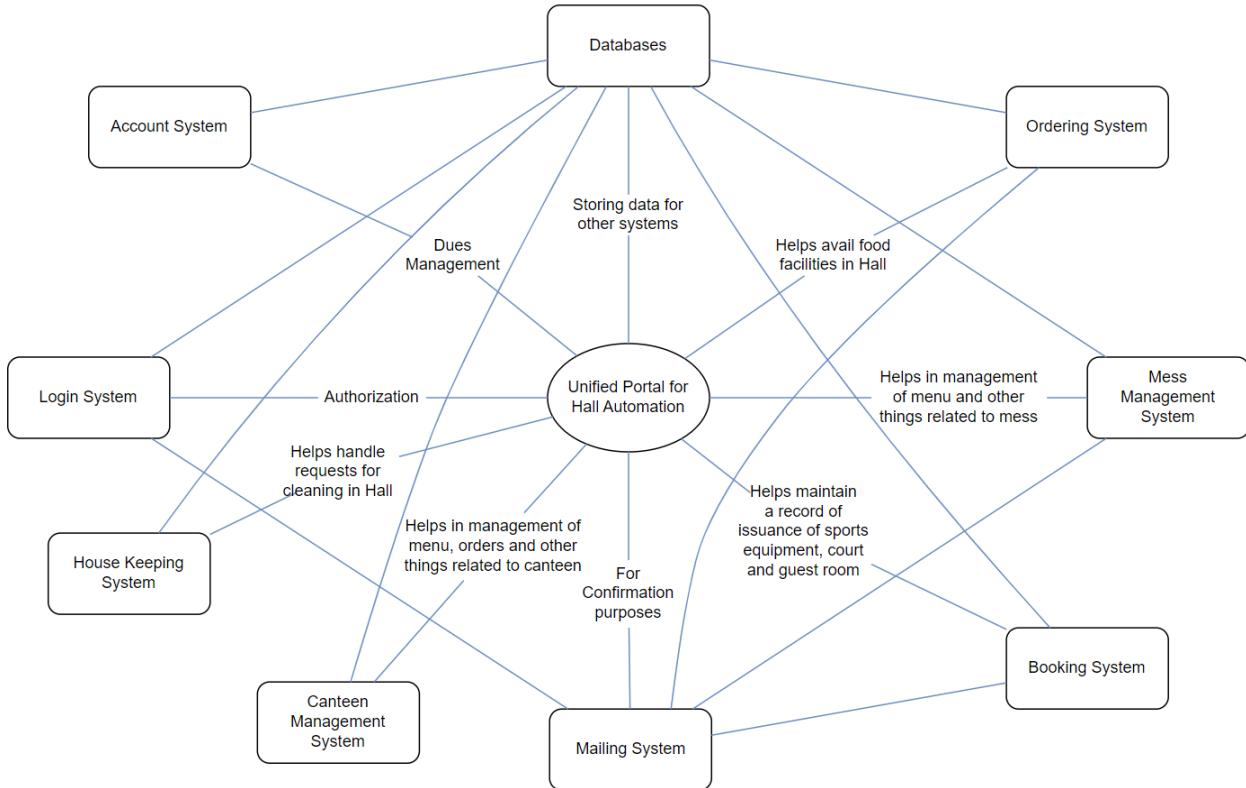
CONTENTS	II
REVISIONS	III
1 CONTEXT DESIGN	1
1.1 CONTEXT MODEL	1
1.2 HUMAN INTERFACE DESIGN	2
2 ARCHITECTURE DESIGN	22
3 OBJECT-ORIENTED DESIGN	24
3.1 USE CASE DIAGRAM	24
3.2 CLASS DIAGRAM	29
3.3 SEQUENCE DIAGRAM	30
3.4 STATE DIAGRAM	34
4 PROJECT PLAN	39
APPENDIX A - GROUP LOG	40

Revisions

Version	Primary Author(s)	Description of Version	Date Completed
1.0	Soham Amit Bharambe Divyansh Divyansh Chhabria Jhalak Sharma Kriti Arora Kumar Harsh Mohan Labajyoti Das Pranjal Singh Rajeev Kumar Sandeep Nitharwal	First version of the document	10/02/23

1 Context Design

1.1 Context Model



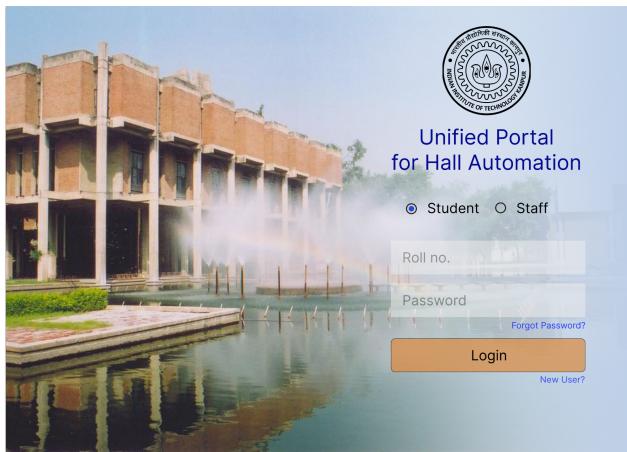
- **Mailing System**: The mailing system will be used for various communication purposes as well as for OTP validation and in times of resetting password.
- **Booking System**: This will be used to book guest rooms and sports courts in the hall as well as to keep a record of the various sports equipment issued in the hall.
- **Mess management System**: This management system will be mainly used for managing the mess menu by the mess manager and handling rebate related issues as well as some other miscellaneous stuff.
- **Ordering System**: This mainly refers to the food booking system for extras in the mess through the mess section as well as order food in the canteen.
- **Database**: This represents the database storing data and information for all related clients.
- **Account system** – The user will be able to see his/her pending payments and the payment history. The users can also pay their dues, whereas the software will update these changes in the DB.

- **Login system** – The user will log into the software, whereas UPHA will receive login requests from numerous users.
- **Housekeeping system** – The user will be able to lodge cleaning requests and confirm them once they are addressed, whereas the software will receive such requests from various users.
- **Canteen Management System** – The users will be able to order and rate various food items in their respective canteens and view menus of other canteens, whereas the software will receive these orders and feedback.

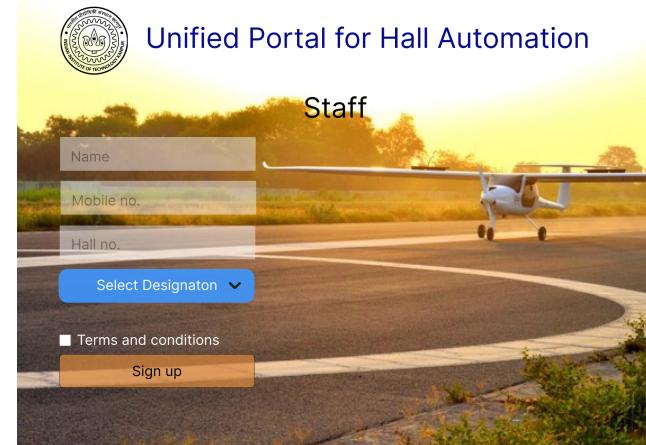
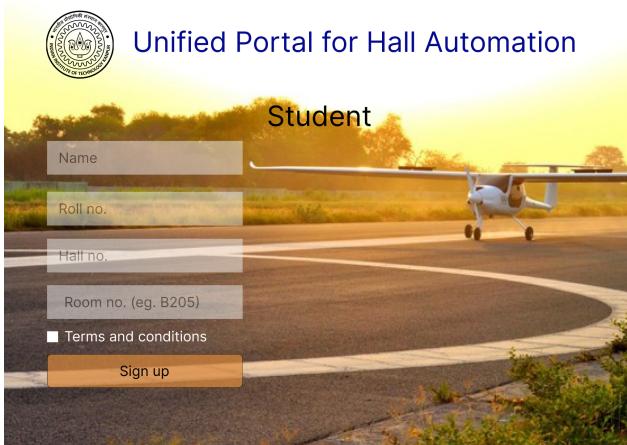
1.2 Human Interface Design

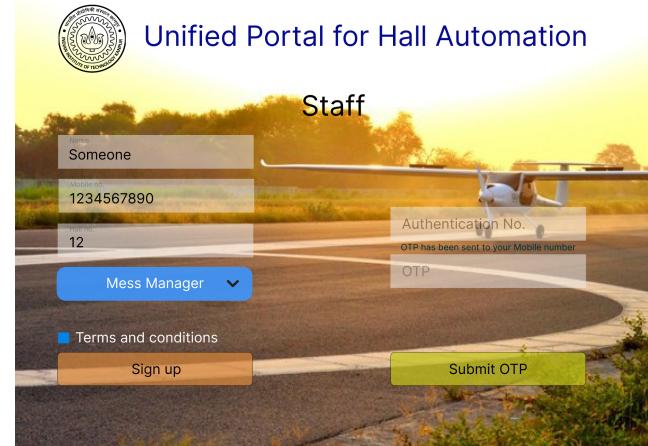
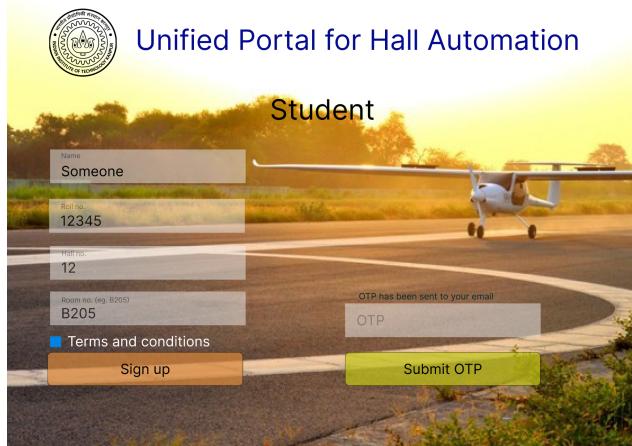
This section contains drafts of the interfaces for each functionality of the software. It can serve as a reference for developers and system designers, as it describes the features of the software in complete detail with the idea of how the screens will look, what options will be visible to the user and how intuitive their use case may seem to the user.

1. Login portal:

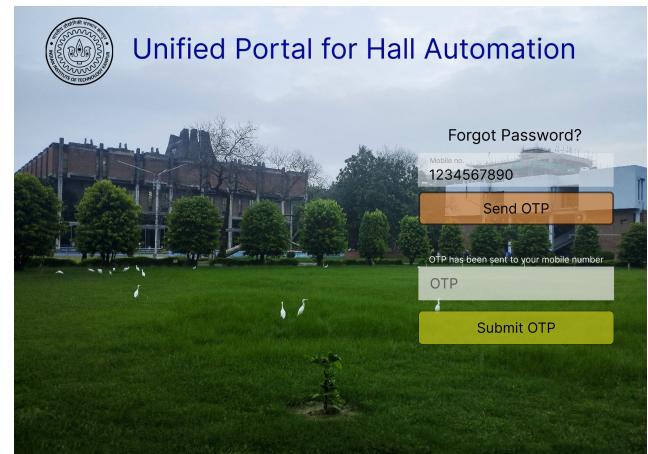
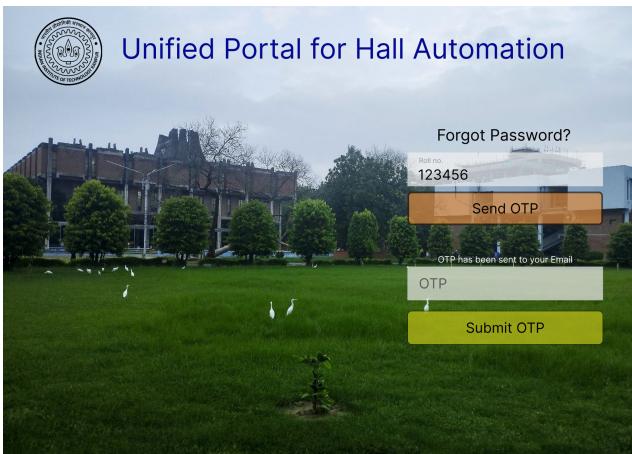


2. Sign up page:

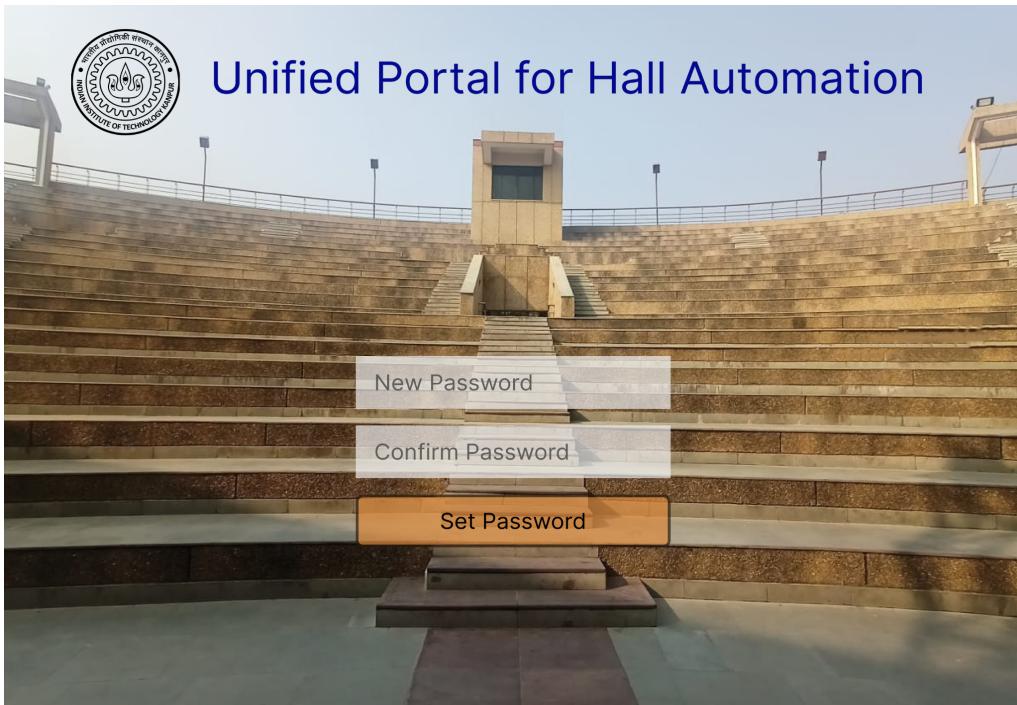




3. Forgot Password



4. Homepage:



The screenshot displays the homepage of the 'Unified Portal For Hall Automation'. At the top left is the IITK logo. The title 'Unified Portal For Hall Automation' is centered above a navigation bar. The navigation bar includes links for Home (blue icon), Mess (fork and knife icon), Canteen (plate icon), Booking (book icon), Cleaning (mop and bucket icon), My Account (wallet icon), and Log Out (power button icon). To the right, a welcome message reads: 'Welcome, Sandeep Nitharwal', 'Roll No : 210921', and 'Hall 2'. Below the navigation bar is a large banner image of a green lawn and building complex. The text 'Welcome to Hall Automation Portal for Hall 2' is centered above a descriptive paragraph: 'This Portal is designed for the automation of various Hall services. Through this portal, you can book your mess extras, order your canteen food, request room cleaning, book various Hall facilities, and many more.' At the bottom left, contact information is provided: 'Hall II, Indian Institute of Technology, Kalyanpur, Kanpur.', 'Phone: 0512 259 4195', and 'Email: hall2@iitk.ac.in'. At the bottom right, there is a note: '*In case of any technical issue Email at, Email: helpuphaar@iitk.ac.in'. The footer contains the copyright symbol and the text 'Unified Portal For Hall Automation'.

