



Medicollab

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Concept

- A collaboration platform for medical students and professors.
- Students can easily search for respective professors and can add them to their list.
- Professors can assign different tasks or assignments to students
- Students can view their pending assignments, the grades of their completed assignments, and a schedule of their classes.

Functional Requirements

Sign In
[Sign Up](#)

☐ Student ☐ Professor

Sign Up

[Sign In](#)
Sign Up

[Forgot Password?](#)

Sign In

Welcome Back!

[See full list](#)



Professor Liam Sacco
Clinical Neurology
+1 305 564 7012
Students Undertaken: 16



Professor Julio Ramirez
Cognitive Disorder Division
+1 305 923 6754
Students Undertaken: 9

Functional Requirements



Professor Liam Sacco
Clinical Neurology
+1 305 564 7012
Students Undertaken: 16



Professor Julio Ramirez
Cognitive Disorder Division
+1 305 923 6754
Students Undertaken: 9



Professor Sean Bernard
Dermatology Division
+1 305 120 1221
Students Undertaken: 12



Professor Walter Gillis
Gastroenterology
+1 305 666 1414
Students Undertaken: 21



Professor Liam Sacco
Clinical Neurology
+1 305 564 7012



9am-9:50am
11am-12:15pm



1pm-2:15pm



9am-9:50am
11am-12:15pm



No Classes



9am-9:50am
11am-12:15pm

Send Request

Mention the time schedule.



9am-9:50am
11am-12:15pm



1pm-2:15pm



9am-9:50am
11am-12:15pm



No Classes



9am-9:50am
11am-12:15pm

Explain what you expect while
working under this professor.....

Send Request

Congratulations!!

Your request is sent and the
professor will get back to you shortly

**Request
Sent!**

Next

Functional Requirements



Evan Matthews
Bachelor of Medicine
University of Miami

My Tasks

- Submit the subject's abnormalities that affect daily functions report.
- Analyze the symptoms of memory loss leading to memory loss.
- Write a 750 word essay on mineral deficiency



Evan Matthews
Bachelor of Medicine
University of Miami

Pending Assignments

- Submit the subject's abnormalities that affect daily functions report.
- Analyze the symptoms of memory loss leading to memory loss.
- List all the symptoms of osteoporosis



Evan Matthews
Bachelor of Medicine
University of Miami

Completed Assignments

- Write a 750 word essay on mineral deficiency
- How did the bone cancer originate in subject 3's body.



Evan Matthews
Bachelor of Medicine
University of Miami

My Schedule

MON 9am-9:50am	TUE No Classes	WED 9am-9:50am
THU No Classes	FRI 11am-12:15pm	



Functional Requirements



Professor Liam Sacco
Clinical Neurology
305 564 7012

Student Requests



Evan Matthews
Bachelor of Medicine
University of Miami



Professor Liam Sacco
Clinical Neurology
305 564 7012

My Schedule

MON 9am-9:50am 11am-12:15pm	TUE 1pm-2:15pm	WED 9am-9:50am 11am-12:15pm
THU No Classes	FRI 9am-9:50am 11am-12:15pm	

Edit Schedule



Evan Matthews
Bachelor of Medicine
University of Miami

Hello there professor, I would love to learn how you perform the bone marrow transplant and hope to intern under you for 1 month.

Time Schedule:
Monday: 9am-9:50am
Wednesday: 9am-9:50am

Reject

Accept



Professor Liam Sacco
Clinical Neurology
305 564 7012

Students List



Evan Matthews
Bachelor of Medicine
University of Miami



Diana Williams
Bachelor of Medicine
University of Miami



Non-Functional Requirements

○ Usability

- The students and professors will have the experience to use this application. The users can understand how this application works and use it with ease.

○ Reliability


- The system will be available online to users at all times and will function effectively and will be down no longer than 30 minutes each month.

○ Capacity

- Up to 1000 applicants can send requests to a professor in a day. Up to a 1,000,000 requests can be saved into the database.

