

JU QUERY

TEAM MEMBERS

18BTRSE031 – T. ASWIN BARATH

18BTRSE026 – SOUVIK KAR

18BTRSE027 – R. SRISARVESH

18BTRSE033 – VYSHNAV RAJ

OBJECTIVES

The screenshot shows the login page of the JU Query platform. At the top left is the Jain University logo with the text "JAIN DEEMED-TO-BE UNIVERSITY". Below the logo is a subtitle: "A place to share queries and answers for better understanding" followed by "Handcrafted by Jain University Students". On the left side, there are two social media sign-in buttons: "Continue With Google" (with a Google icon) and "Continue With Facebook" (with a Facebook icon). Below these buttons is a section titled "Sign Up With Email" with the subtext: "By continuing you indicate that you have read and agree to JU Query's [Code of Conduct](#)". At the bottom of this sidebar are links for "About", "Contact", "Code of Conduct", and copyright information: "© JU Query Inc. 2021". The main right side of the page features a "Login" form with fields for "Email" and "Password", a "Forgot Password?" link, and a blue "Login" button. Below the login form is a blue "Register" button.

“JU Query” is a platform to know about the academic and nonacademic environment, campus life of a student, faculty and student relationship in the institution.

OBJECTIVES

The screenshot shows the login page of a website. At the top left is the JGI Jain University logo with the text "DEEMED-TO-BE UNIVERSITY". Below the logo is a subtitle: "A place to share queries and answers for better understanding" followed by "Handcrafted by Jain University Students". On the left side, there are two buttons: "Continue With Google" and "Continue With Facebook". On the right side, there is a "Login" form with fields for "Email" and "Password", a "Forgot Password?" link, and a blue "Login" button. Below the login form is a blue "Register" button. At the bottom of the page, there is a footer with links: "About", "Contact", "Code of Conduct", and copyright information: "© JU Query Inc. 2021".

The ultimate goal of this website is just to spread the knowledge and to help the people who are seeking the knowledge

OBJECTIVES

JU Query is a continually improving collection of questions and answers created, edited, and organized by everyone who uses it.

The most important thing is to have each question page become the best possible resource for someone who wants to know about the question.

The screenshot shows the login page of JU Query. At the top left is the Jain University logo (JGI) and the text "JAIN DEEMED-TO-BE UNIVERSITY". Below the logo is the tagline "A place to share queries and answers for better understanding" and the text "Handcrafted by Jain University Students". On the left side, there are two buttons: "Continue With Google" with a Google icon and "Continue With Facebook" with a Facebook icon. Below these buttons is a link "Sign Up With Email" followed by a small note: "By continuing you indicate that you have read and agree to JU Query's [Code of Conduct](#)". At the bottom of the left sidebar are links for "About", "Contact", "Code of Conduct", and copyright information: "© JU Query Inc. 2021". The main right side of the page features a "Login" form with fields for "Email" and "Password", a "Forgot Password?" link, and a blue "Login" button. Below the login form is a blue "Register" button.

OBJECTIVES

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JU Query addresses issues which could not only help the student of Jain University but the others who want to know about Jain University infrastructure.

JU Query application mainly focuses on promoting virtual interactions and help each and every student to know what is exactly going on the college campus.

PROBLEM STATEMENT

So our application is defined as software that allows any student to ask/answer any query, post any content, share notes, share their important speeches.

PROBLEM STATEMENT

Our system will consist of one front end components and a backend component.

The front end component is for students to view the Q&A, upload Q&A, share notes, register events.

The backend component is to store and maintain the data of every student profile.

LITERATURE SURVEY

Community-based Question Answering destinations enable users to find solutions to complex, point by point and individual questions from different users.

Be that as it may, since answering a question relies upon the capacity and readiness of users to address the asker's needs, a huge portion of the questions stay unanswered.

LITERATURE SURVEY

Community-based Question and Answering (CQA) administrations have conveyed users to another period of information dispersal by enabling users to make inquiries and to answer other users' questions.

The system will ensure to the students not provide any fake answers or events through our site. The student will able to see the live events happening on campus.