5. Canteen Student - Place Order

Welcome, Rajeev Kumar
Roll No : 210815
Hall 2

Place Order

- Home
- Mess
- Canteen**
- Booking
- Cleaning
- My Account
- Log Out

Menu

Item No.	Item	Rate (in Rs.)	Rating	Quantity	Add Item to Cart
1	Chowmein	32	★★★★★	1	Add Item to Cart
2	Macroni	35	★★★★★	1	Add Item to Cart
3	Normal Maggi	27	★★★★★	1	Add Item to Cart

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6. Canteen Student - Cart

Welcome, Rajeev Kumar
Roll No : 210815
Hall 2

Cart

- Home
- Mess
- Canteen**
- Booking
- Cleaning
- My Account
- Log Out

Cart

Item No.	Item	Rate (in Rs.)	Rating	Quantity	Amount (in Rs.)
1	Chowmein	32	★★★★★	1	32
2	Macroni	35	★★★★★	1	35
3	Normal Maggi	27	★★★★★	1	27

Total Amount (in Rs.): 94

Confirm Order

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7. Canteen Student - Pending Order

Welcome, Rajeev Kumar
Roll No : 210815
Hall 2

Pending Order

Order No.	Item	Rate (in Rs.)	Rating	Quantity	Amount (in Rs.)
69	Chowmein	32	★★★★★	1	32
70	Macroni	35	★★★★★	1	35
71	Normal Maggi	27	★★★★★	1	27

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8. Canteen Student - Order History

Welcome, Rajeev Kumar
Roll No : 210815
Hall 2

Order History

Date	Order No.	Item	Rate (in Rs.)	Rating	Quantity	Amount (in Rs.)
30/02/2023	69	Chowmein	32	★★★★★	1	32
30/02/2023	70	Macroni	35	★★★★★	1	35
30/02/2023	71	Normal Maggi	27	★★★★★	1	27

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9. Canteen Student - Other Hall Canteen

Welcome, Rajeev Kumar
Roll No : 210815
Hall 2

Unified Portal For Hall Automation

Home Mess Canteen Booking Cleaning My Account Log Out

Place Order Cart Pending Order Order History Other Hall Canteen

Other Hall Canteen Choose Hall No. 2 ▾

Item No.	Item	Rate (in Rs.)	Rating
1	Chowmein	32	★★★★★
2	Macroni	35	★★★★★
3	Normal Maggi	27	★★★★★

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10. Canteen Owner - Pending Orders

Welcome, Divyansh Chhabria
Canteen Owner
Hall 2

Unified Portal For Hall Automation

Home Mess Canteen Booking Cleaning My Account Log Out

Pending Orders New Orders Search by Student Modification Student Bill Current Menu

Pending Orders

Order No.	Roll No.	Item	Quantity	Amount	Served?	Payment Done?
51	210815	Chowmein	1	Rs.32	✓	✓
51	210355	Veg Kabab	1	Rs.35	✓	✓
51	210921	Bhelpuri	1	Rs.35	✓	✓

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11. Canteen Owner - New Orders

Welcome, Divyansh Chhabria
Canteen Owner
Hall 2

Unified Portal
For Hall Automation

Home Mess Canteen Booking Cleaning My Account Log Out

Pending Orders

New Orders

Search by Student

Modification

Student Bill

Current Menu

S. No.	Roll No.	Item	Quantity	Amount	Accept/Reject Order
1	210356	Maggi	1	Rs.27	
2	210264	Masala Dosa	2	Rs.25	
3	210474	Sweet Corn Soup	1	Rs.25	

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12. Canteen Owner - Search by Student

Welcome, Divyansh Chhabria
Canteen Owner
Hall 2

Unified Portal
For Hall Automation

Home Mess Canteen Booking Cleaning My Account Log Out

Pending Orders

New Orders

Search by Student

Modification

Student Bill

Current Menu

Search Student 210815

Order No.	Roll No.	Item	Quantity	Amount	Served?	Payment Done?
51	210815	Chowmein	1	Rs.32		

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13. Canteen Owner - Modification

The screenshot shows the 'Unified Portal For Hall Automation' interface for a Canteen Owner. The top right corner displays a welcome message: 'Welcome, Divyansh Chhabria' and 'Canteen Owner Hall 2'. The top navigation bar includes icons for Home, Mess, Canteen, Booking, Cleaning, My Account, and Log Out. On the left, a sidebar menu lists Pending Orders, New Orders, Search by Student, Modification (which is highlighted in blue), Student Bill, and Current Menu. The main content area is titled 'Modify/Update Menu' and contains three tables, each with columns for Item No., Item, Price, Modify, and Delete. The first table shows Tomato Soup at Rs.27, the second shows Veg Soup at Rs.30, and the third shows Hot n Sour at Rs.30.

Item No.	Item	Price	Modify	Delete
1	Tomato Soup	Rs.27		
2	Veg Soup	Rs.30		
3	Hot n Sour	Rs.30		

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14. Canteen Owner - Student Bill

The screenshot shows the 'Unified Portal For Hall Automation' interface for a Canteen Owner. The top right corner displays a welcome message: 'Welcome, Divyansh Chhabria' and 'Canteen Owner Hall 2'. The top navigation bar includes icons for Home, Mess, Canteen, Booking, Cleaning, My Account, and Log Out. On the left, a sidebar menu lists Pending Orders, New Orders, Search by Student, Modification, Student Bill (which is highlighted in blue), and Current Menu. The main content area is titled 'Students' Pending Bills' and displays three rows of pending bills, each with Roll No., Name, and Amount Pending.

Roll No.	Name	Amount Pending
210005	Aristotle	Rs.247
210162	Benjamin	Rs.574
210235	Darwin	Rs.861

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15. Canteen Owner - Current Menu

Welcome, Divyansh Chhabria
Canteen Owner
Hall 2

Item No.	Item	Price	Rating
1	Maggi	Rs.27	★★★★★
2	Masala Maggi	Rs.29	★★★★★
3	Special Maggi	Rs.32	★★★★★
4	Macroni	Rs.35	★★★★★

16. Mess Student - Regular Menu

Welcome, Sandeep Nitharwal
Roll No : 210921
Hall 2

Day	Meal	Item	Calories	Rating	Feedback
Monday	Breakfast	Sandwich	250 cal.	★★★★★	Your feedback
Day	Meal	Item	Calories	Rating	Feedback
Monday	Lunch	Aloo kulcha	900 cal.	★★★★★	Your feedback
Day	Meal	Item	Calories	Rating	Feedback
Monday	Dinner	Veg Biryani	800 cal.	★★★★★	Your feedback

View overall menu

17. Mess Student - Extras Menu

The screenshot shows the Unified Portal For Hall Automation interface. At the top, there is a header with the portal's logo and name, followed by a welcome message for the user: "Welcome, Sandeep Nitharwal" and "Roll No : 210921 Hall 2". Below the header is a navigation bar with icons for Home, Mess, Canteen, Booking, Cleaning, My Account, and Log Out. On the left side, there is a sidebar with three buttons: "Regular Menu", "Extras Menu" (which is highlighted in blue), and "Apply for Rebate". The main content area is titled "Menu" and displays a table of items with columns for Item no., Item, Status, Quantity, Rate, Rating, and Feedback. The items listed are:

Item no.	Item	Status	Quantity	Rate	Rating	Feedback
1.	XYZ_1	Book	-	Rs.27	★★★★★	Your feedback..
2.	XYZ_2	Pending	1	Rs.50	★★★★★	Your feedback..
3.	XYZ_3	Rejected	1	Rs.30	★★★★★	Your feedback..
4.	XYZ_4	Accepted	2	Rs.15	★★★★★	Your feedback..

At the bottom of the main content area, there is a button labeled "Order Recieved: OK". The footer of the page contains the copyright notice "© Unified Portal For Hall Automation".

18. Mess Student - Apply for rebate

The screenshot shows the Unified Portal For Hall Automation interface. At the top, there is a header with the portal's logo and name, followed by a welcome message for the user: "Welcome, Sandeep Nitharwal" and "Roll No : 210921 Hall 2". Below the header is a navigation bar with icons for Home, Mess, Canteen, Booking, Cleaning, My Account, and Log Out. On the left side, there is a sidebar with three buttons: "Regular Menu", "Extras Menu", and "Apply for Rebate" (which is highlighted in blue). The main content area is titled "Rebate" and contains two input fields: "From:" and "To:", each with a date placeholder "DD/MM/YYYY". Below these fields are two buttons: "Apply" (green) and "Cancel" (red). The footer of the page contains the copyright notice "© Unified Portal For Hall Automation".

19. Mess Manager- Modify Menu

The screenshot shows the 'Unified Portal For Hall Automation' interface. At the top right, it says 'Welcome, Kriti' and 'Mess Manager Hall 6'. The navigation bar includes icons for Home, Mess (highlighted in blue), Canteen, Booking, Cleaning, My Account, and Log Out.

The main content area is titled 'Modify/Update Menu'. It displays a table with the following data:

Day	Meal	Menu	Calories	Modify	Delete
Monday	Breakfast	Burger Milk	295 calories 42 calories		
Day	Meal	Menu	Calories	Modify	Delete
Monday	Lunch	Aloo Kulcha Butter Chicken	221 calories 243 calories		
Day	Meal	Menu	Calories	Modify	Delete
Monday	Dinner	Veg Biryani Paneer Paratha	241 calories 230calories		
Day	Meal	Menu	Calories	Modify	Delete
Tuesday	Breakfast	Masala Dosa	387 calories		

At the bottom left of the content area, there is a link '© Unified Portal For Hall Automation'.

20. Mess Manager- Extra Items

The screenshot shows the 'Unified Portal For Hall Automation' interface. At the top right, it says 'Welcome, Kriti' and 'Mess Manager Hall 6'. The navigation bar includes icons for Home, Mess (highlighted in blue), Canteen, Booking, Cleaning, My Account, and Log Out.

The main content area is titled 'Modify/Update Extra Items'. It displays a table with the following data:

Meal	Item	Maximum Capacity	Price	Start Time	End time	Modify	Delete
Lunch	Fish Cutlet	50	Rs.27	12:00	13:00		
Meal	Item	Maximum Capacity	Price	Start Time	End time	Modify	Delete
Lunch	Bhel Puri	40	Rs.10	12:00	12:45		

At the bottom right of the content area, there is a button 'Add New Item'.

At the bottom left of the content area, there is a link '© Unified Portal For Hall Automation'.

21. Mess Manager- View Orders

Welcome, Kriti
Mess Manager
Hall 6

Home Mess Canteen Booking Cleaning My Account Log Out

View Orders

Item	No. of orders
Paneer Roll	25
Butter Chicken	10

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22. Mess Manager- View Feedback

Welcome, Kriti
Mess Manager
Hall 6

Home Mess Canteen Booking Cleaning My Account Log Out

View Feedback/Ratings

Roll No.	Name	Date	Meals	Rating	Feedback
210005	Aristotle	21/01/2023	Lunch	★★★★★	Happy with food quality

Roll No.	Name	Date	Meals	Rating	Feedback
210264	Benjamin	21/01/2023	Lunch	★★★★★	The food tastes great

Roll No.	Name	Date	Meals	Rating	Feedback
210474	Darwin	21/01/2023	Dinner	★★★★★	Dinner was very nice

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23. Mess Manager - Rebate Requests

The screenshot shows the Unified Portal For Hall Automation interface. At the top right, it says "Welcome, Kriti Mess Manager Hall 6". The navigation bar includes icons for Home, Mess, Canteen, Booking, Cleaning, My Account, and Log Out. On the left, a sidebar lists "Modify Menu", "Extra Items", "View Orders", "View Feedback", "Rebate Requests" (which is highlighted in blue), and "Students' Bills". The main content area displays a table titled "Rebate Requests" with three rows of data. Each row contains Roll No., Name, Starting date, Ending date, No of days, and two buttons for Approve/Reject Request (green checkmark and red X).

Roll No.	Name	Starting date	Ending date	No of days	Approve/Reject Request
210356	Aristotle	10/01/2023	20/01/2023	10	
210264	Benjamin	11/01/2023	16/01/2023	5	
210474	Darwin	13/01/2023	25/01/2023	12	

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24. Mess Manager - Student Bill

The screenshot shows the Unified Portal For Hall Automation interface. At the top right, it says "Welcome, Kriti Mess Manager Hall 6". The navigation bar includes icons for Home, Mess, Canteen, Booking, Cleaning, My Account, and Log Out. On the left, a sidebar lists "Modify Menu", "Extra Items", "View Orders", "View Feedback", "Rebate Requests", and "Students' Bills" (highlighted in blue). The main content area displays a table titled "Students' Pending Bills" with three rows of data. Each row contains Roll No., Name, Month, BDMR, Basic Amount, Extra Messing, Rebate, and Dues.

