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

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My Tasks

Evan Matthews
Bachelor of Medicine
University of Miami

- 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

Pending Assignments

Evan Matthews
Bachelor of Medicine
University of Miami

- 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

Completed Assignments

Evan Matthews
Bachelor of Medicine
University of Miami

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

My Schedule

Evan Matthews
Bachelor of Medicine
University of Miami

MON	TUE	WED
9am-9:50am	No Classes	9am-9:50am

THU	FRI
No Classes	11am-12:15pm

Functional Requirements

Non-Functional Requirements

○ **Usability**

- The students and professors will have the experience to use the application.

○ **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.

○ **Forgot Password**

- If the user selects the forgot password option on the sign in page, a verification code will be sent to user's email. After entering the correct verification code, user will be able to set the new password.

○ **Compatibility**

- The system will be accessible from all major browsers such as Google Chrome, Mozilla Firefox, Opera, Safari, and Internet Explorer.

Non-Functional Requirements

○ **Account Registration**

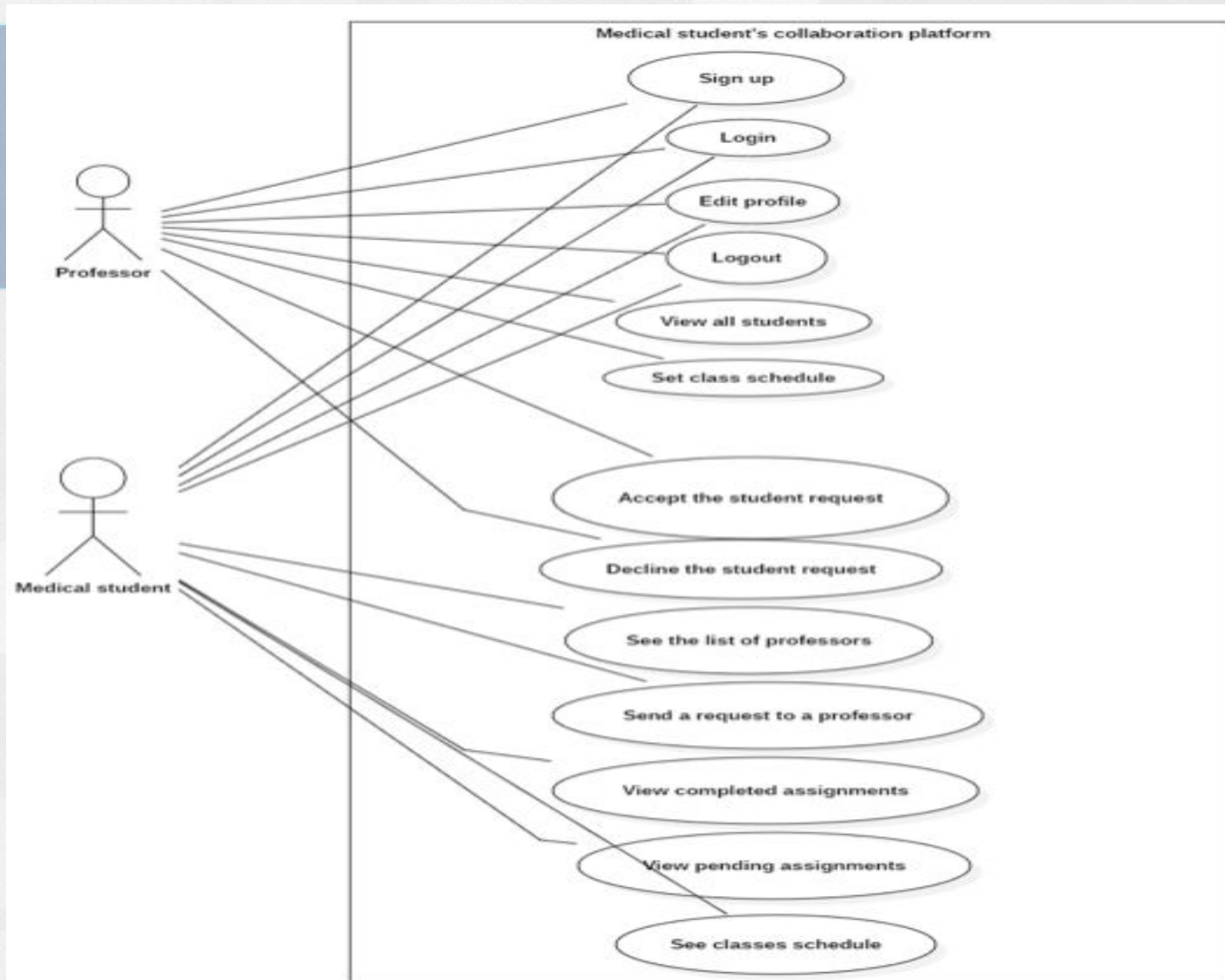- In under 5 seconds

○ **Sign In**

- In Under 5 seconds

○ **Internet Connectivity**

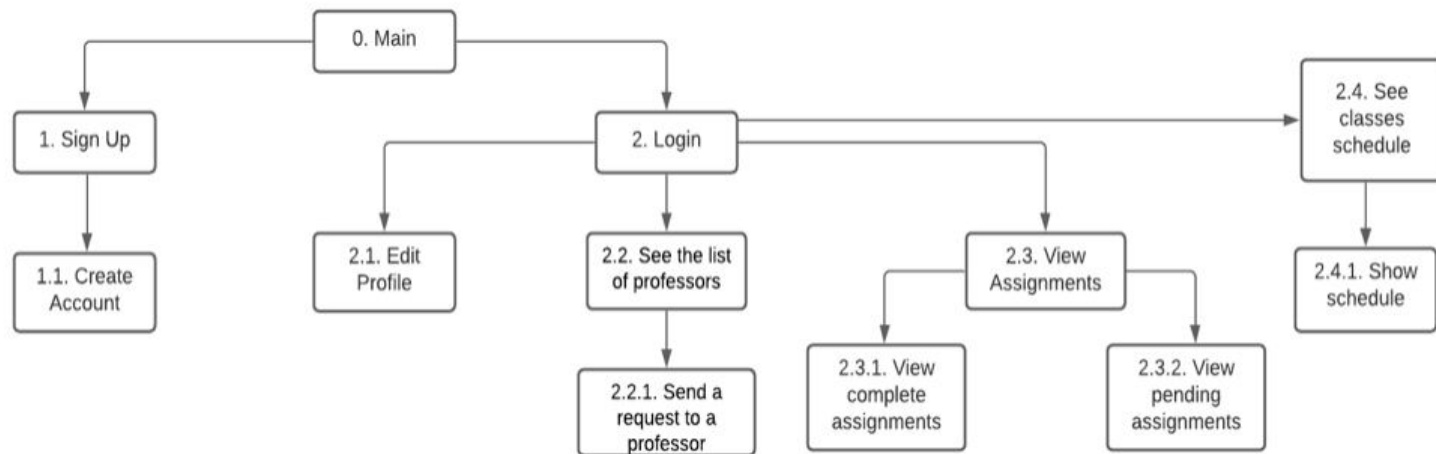- The application must have access to internet to connect to server database.

Use Cases And Use Case Diagram

- All the functional requirements are based on use cases.

- All the functional requirements are mapped on use cases

Medical student's collaboration platform

Professor

Medical student

Sign up

Login

Edit profile

Logout

View all students

Set class schedule

Accept the student request

Decline the student request

See the list of professors

Send a request to a professor

View completed assignments

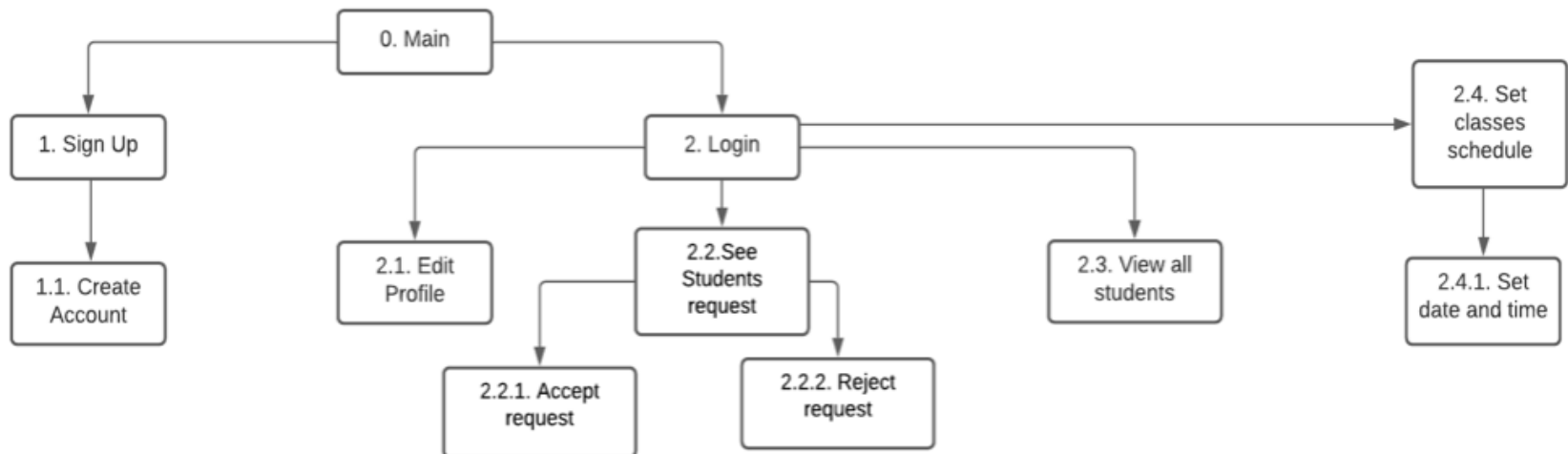View pending assignments

See classes schedule

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?