LITERATURE SURVEY

A fresher just took admission to Jain University, does not know anything about college and even do not have any connection to others.

He / She can directly take our application and can find out his / her queries.

If his / her query is not present then can post his/ her query here.

References

SocialQ&A: An Online Social Network Based Question and Answer System

- Published on August 2015
- Conference: 2015 24th International Conference on Computer Communication and Networks (ICCCN)
- Authors: Haiying Shen; Guoxin Liu; Haoyu Wang; Nikhil Vithlani

References

Facilitating students' collaboration and learning in a question
and answer system

Published on February 2013

Conference: Proceedings of the 2013 conference on
Computer supported cooperative work companion

Authors: Chulakorn AritajatiN; Hari Narayanan

References

Wisdom in the Social Crowd: an Analysis of Quora

Published on May 2013

Conference: The 22nd International World Wide Web Conference (WWW)

Authors: Gang Wang; Konark Gill; Manish Mohanlal; Haitao Zheng;

Ben Y Zhao

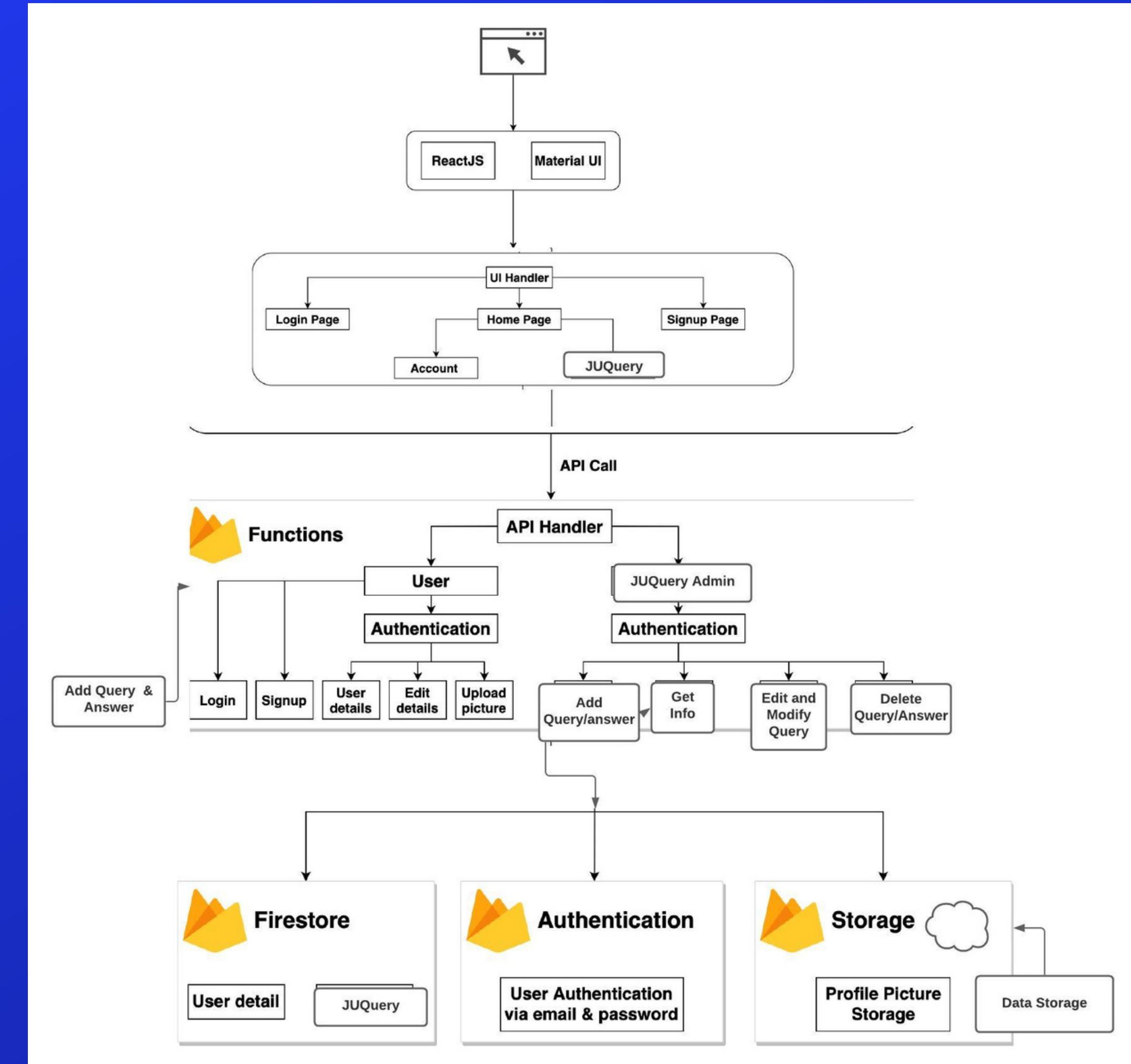
Methodology

Platform: Web Application

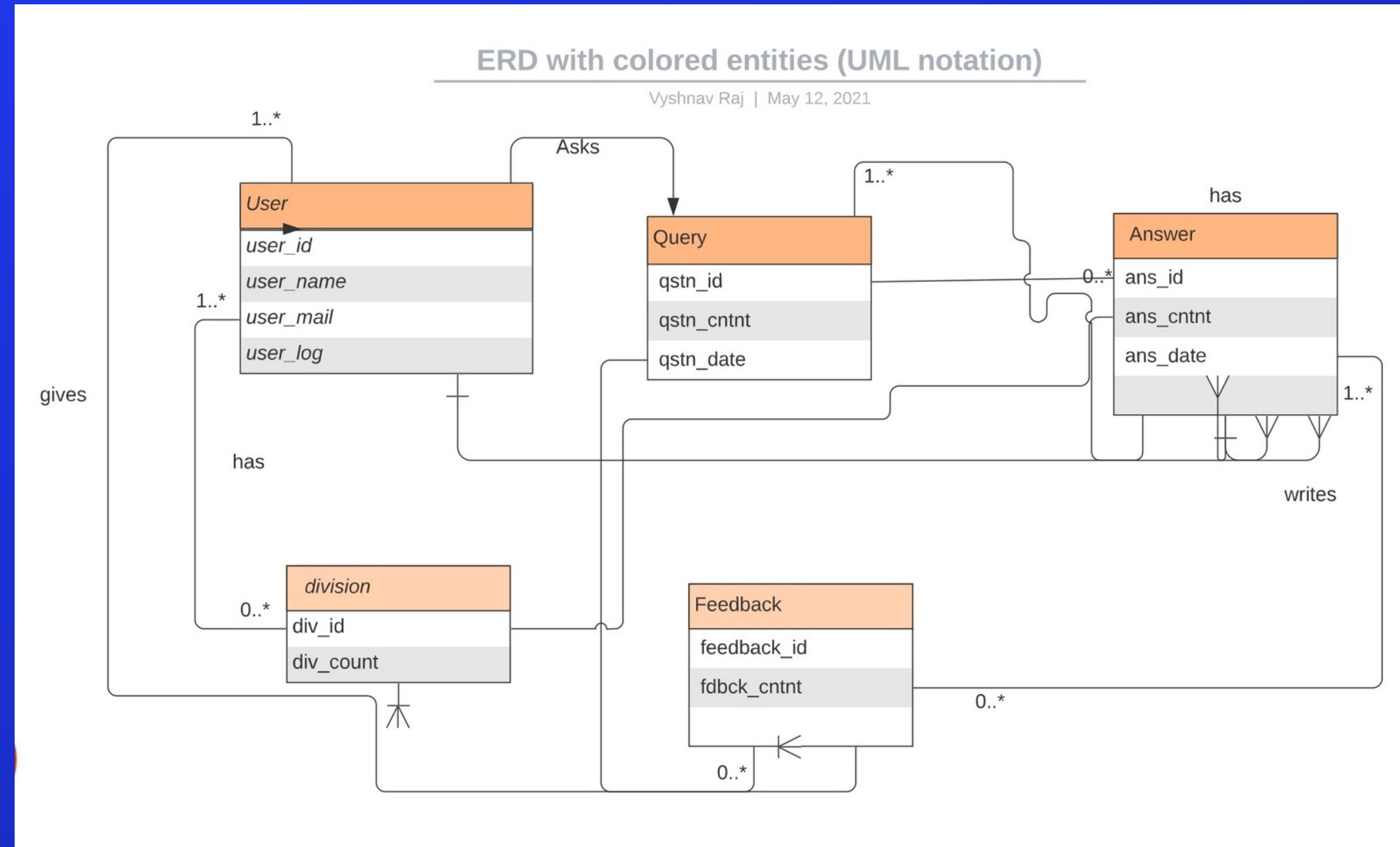


- HTML5
- CSS3
- JavaScript with ES6
- NPM
- React JS
- Redux JS
- React-testing-library
- Material-UI
- Git & GitHub
- Firebase:
 - Firestore
 - Authentication
 - Deploy