Roll No.	Name	Month	BDMR	Basic Amount	Extra Messing	Rebate	Dues
210005	Aristotle	June	80	2400	250	0	2650
210264	Benjamin	June	80	2400	100	500	2000
210474	Darwin	June	80	2400	480	200	2680

[Modify BDMR](#)

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25. Cleaning section - Lodge Request

Welcome, Sandeep Nitharwal
Roll No : 210921
Hall 2

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Home Mess Canteen Booking Cleaning My Account Log Out

Lodge Request

Your Room : xxxx

What to Clean : Room Toilet Corridor Other (Enter in comments)

Comments :

Phone Number : [REDACTED]

Preferred time : [REDACTED] Submit

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26. Cleaning section - Pending Requests

Welcome, Sandeep Nitharwal
Roll No : 210921
Hall 2

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Home Mess Canteen Booking Cleaning My Account Log Out

Lodge Request

Pending requests

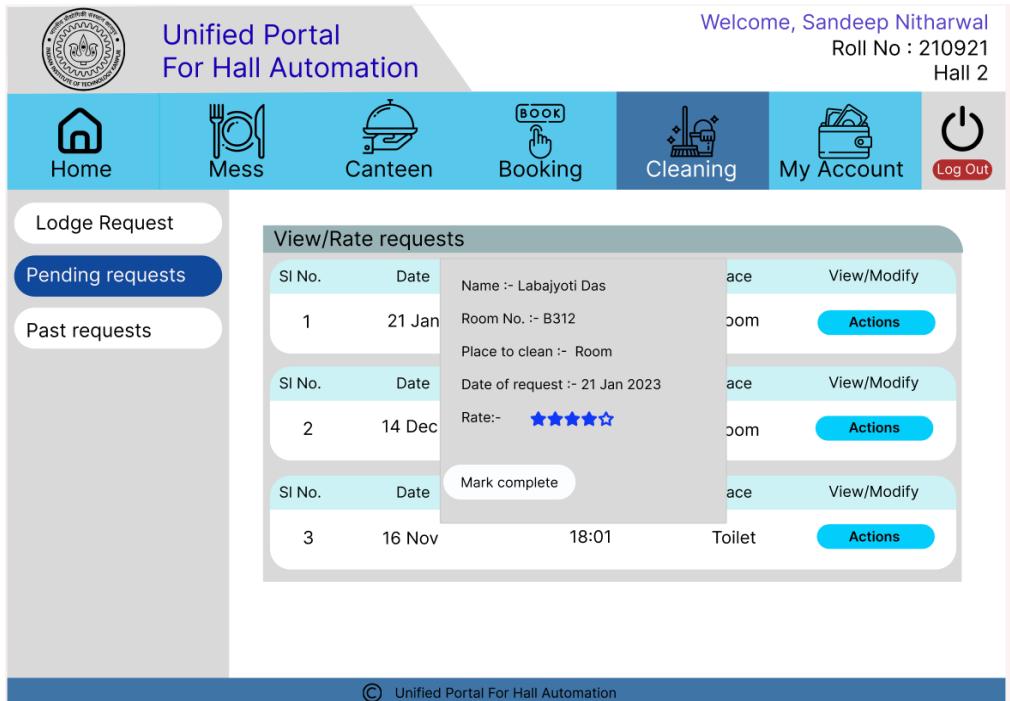
Past requests

View/Rate requests

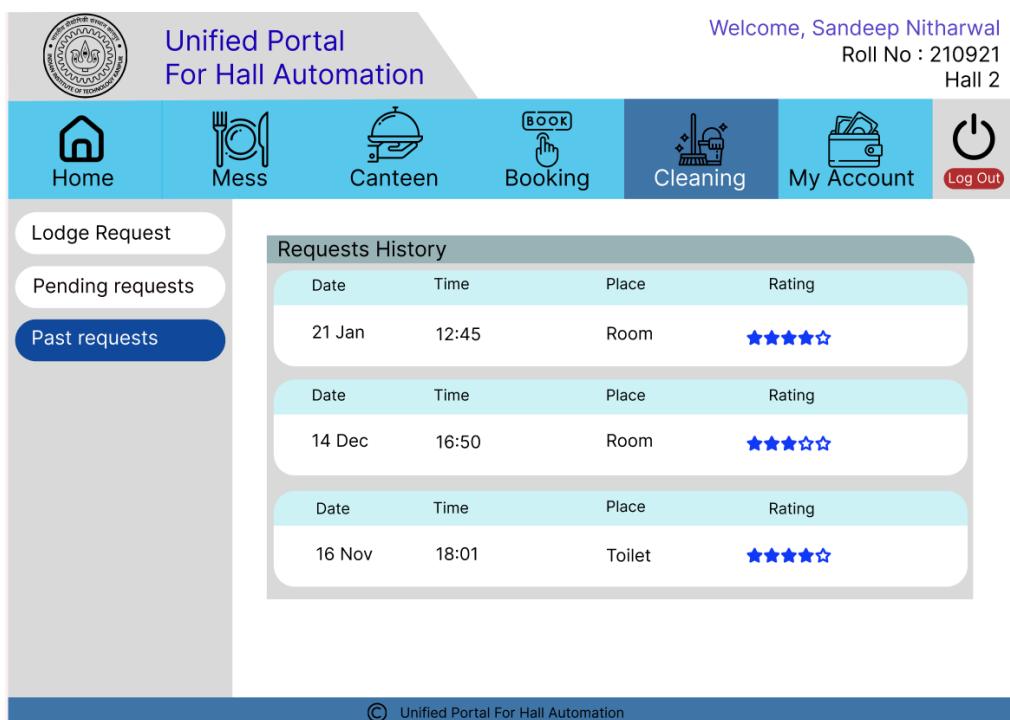
SI No.	Date	Time	Place	View/Modify
1	21 Jan	12:45	Room	Actions
2	14 Dec	16:50	Room	Actions
3	16 Nov	18:01	Toilet	Actions

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(continued)



27. Cleaning section - Past Requests



28. Cleaning section - Hall manager

Cleaning Requests

Roll No.	Name	Room No.	Requested area	Status
210212	Harsh Mohan	F-213	Bathroom	Done ✓
211143	Rohit Pandya	F-264	Room	Pending ✗
210523	Virat Sharma	E-109	Room	Done ✓
210139	Sachin Gill	D-201	TT Room	Pending ✗

29. Booking - Guest Room

Guest Room

Check in Date DD/MM/YY	→	Check out Date DD/MM/YY
Room 1 Book		Room 2 Not Available
Room 3 Book		Room 4 Book

Facilities :-

- Double Bed Room
- Attached Bathroom
- AC

Price per Night :-

₹300/- One person
₹400/- Two person

30. Booking - Guest Room - Hall Manager

Welcome, Harsh Mohan
Hall Manager
Hall 12

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For Hall Automation**

Home Mess Canteen Booking Cleaning My Account Log Out

Bookings

Roll No.	Name	Booking	Booking From	Booking Till	Status
210312	Harsh Mohan	Room 1	10/02/23	14/02/23	Pending
210912	Suryakumar	Room 3	10/02/23	11/02/23	Accepted
211112	Yuzvendra	Room 2	9/02/23	19/02/23	Rejected

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31. Booking - Sports Equipment

Welcome, Harsh Mohan
Roll No : 210543
Hall 12

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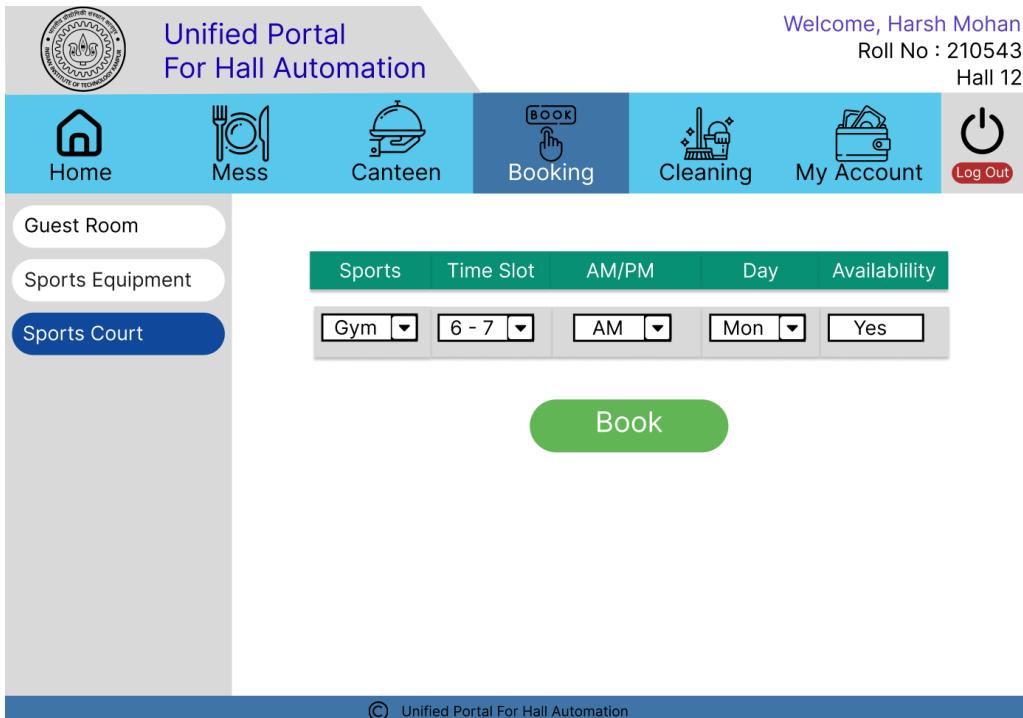
Home Mess Canteen Booking Cleaning My Account Log Out

Sports Equipment

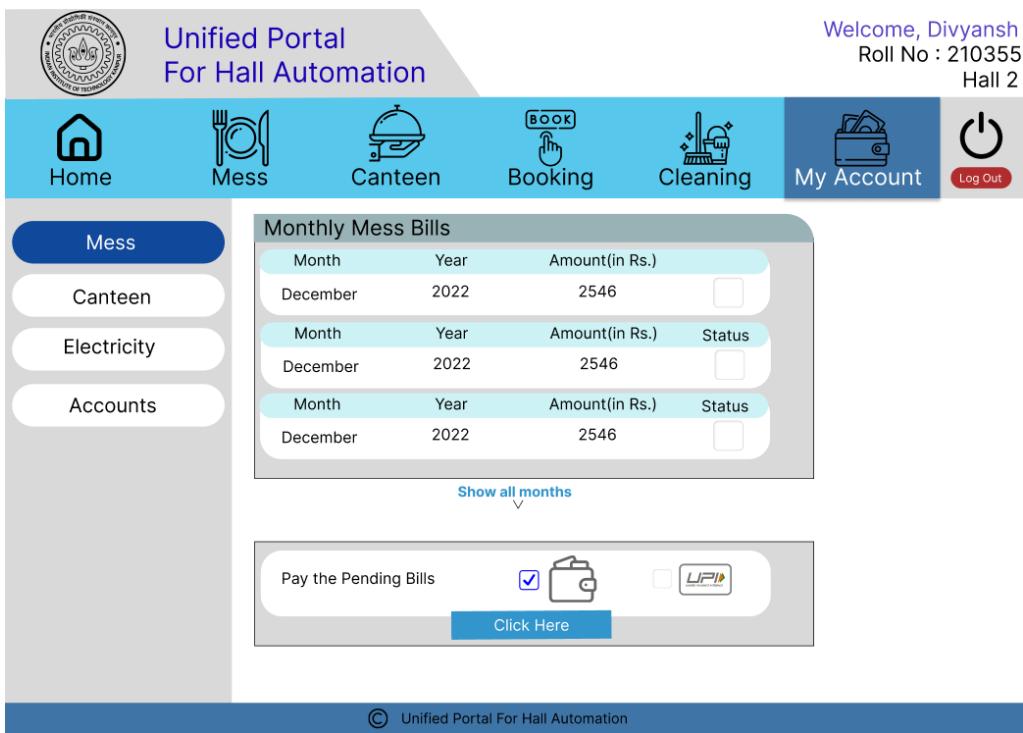
Equipment	Issued to	Your Issues	Quantity	Book
Cricket Bat	View List		5	
Football	View List		4	
Basketball	View List		6	
TT Raquet	View List		8	

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32. Booking - Sports Court



33. My Account-Mess



34. My Account-Canteen

Welcome, Divyansh
Roll No : 210355
Hall 2

Unified Portal For Hall Automation

Home Mess Canteen Booking Cleaning My Account Log Out

Mess Canteen Electricity Accounts

Monthly Canteen Bills

Month	Year	Amount(in Rs.)	Status
December	2022	2546	<input type="checkbox"/>
Month	Year	Amount(in Rs.)	Status
December	2022	2546	<input type="checkbox"/>
Month	Year	Amount(in Rs.)	Status
December	2022	2546	<input checked="" type="checkbox"/>

Pay the Pending Bills

Click Here

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35. My Account-Electricity

Welcome, Divyansh
Roll No : 210355
Hall 2

Unified Portal For Hall Automation

Home Mess Canteen Booking Cleaning My Account Log Out

Mess Canteen Electricity Accounts

Monthly Electricity Bills

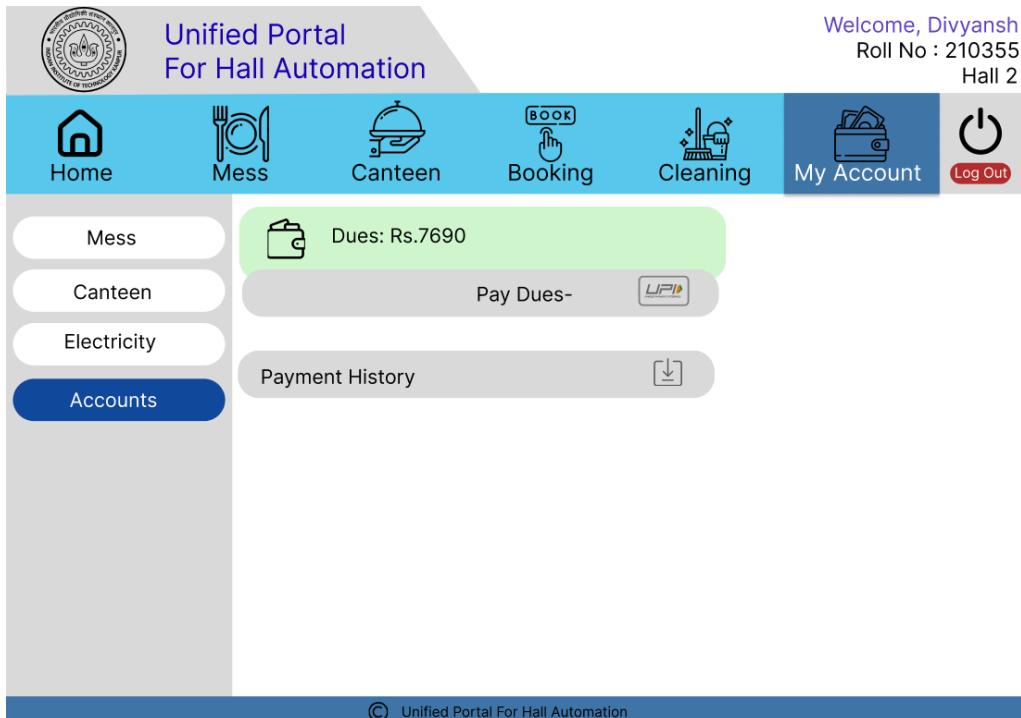
Month	Year	Amount(in Rs.)	Status
December	2022	2546	<input type="checkbox"/>
Month	Year	Amount(in Rs.)	Status
December	2022	2546	<input type="checkbox"/>
Month	Year	Amount(in Rs.)	Status
December	2022	2546	<input checked="" type="checkbox"/>