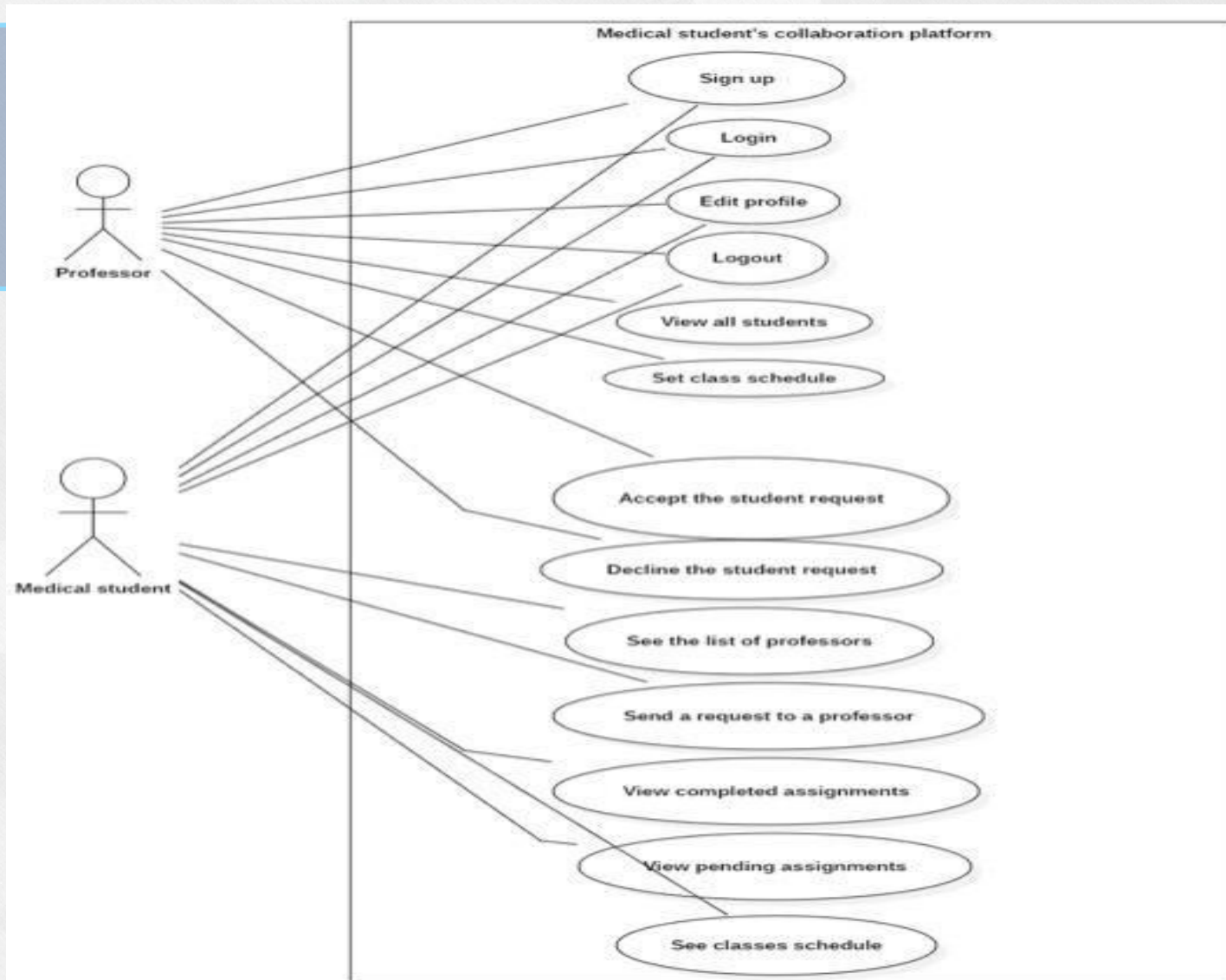
○ Data Integrity & Security

- The system shall maintain data integrity by keeping backups of all the updates to the database.
- The user credentials are stored under encryption to ensure safekeeping.