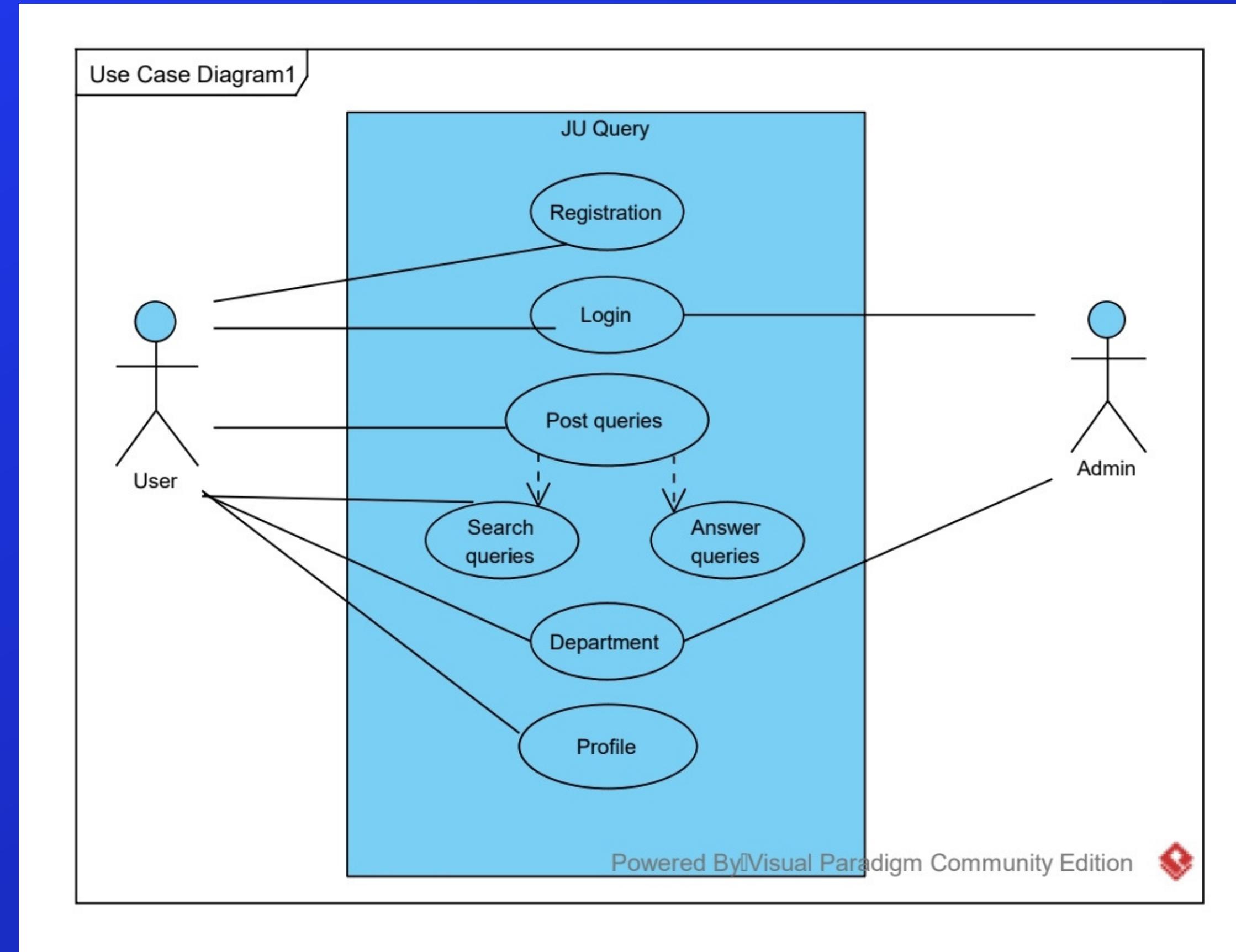
Architecture design