Pay the Pending Bills

Click Here

© Unified Portal For Hall Automation

36. My Account-Accounts

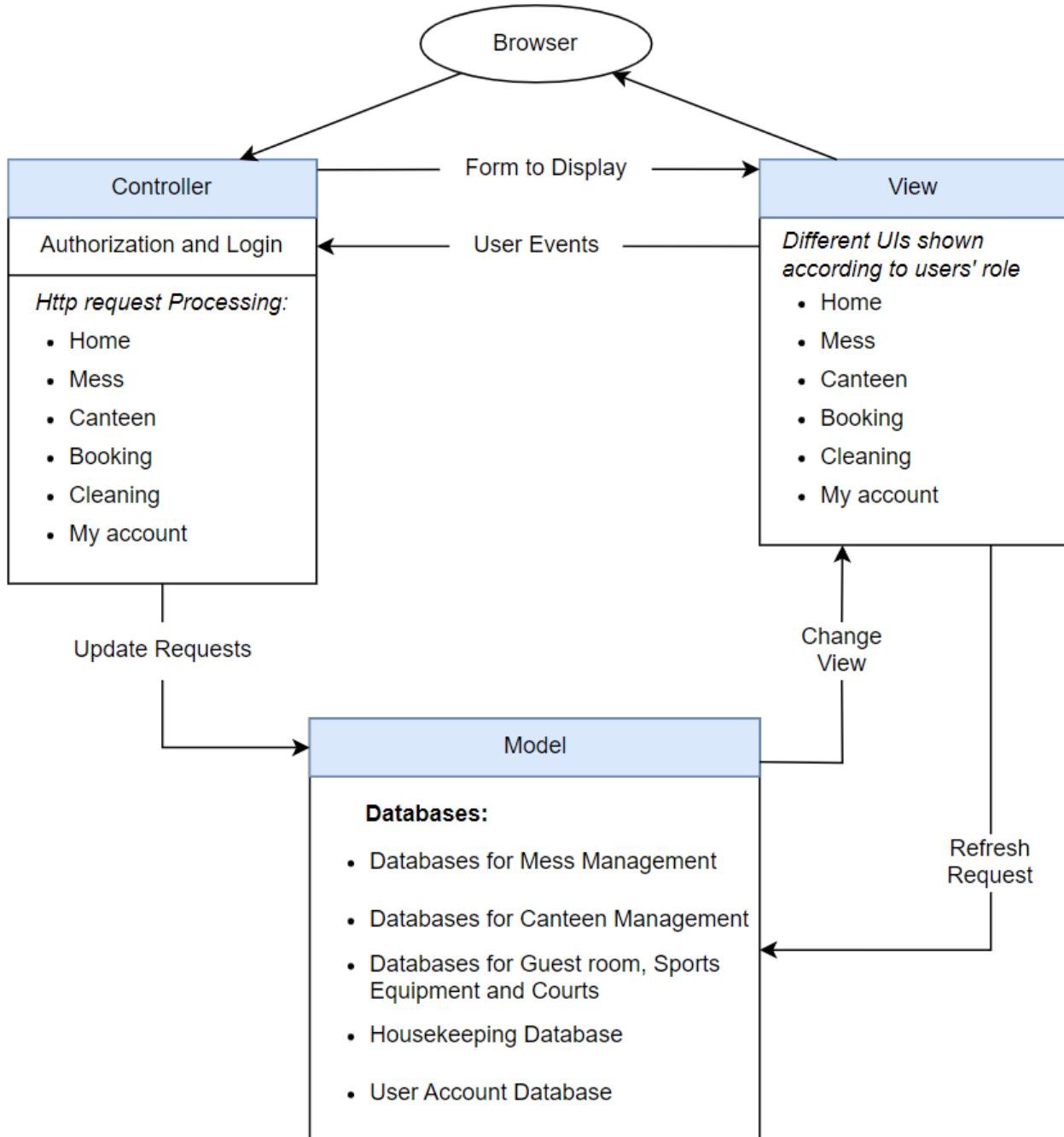


37. Student Dues - Hall Manager

Bill List							
Search... <input type="text"/>							
Roll No.	Name	Canteen Bill	Mess Bill	Electricity bill	Fine	Total	Modify
210212	Harsh Mohan	980	9670	2678	200	13528	<input type="button" value="Edit"/>
210212	Harsh Mohan	980	9670	2678	200	13528	<input type="button" value="Edit"/>
210212	Harsh Mohan	980	9670	2678	200	13528	<input type="button" value="Edit"/>
210212	Harsh Mohan	980	9670	2678	200	13528	<input type="button" value="Edit"/>

2 Architecture Design

Model-View-Controller Pattern



Many web applications use the mentioned architecture pattern. The architecture pattern of our software also corresponds to the Model-View-Controller Pattern.

Model:

- Many databases are to be made for our software. Broadly divided into
- Databases for Mess Management
- Databases for Canteen Management
- Databases for Guest rooms, Sports Equipment, and Courts
- Housekeeping Database
- User Account Database

Controller:

The Main Parts of the Controller will be

- Authorization
- HTTP Requests

Authorization: Contains Sign up, forgot password, and Log in.

HTTP Requests: They will be passed and evaluated based on the current state of the software.

Broadly divided into

- Home
- Mess
- Canteen
- Booking
- Cleaning
- My account

View:

According to their identity, the user will see different views. Broadly divided into

- Home
- Mess
- Canteen
- Booking
- Cleaning
- My account

Links between Model, View, and Controller are as follows:

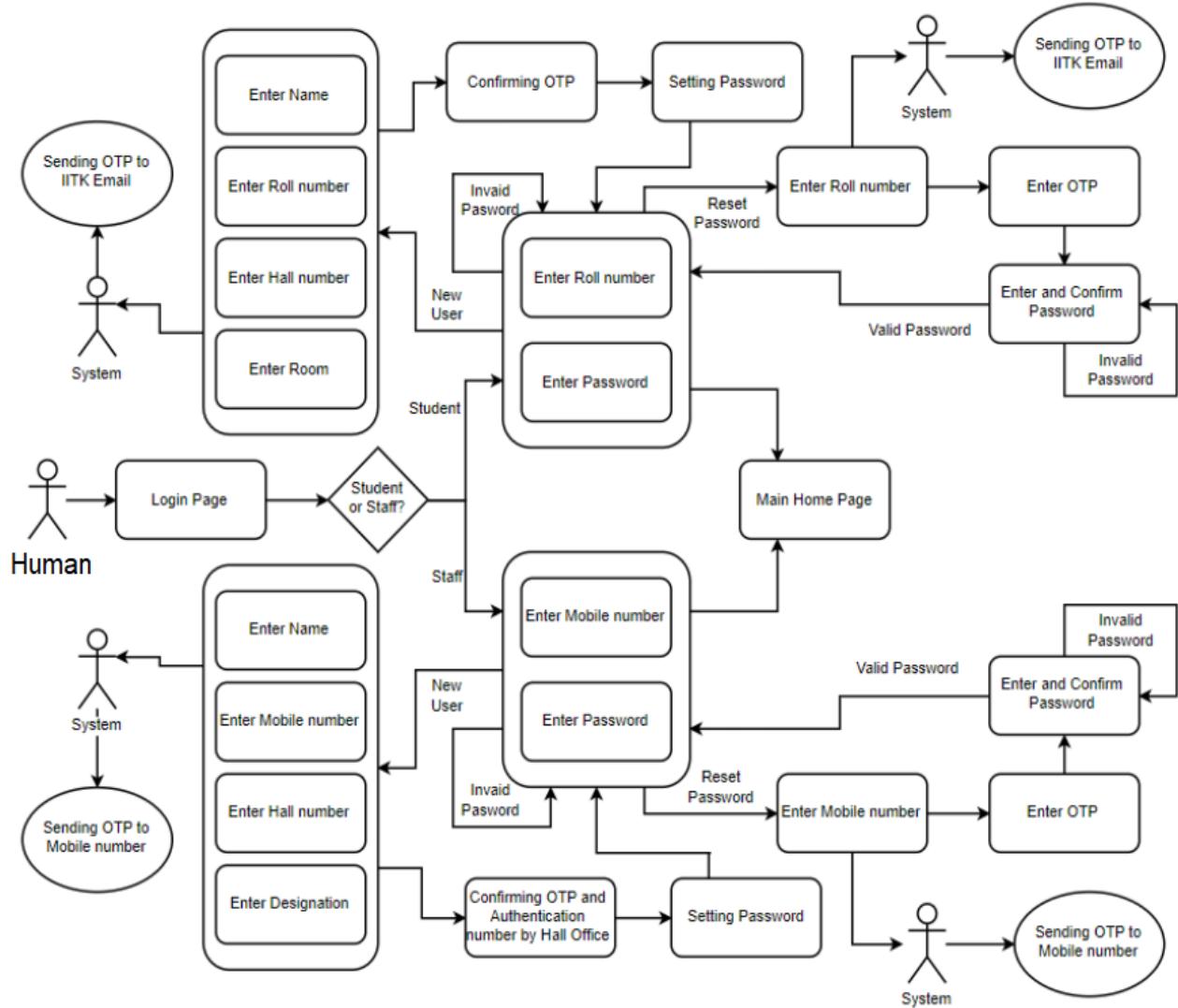
- The Controller will authorize based on data stored in the model and will also help communicate updates in the model issued by the staff.
- Views will be communicating with Controller and Models to accommodate the requests sent by the user.

3 Object Oriented Design

3.1 Use Case Diagrams

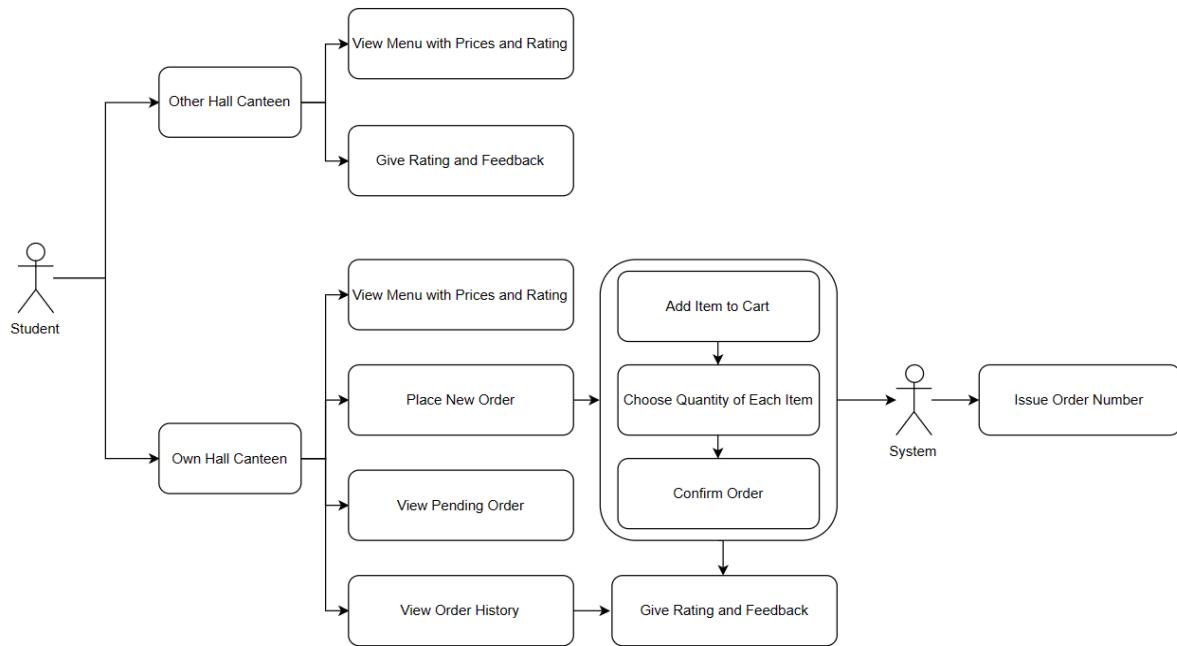
1. Use case #1: Authentication

To authenticate valid users.