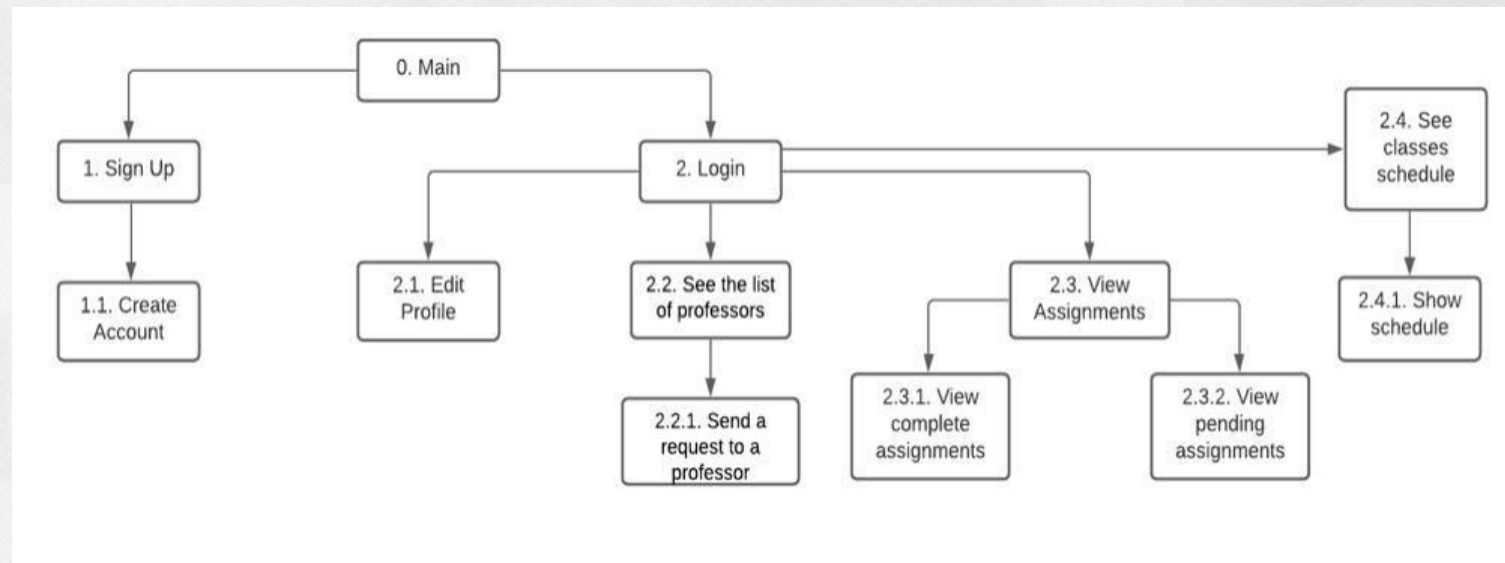
Use Cases And Use Case Diagram

- All the functional requirements are based on use cases.
- All the functional requirements are mapped on use cases



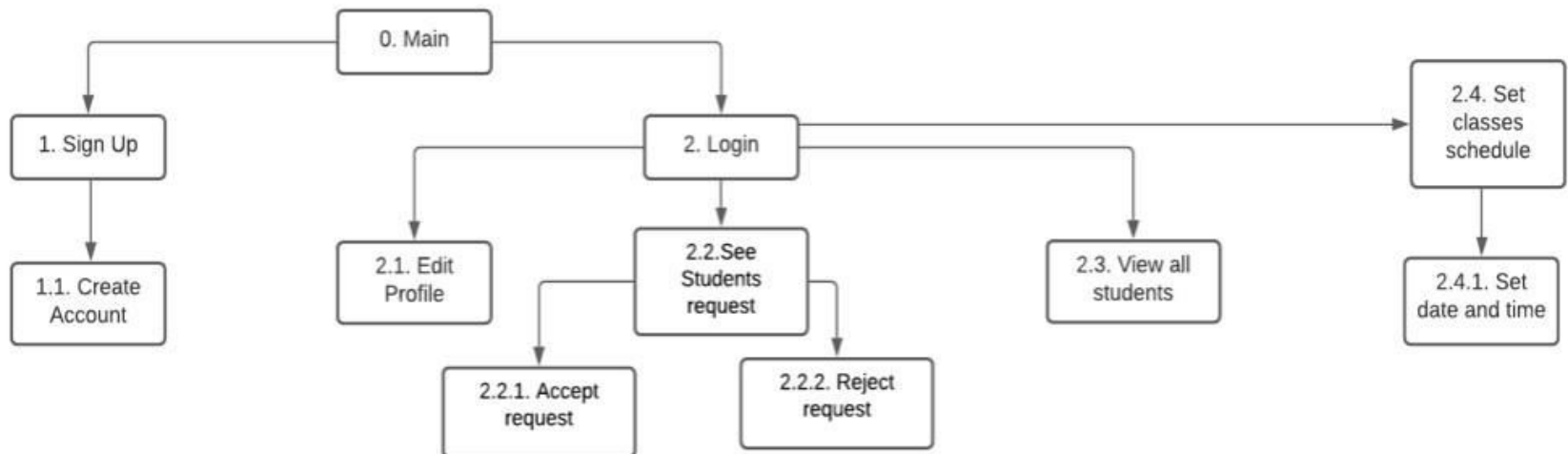
Component Description:

Medical Student



Component Description:

Professor





System Constraints

○ Operating System

- IOS(App store) and Android (Google Play Store)

○ Time

- The project must be completed by May 10th.



Language and Tool Constraints

○ Java

- Back-end language

○ XML

- Front-end Language

○ SQL

- Data storage and access



Thank you for your time!!

○ Any Questions?