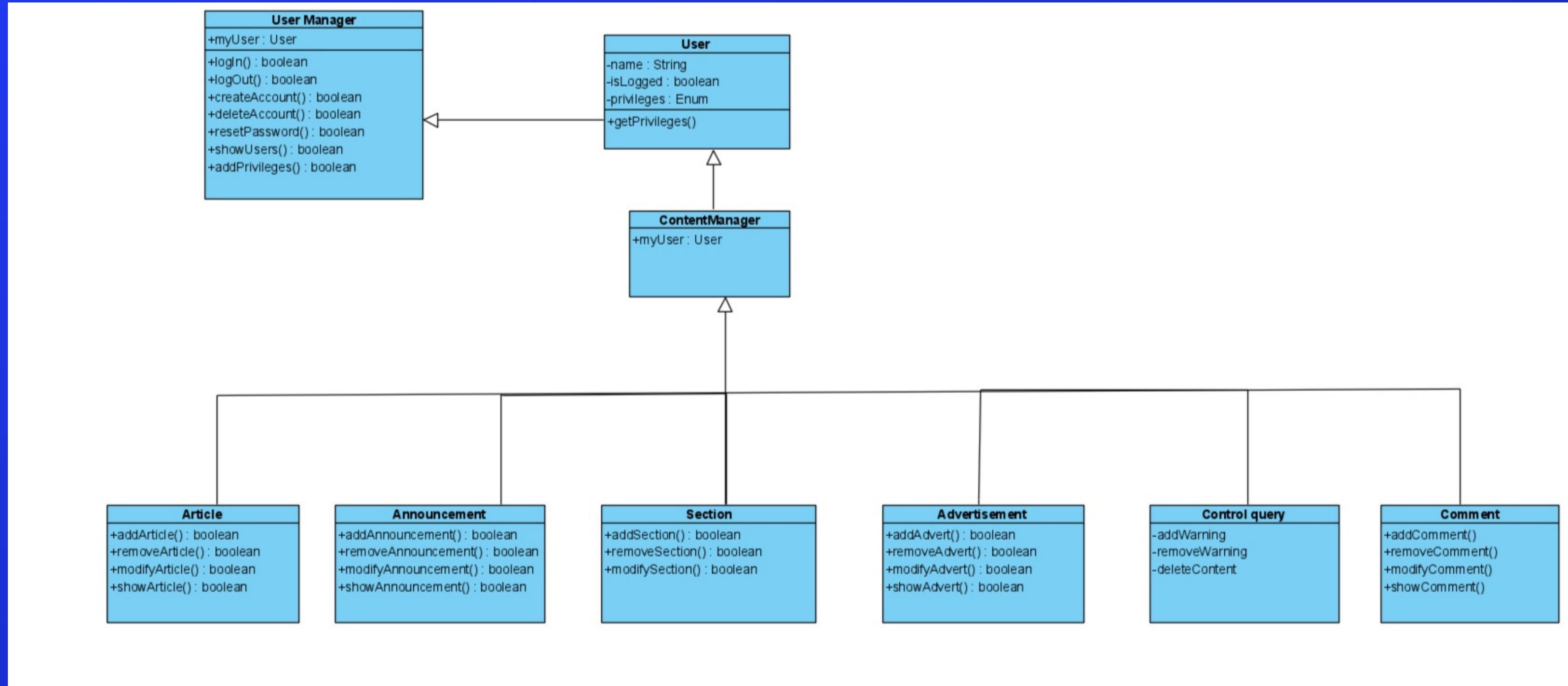
ER Diagram