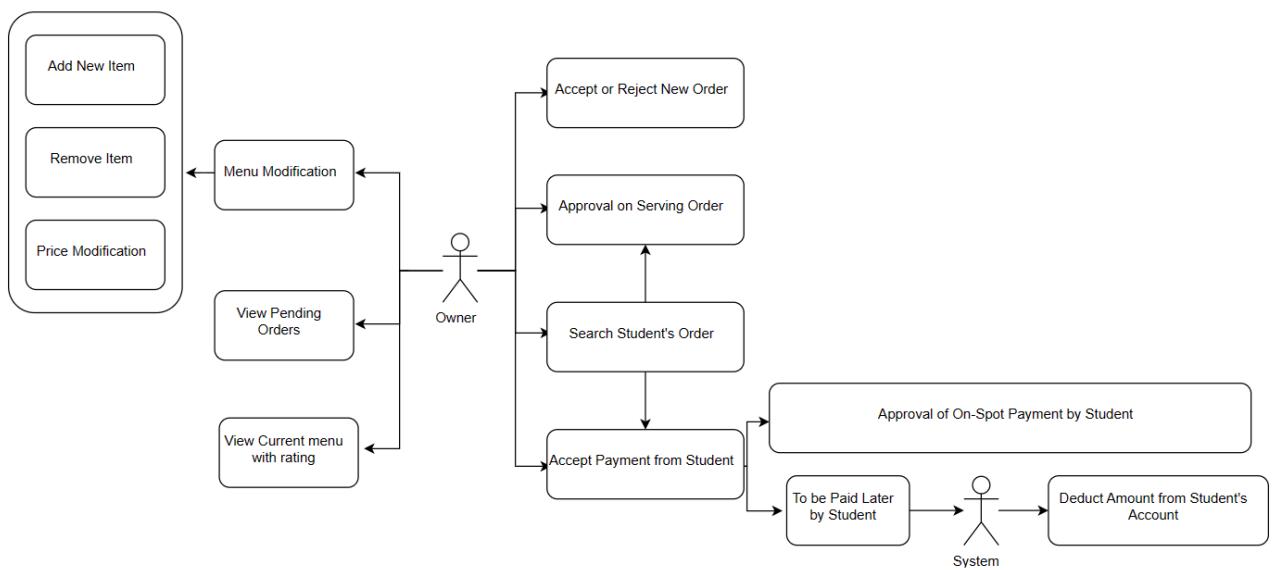
2. Use case #2: Canteen User- Student

For students to view the canteen menu and place orders



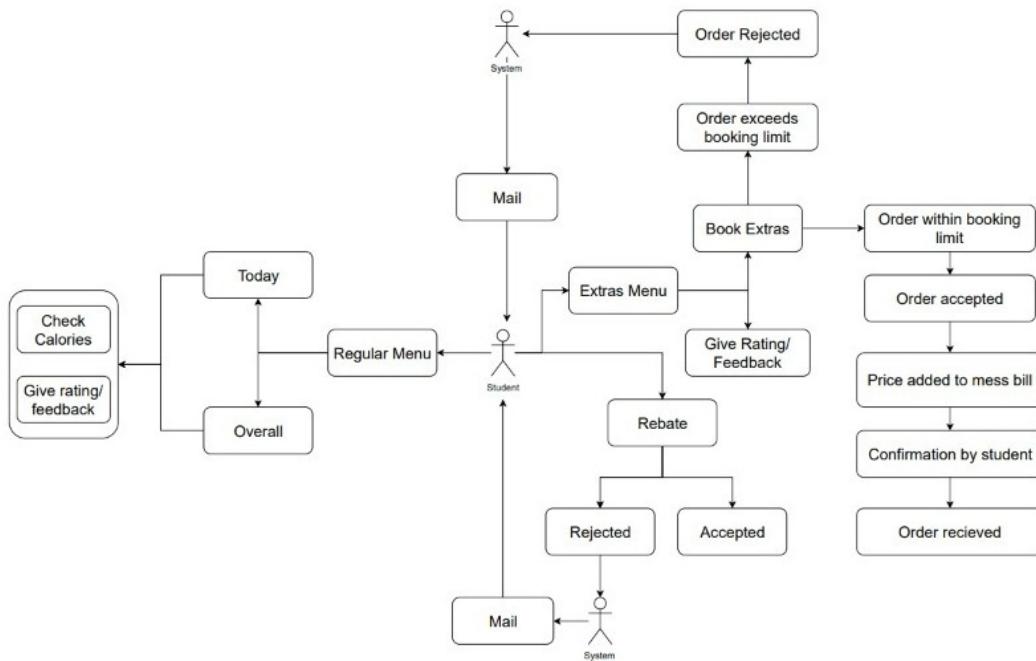
3. Use Case #3: Canteen Owner

Interface between the portal and the canteen



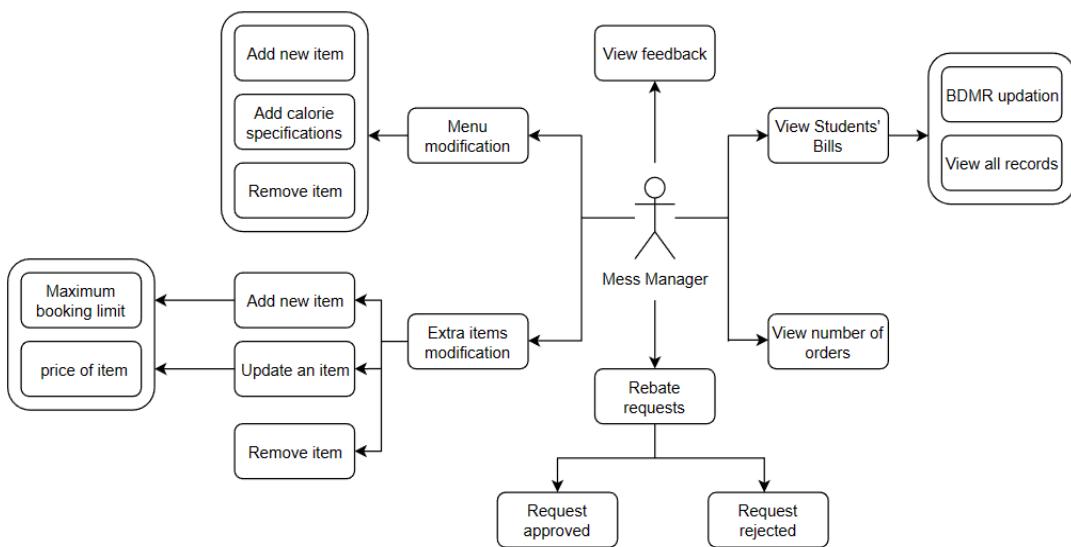
4. Use Case #4: Mess User- Student

To order extras in the mess and review meals.



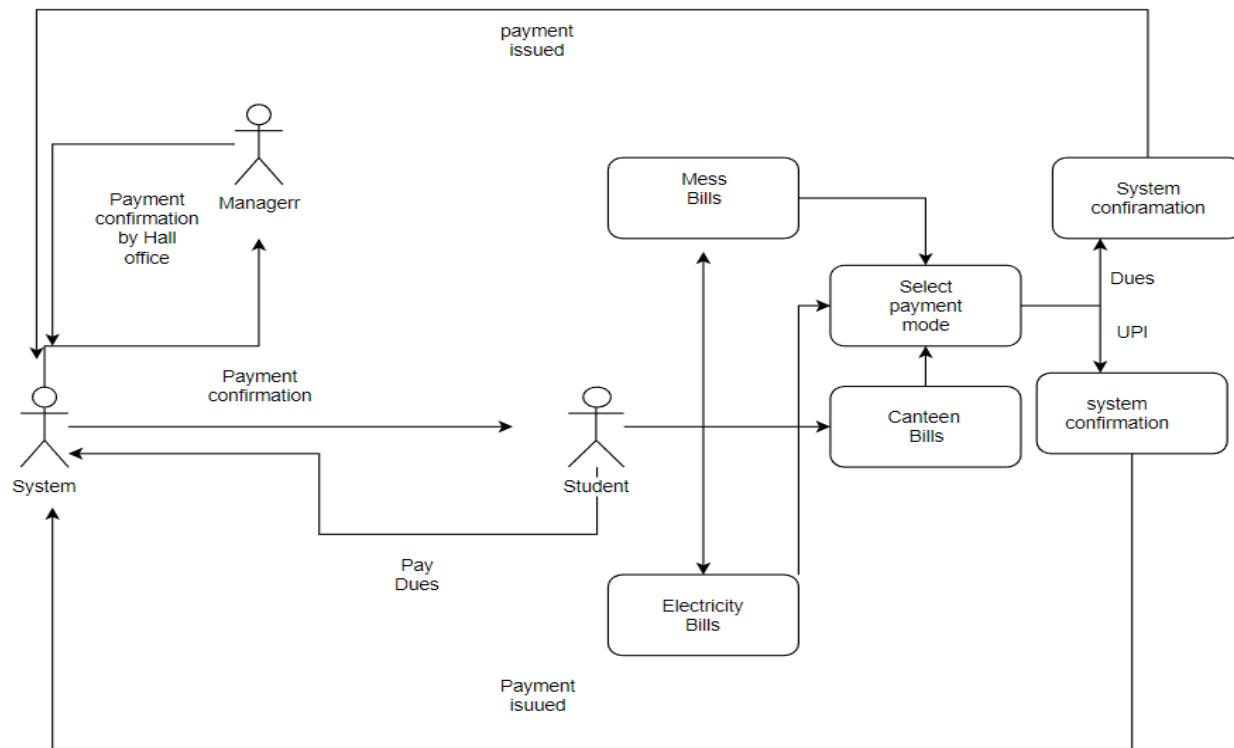
5. Use Case #5: Mess Manager

To approve/reject rebate requests, view feedback, view bills and change the menu.



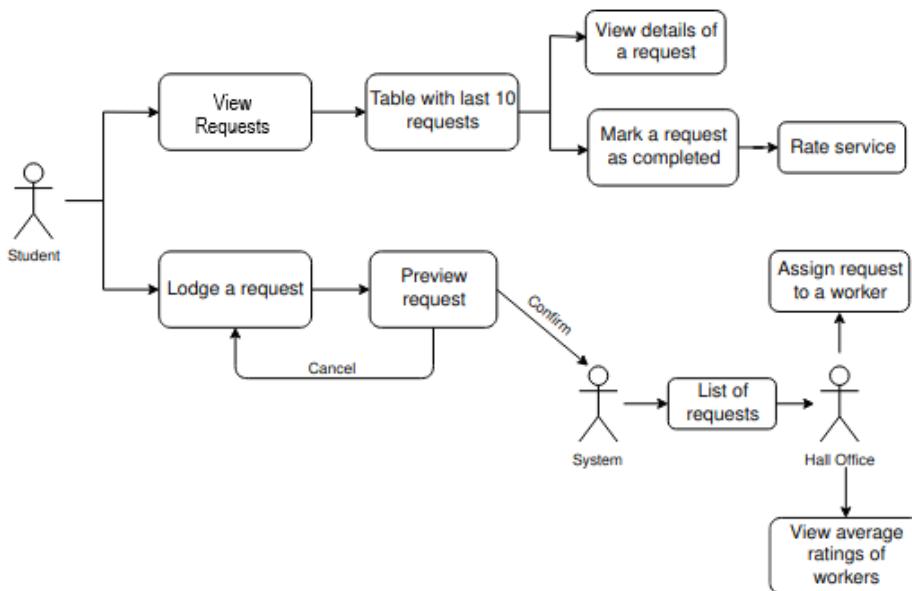
6. Use Case #6: Account and Billings

To view dues and make payments.



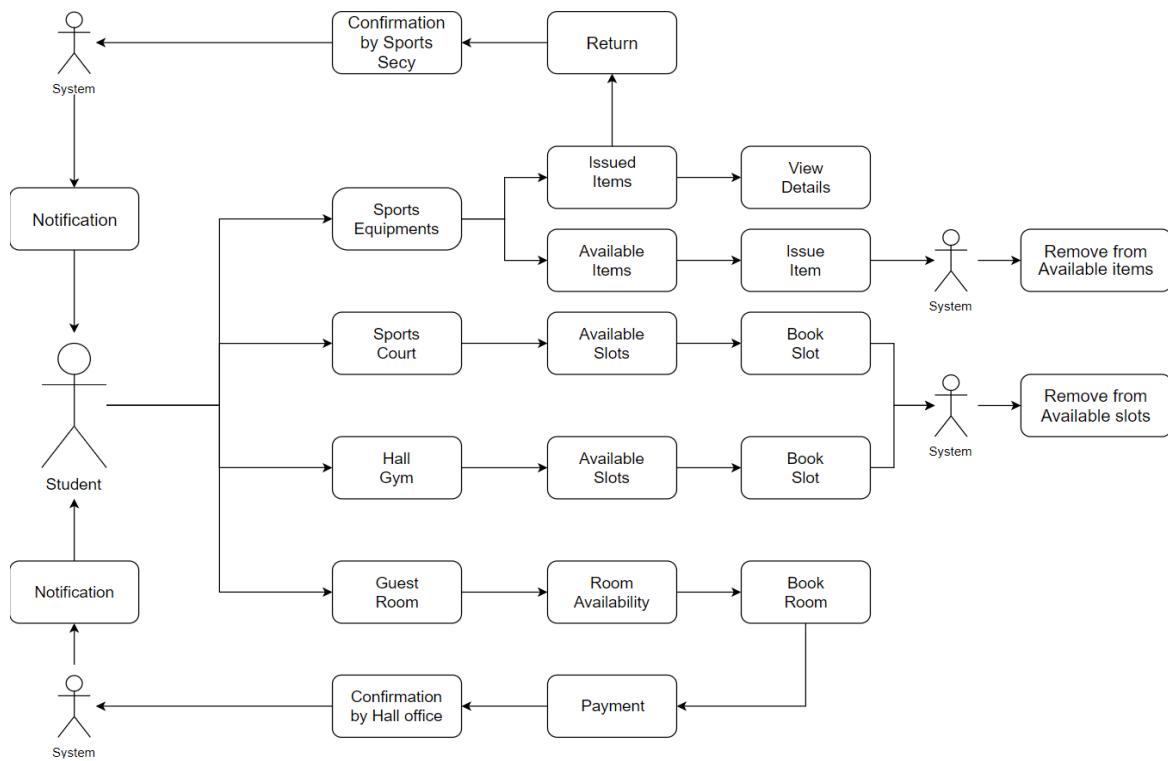
7. Use Case #8: Cleaning Service

For students to raise cleaning requests and hall managers to handle requests

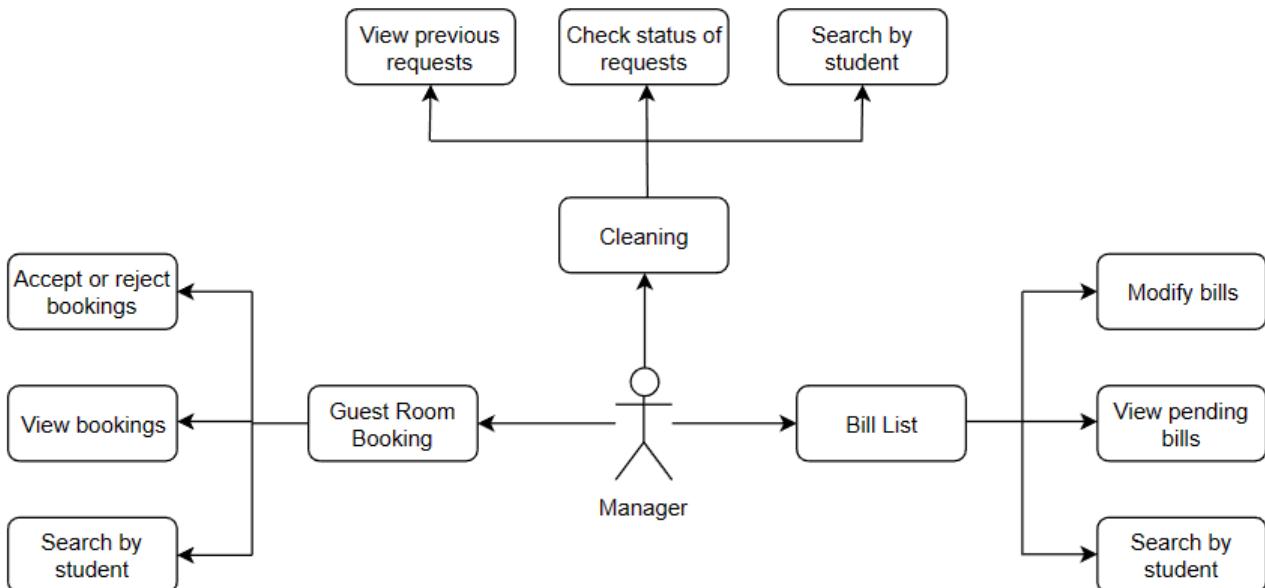


8. Use Case #7: Bookings

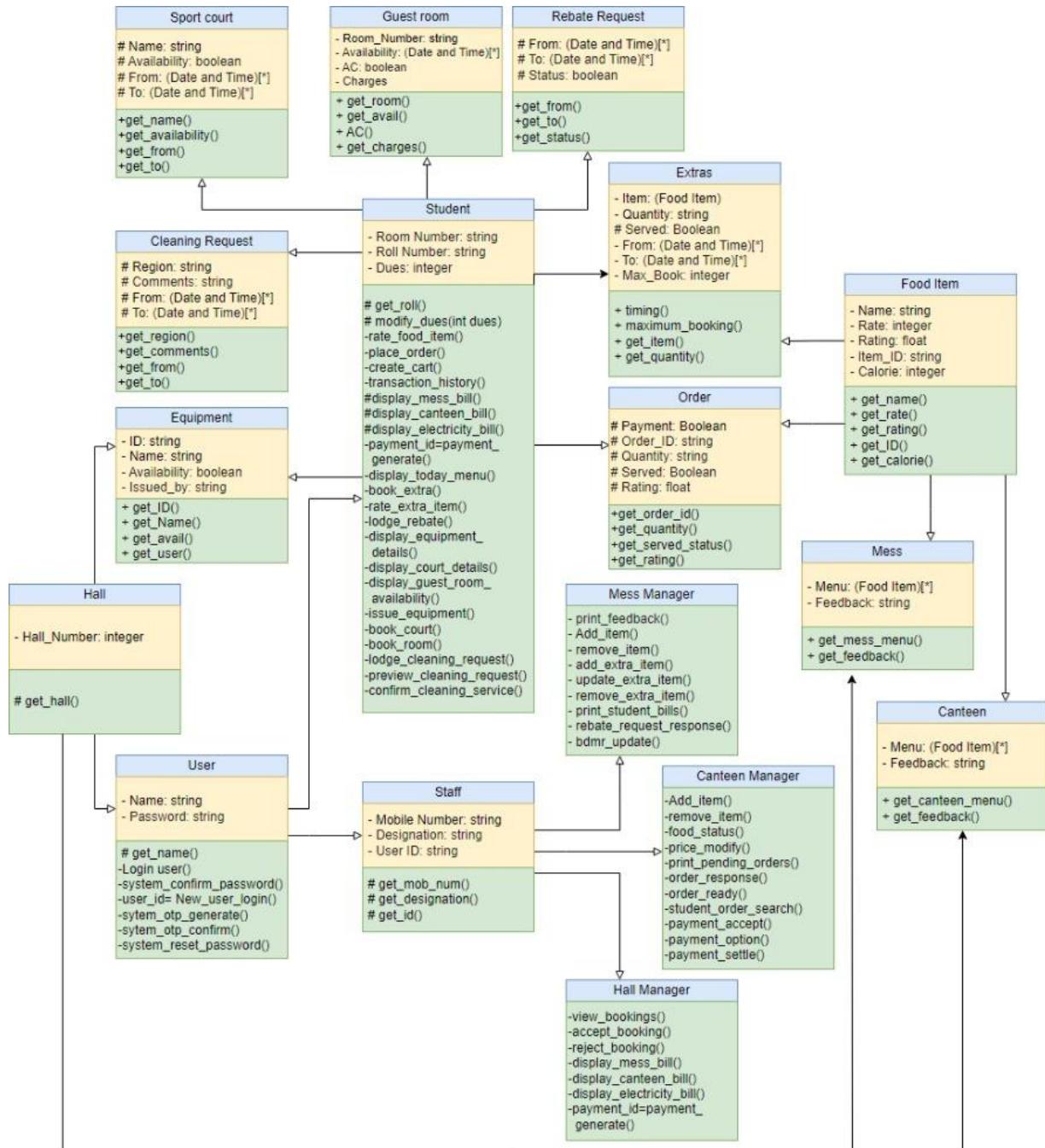
For students to book courts, gym slots, sports equipment and guest rooms.