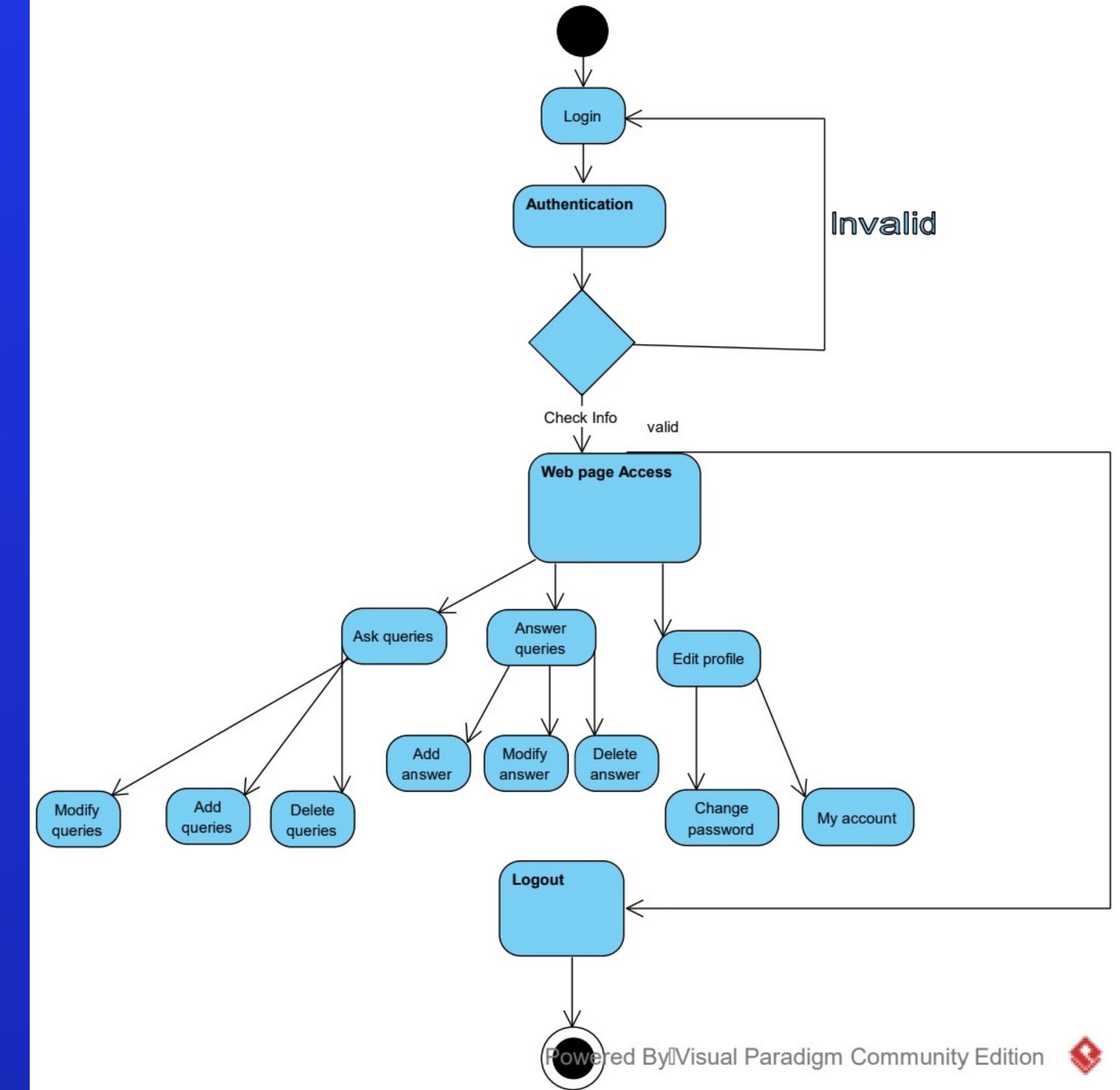
Use case Diagram