9. Use Case #9: Manager's interface

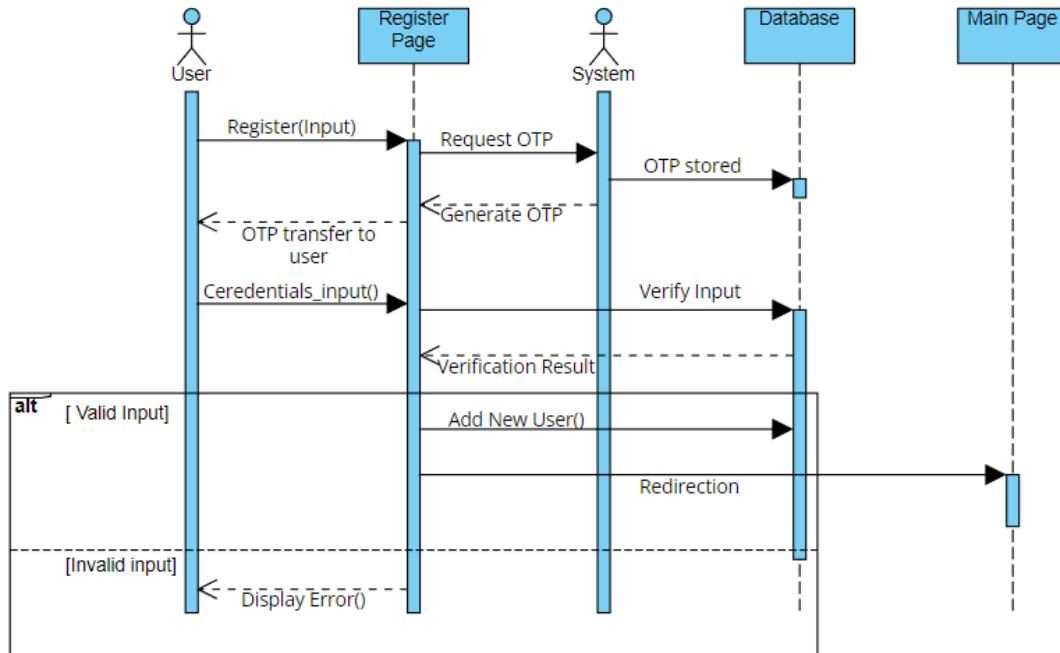


3.2 Class Diagram

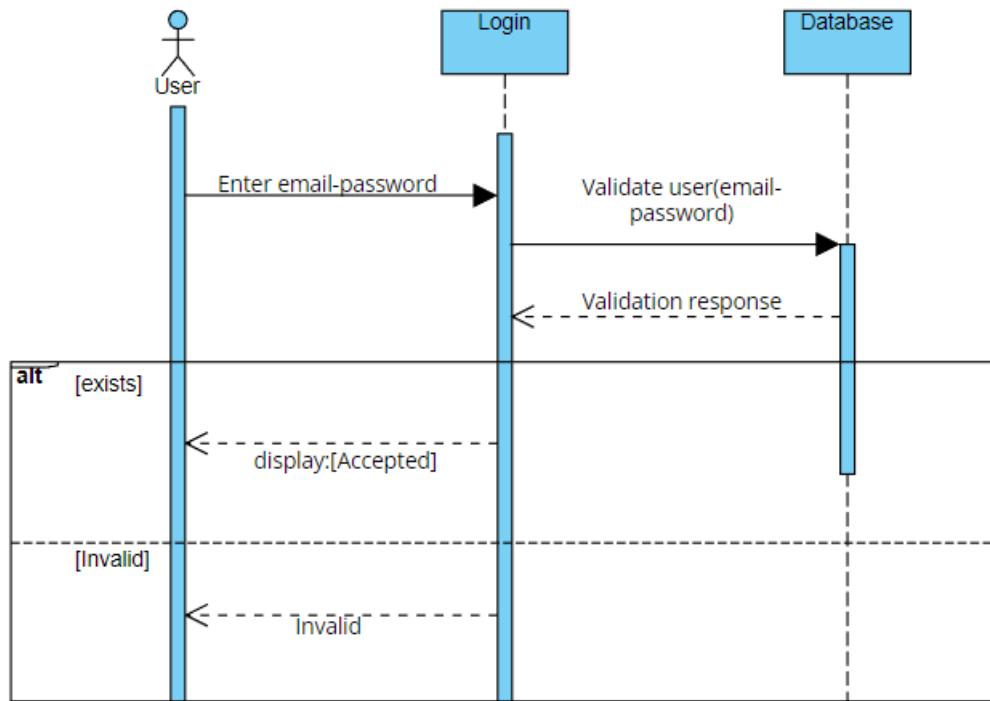


3.3 Sequence Diagrams

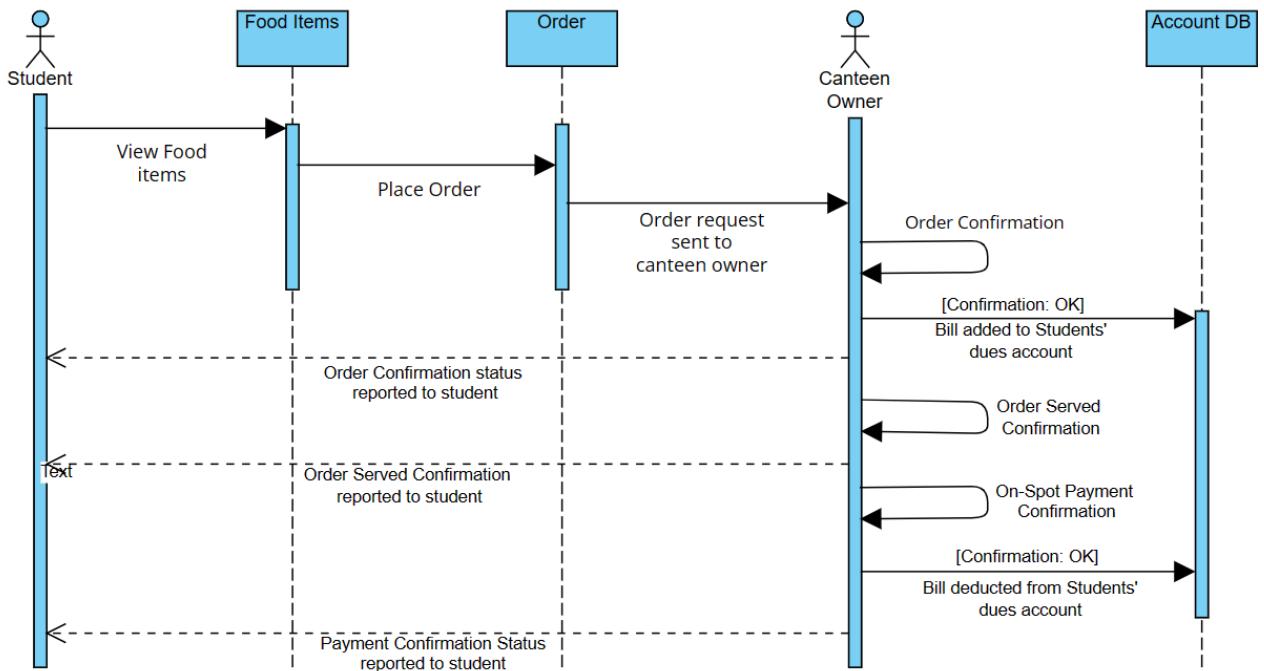
1. New User Registration



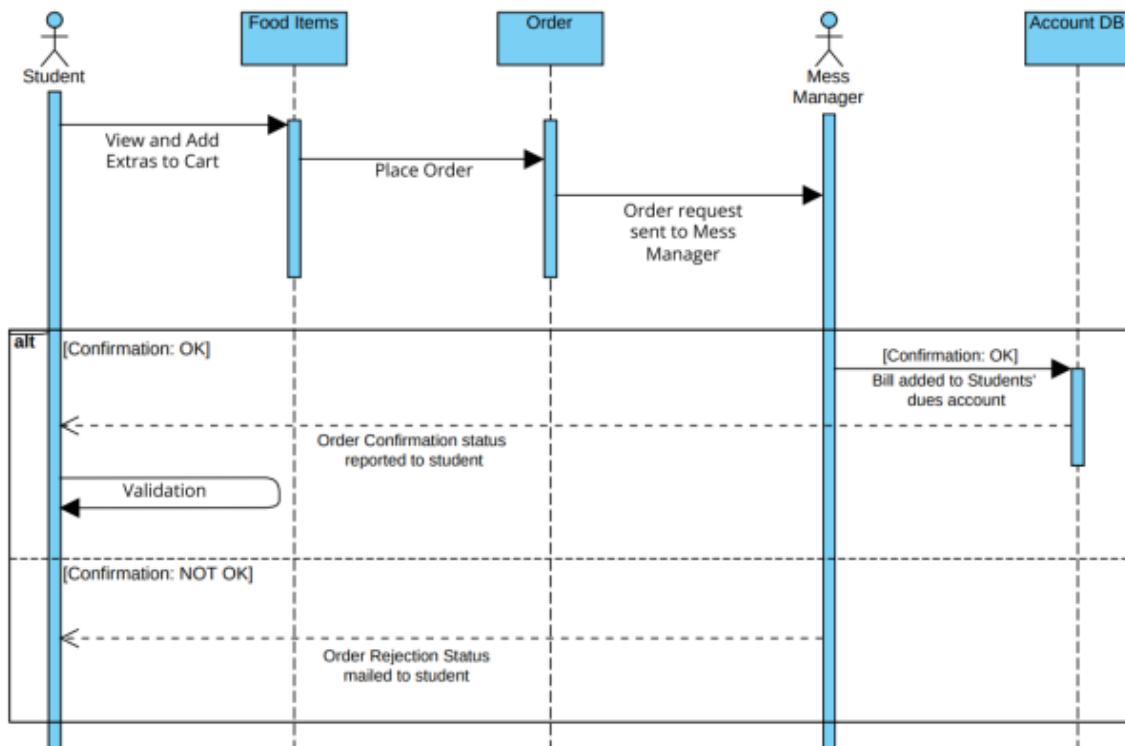
2. Authentication



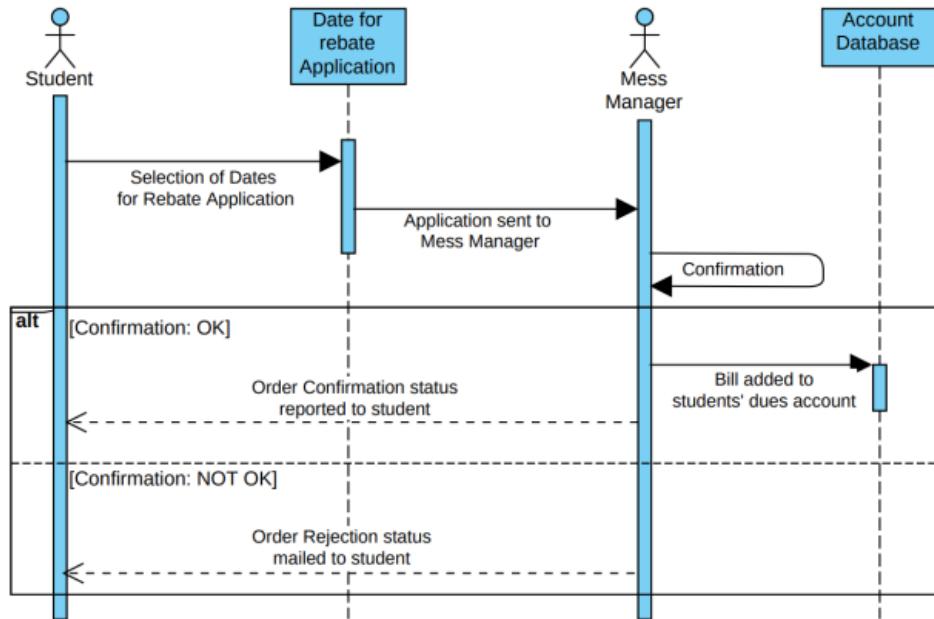
3. Canteen Management



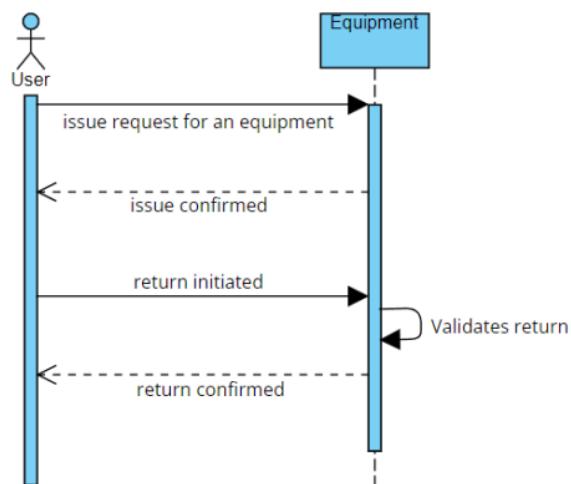
4. Mess Management