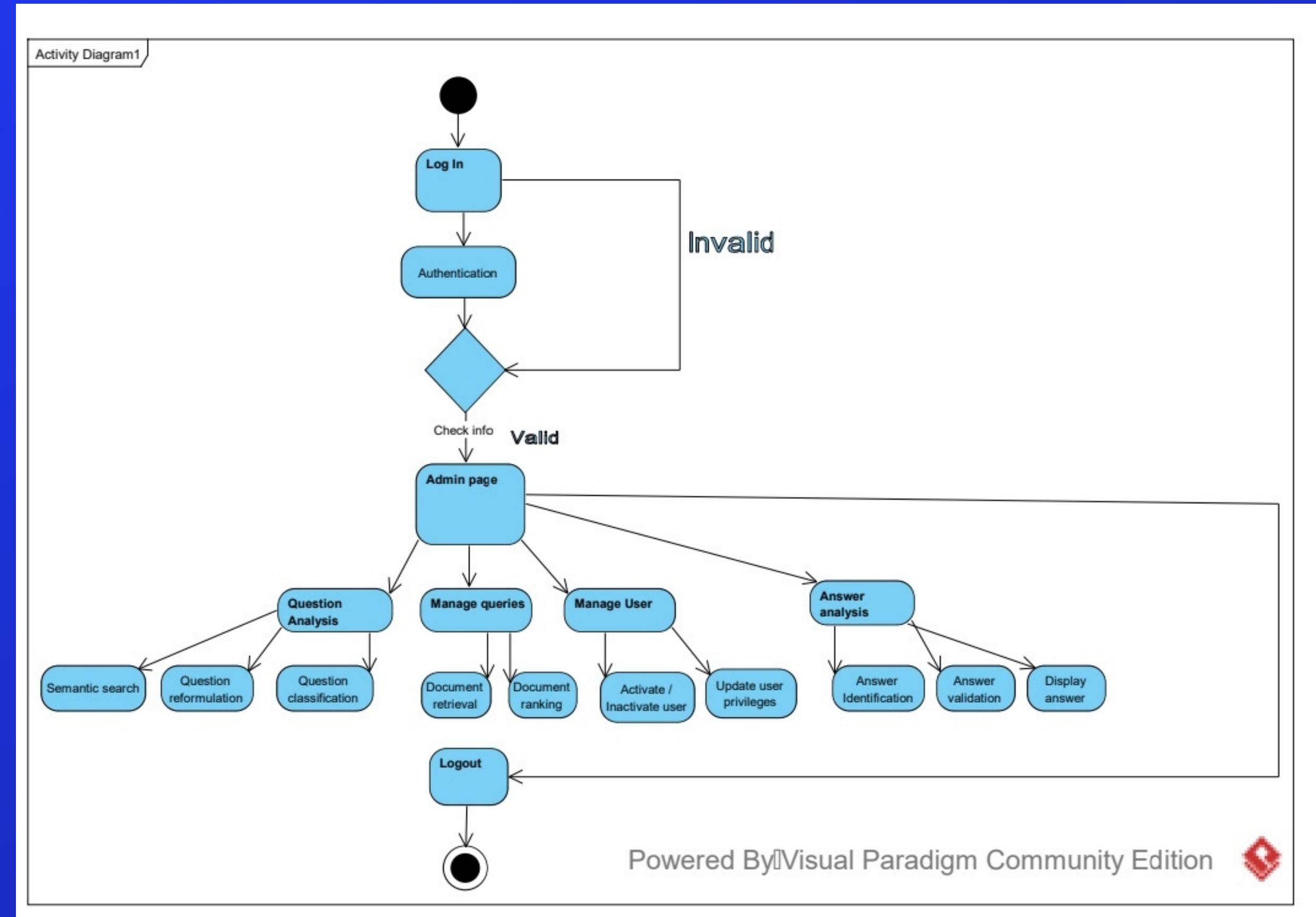
Class Diagram