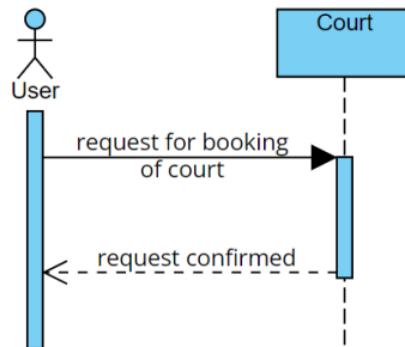
5. Mess Rebate Management



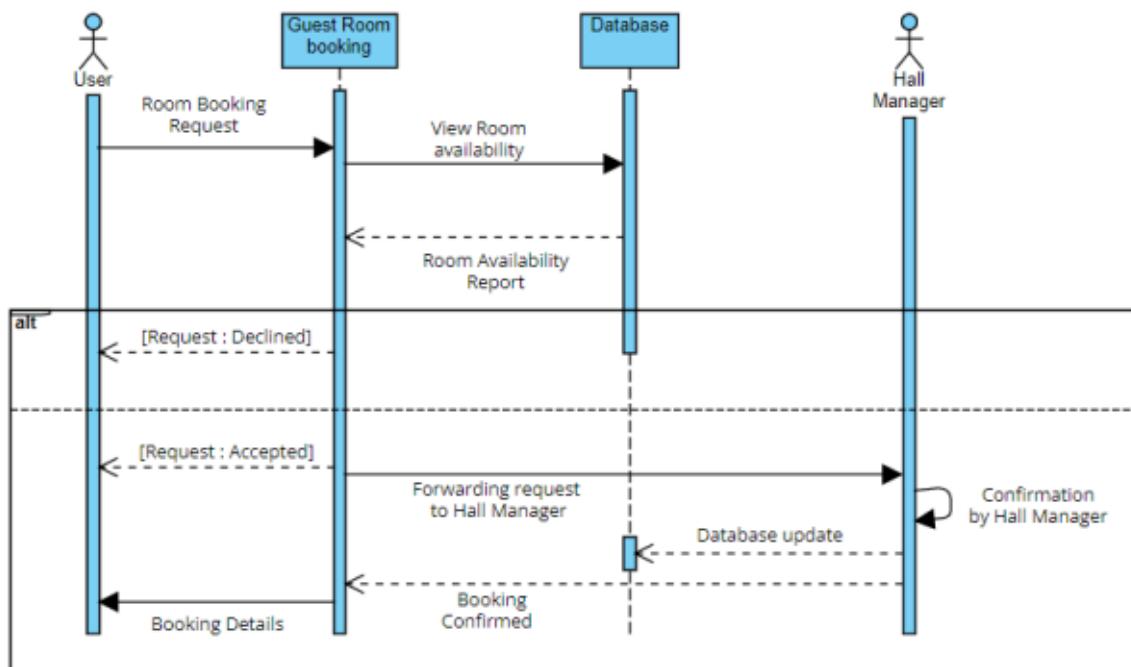
6. Sports Equipment Booking



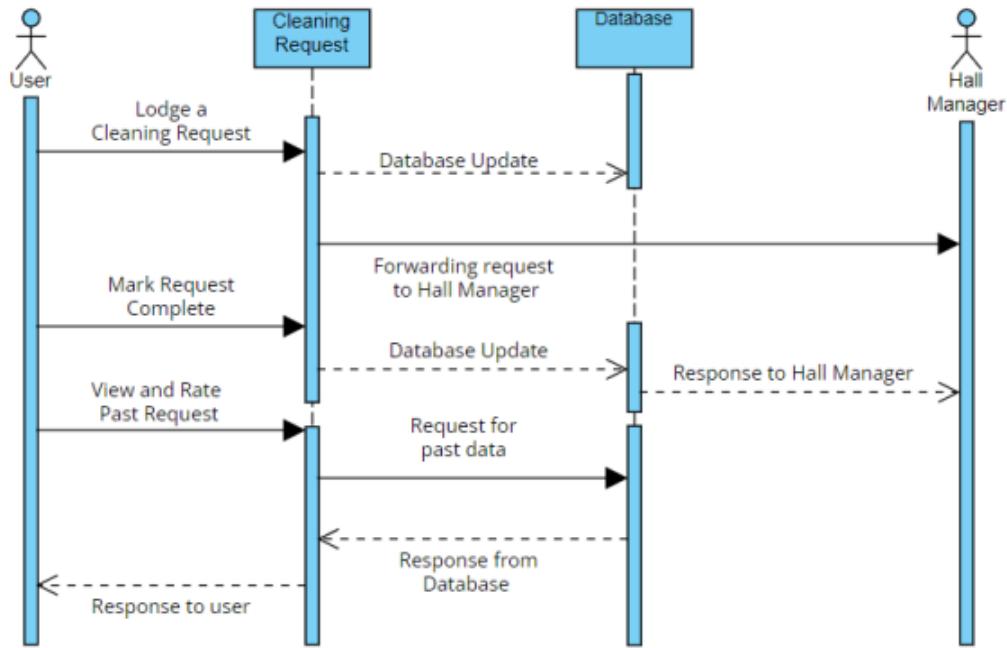
7. Court Booking



8. Guest Room Booking

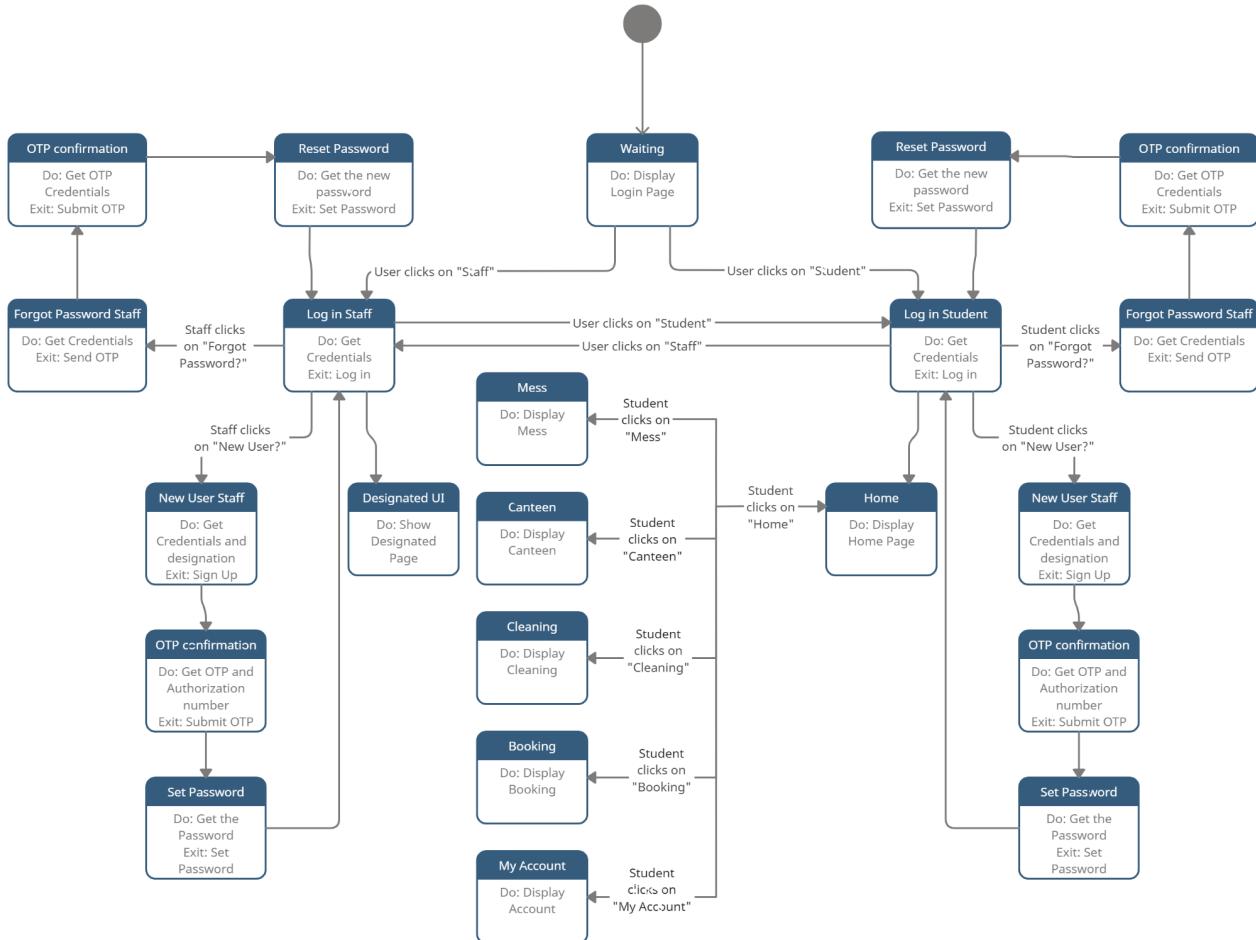


9. Cleaning Service Management

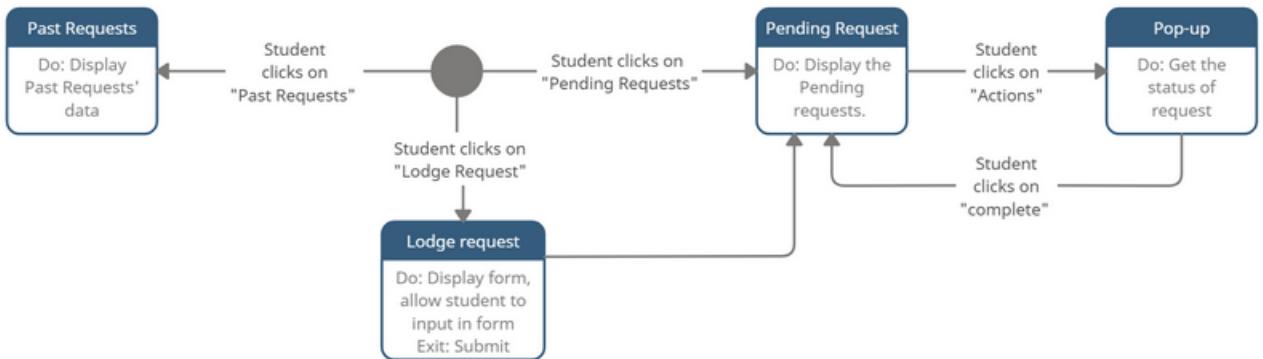


3.4 State Diagrams

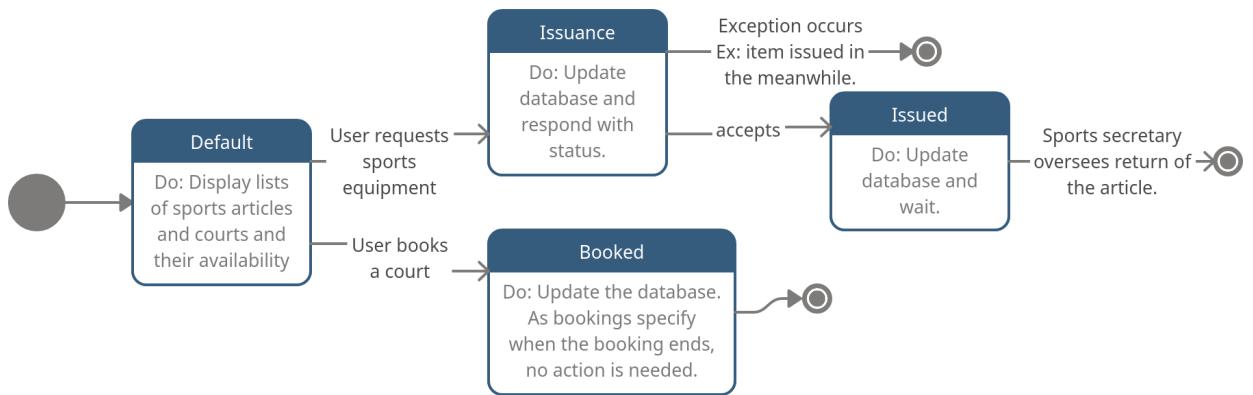
Overall state diagram:



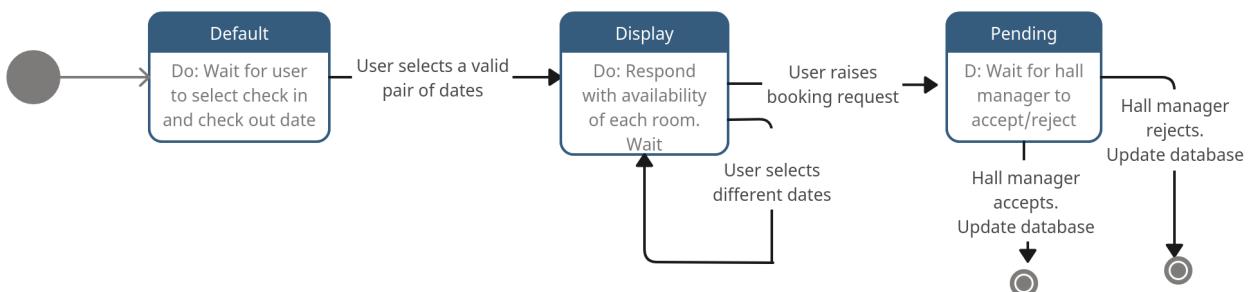
1. Cleaning requests



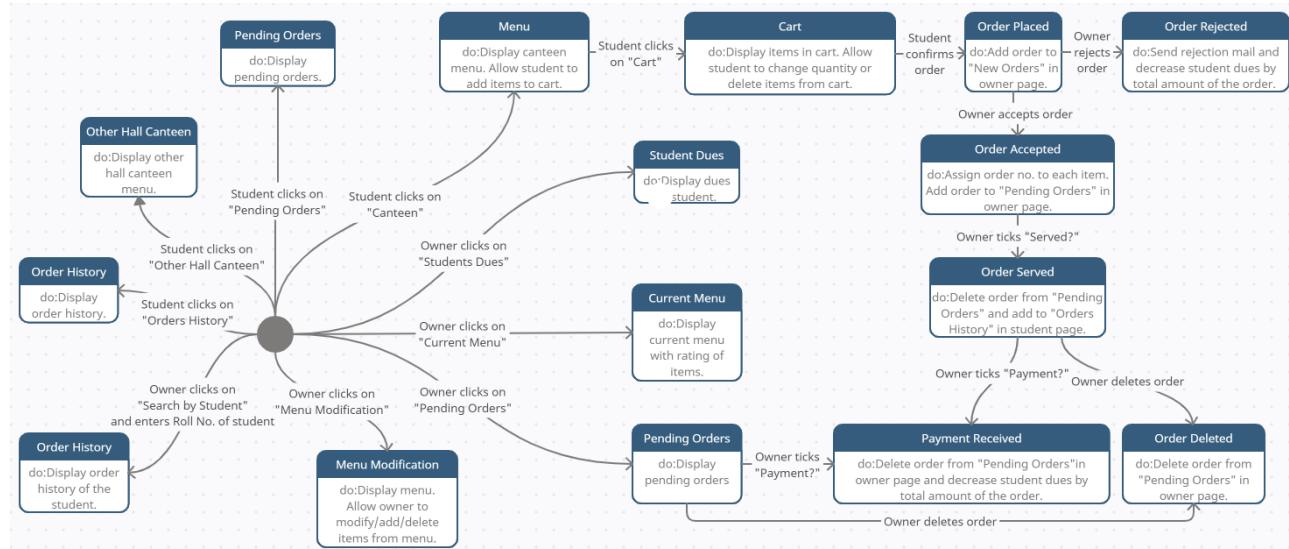
2. Sports equipment and courts booking



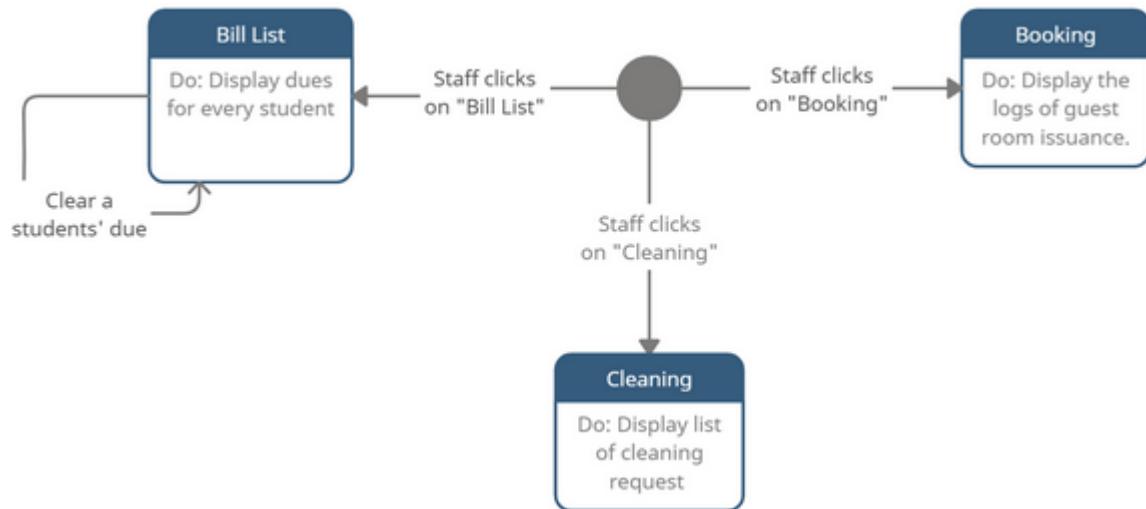
3. Guest room booking



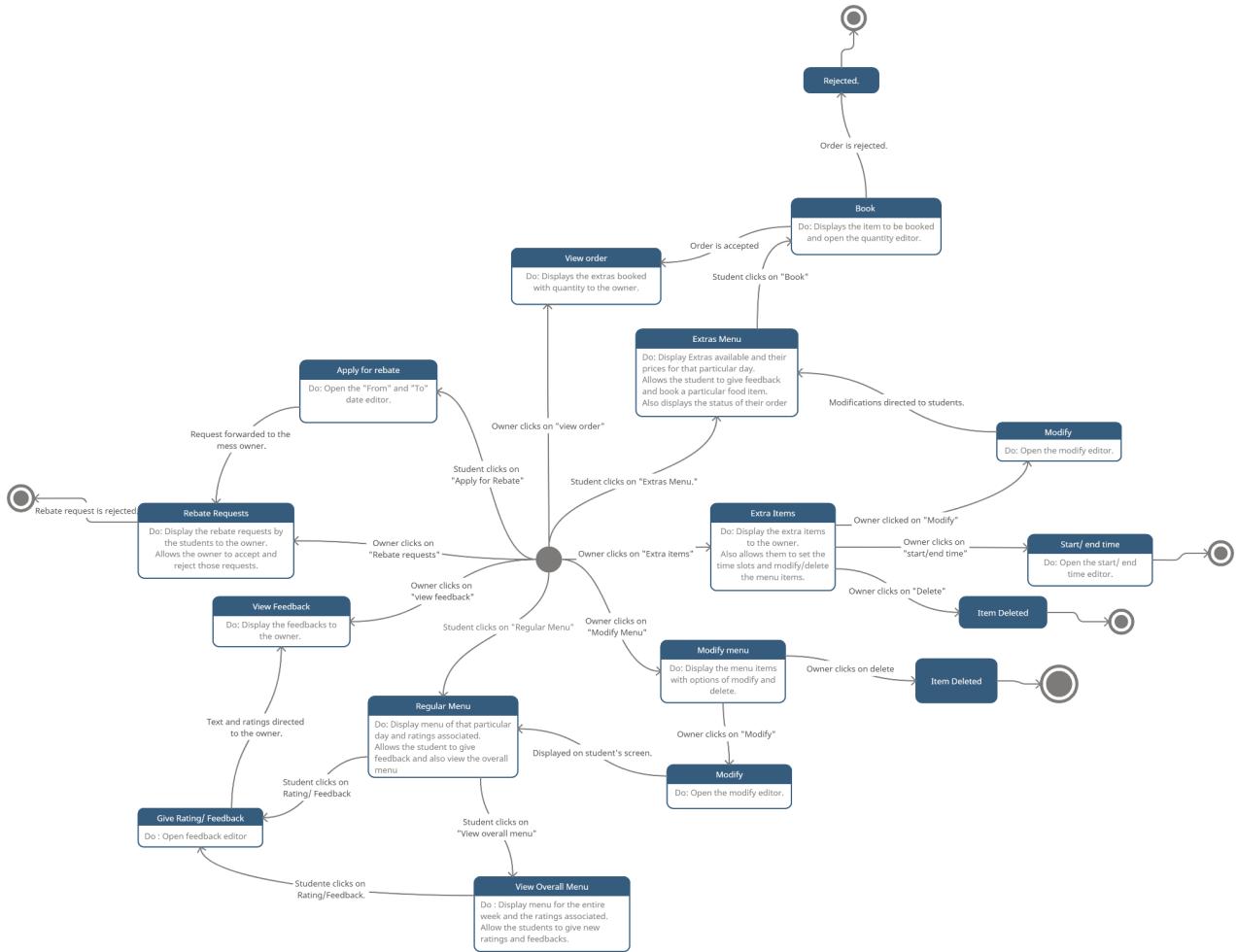
4. Canteen management



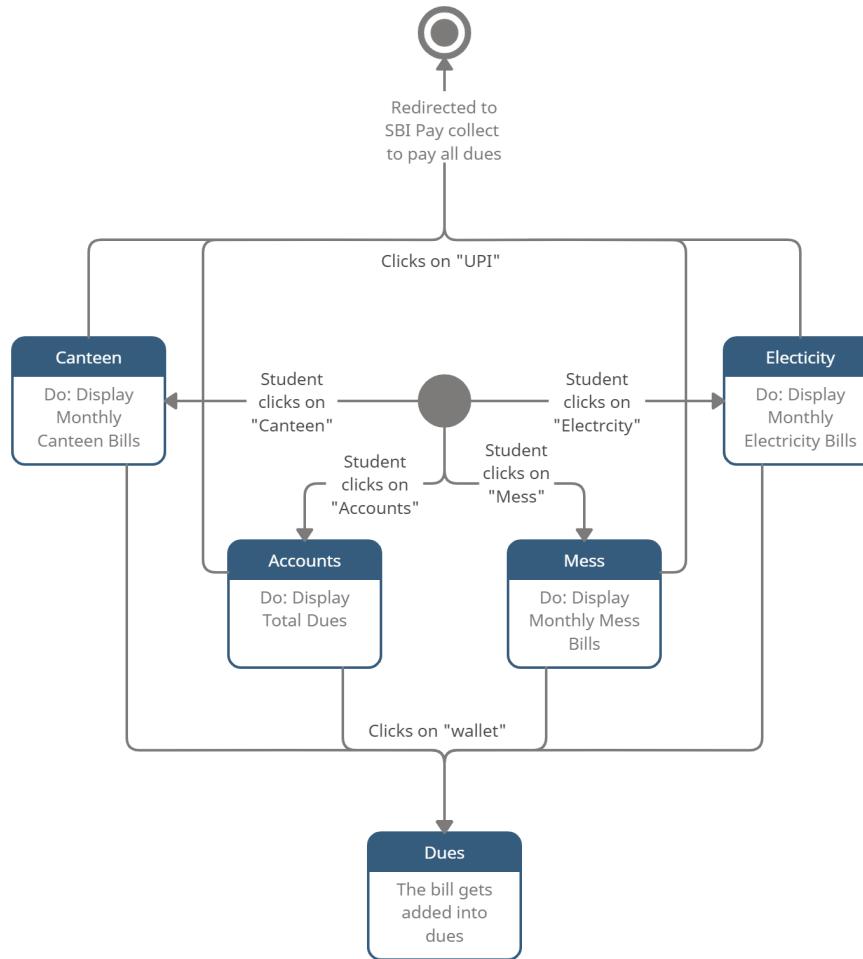
5. Interface of hall manager



6. Mess Management

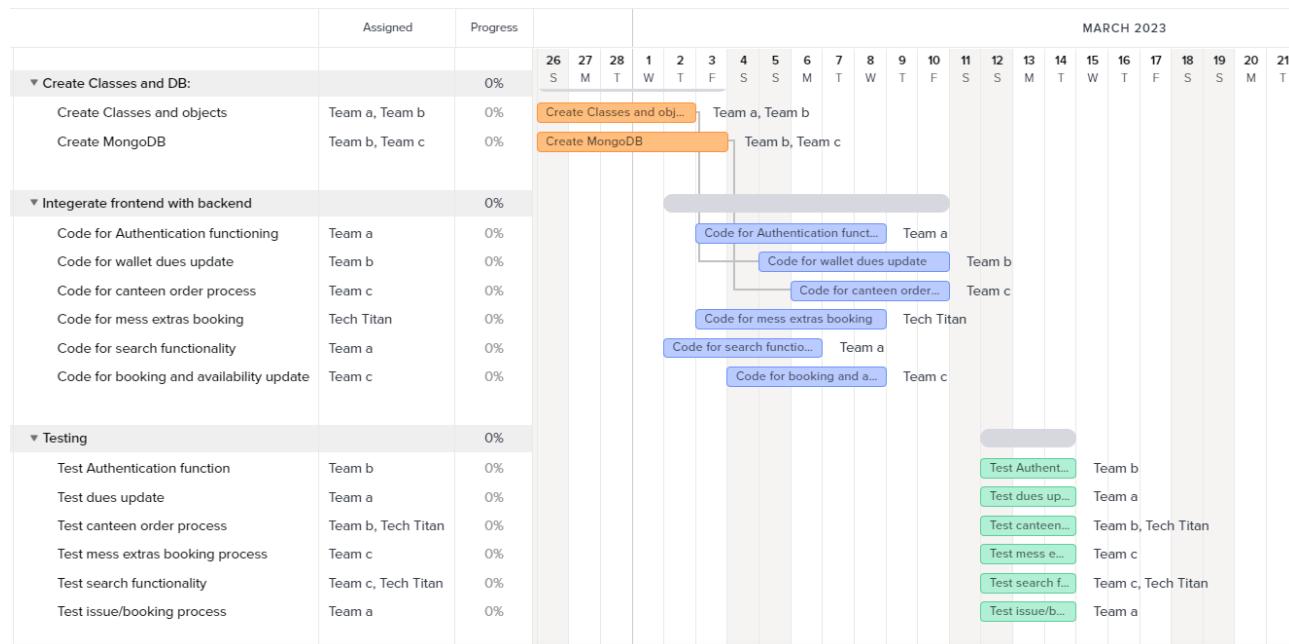
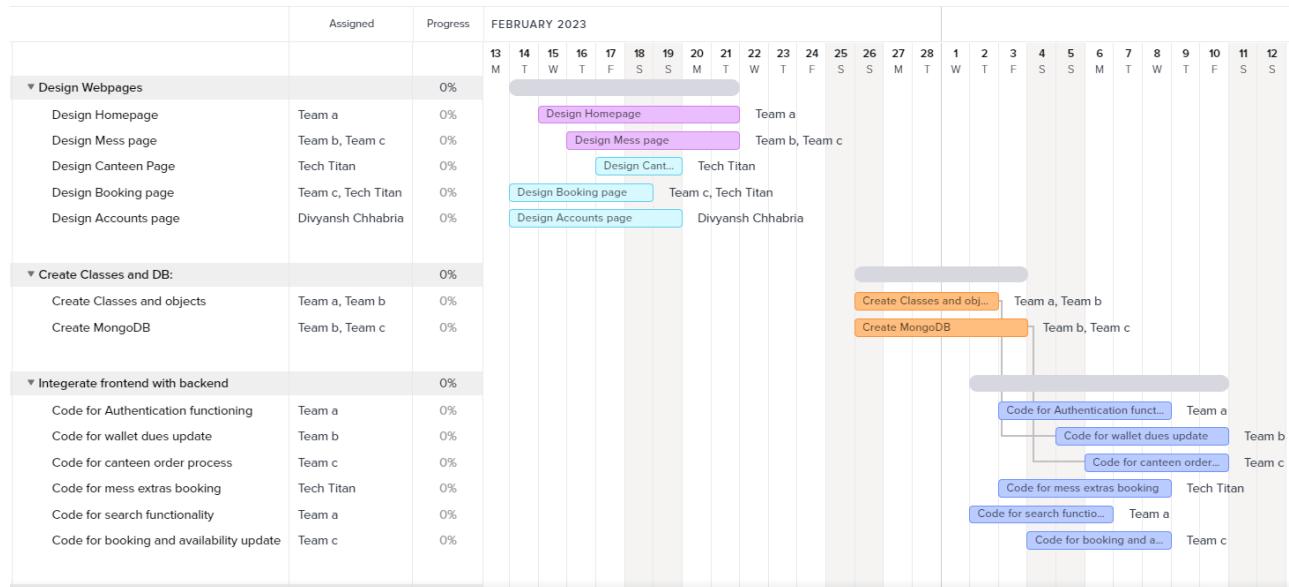


7. Viewing dues and making payments



4 Project Plan

The project plan is as follows:



Appendix A - Group Log

The group was divided into 5 teams A-E and sections of the SDD were distributed among the groups.

Team A	Divyansh Chhabria, Divyansh, Sandeep, Rajeev	Sequence Diagrams
Team B	Divyansh, Harsh, Pranjal, Kriti	Project plan, Formatting of document, Human interface design, Use case diagrams, Group log
Team C	Divyansh Chhabria, Soham, Jhalak, Labajyoti	Context Model, Architectural Design
Team D	Rajeev, Soham, Jhalak, Labajyoti	State Diagrams
Team E	Sandeep, Harsh, Kriti, Labajyoti	Class Diagrams

Date	Team	Details/minutes	Duration	Location
3 rd Feb	B	The team was assigned multiple small sections after discussion. They were divided among the members	30 min	Discord (online)
3rd Feb	C	Decision over architecture model and context diagram discussion	90 min	RM Building
4 th Feb	D	The team discussed how state diagrams would be for the software being developed. Then, features of the software were distributed among the members, for making state diagrams.	45 min	RM Building
4 th Feb	A	Decided on which software to use to make sequence diagrams and distributed parts of the projects to the members.	60 min	Hall 2
6 th Feb	All	Reviewed a draft of the SDD	180 min	RM Building