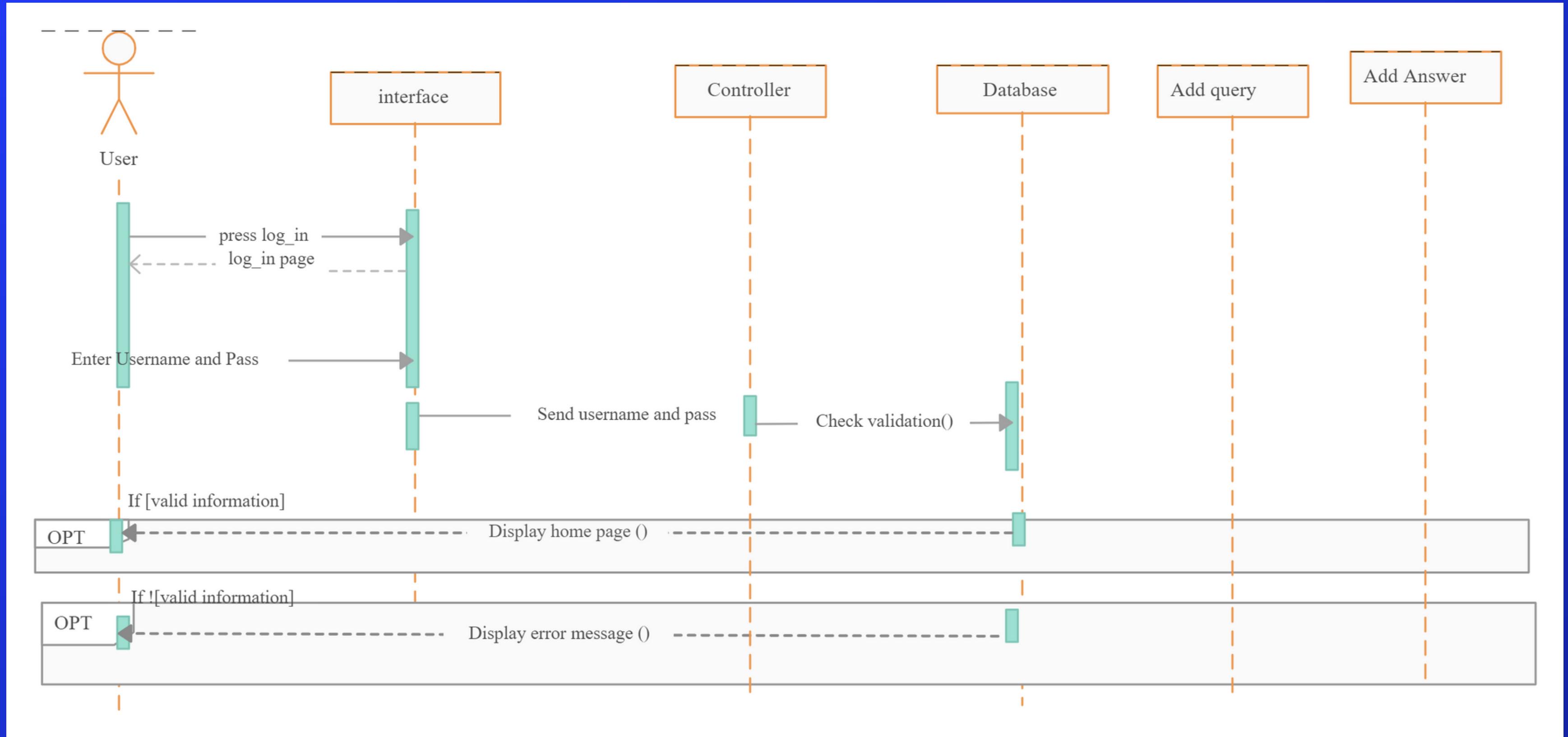
Activity Diagram for User side



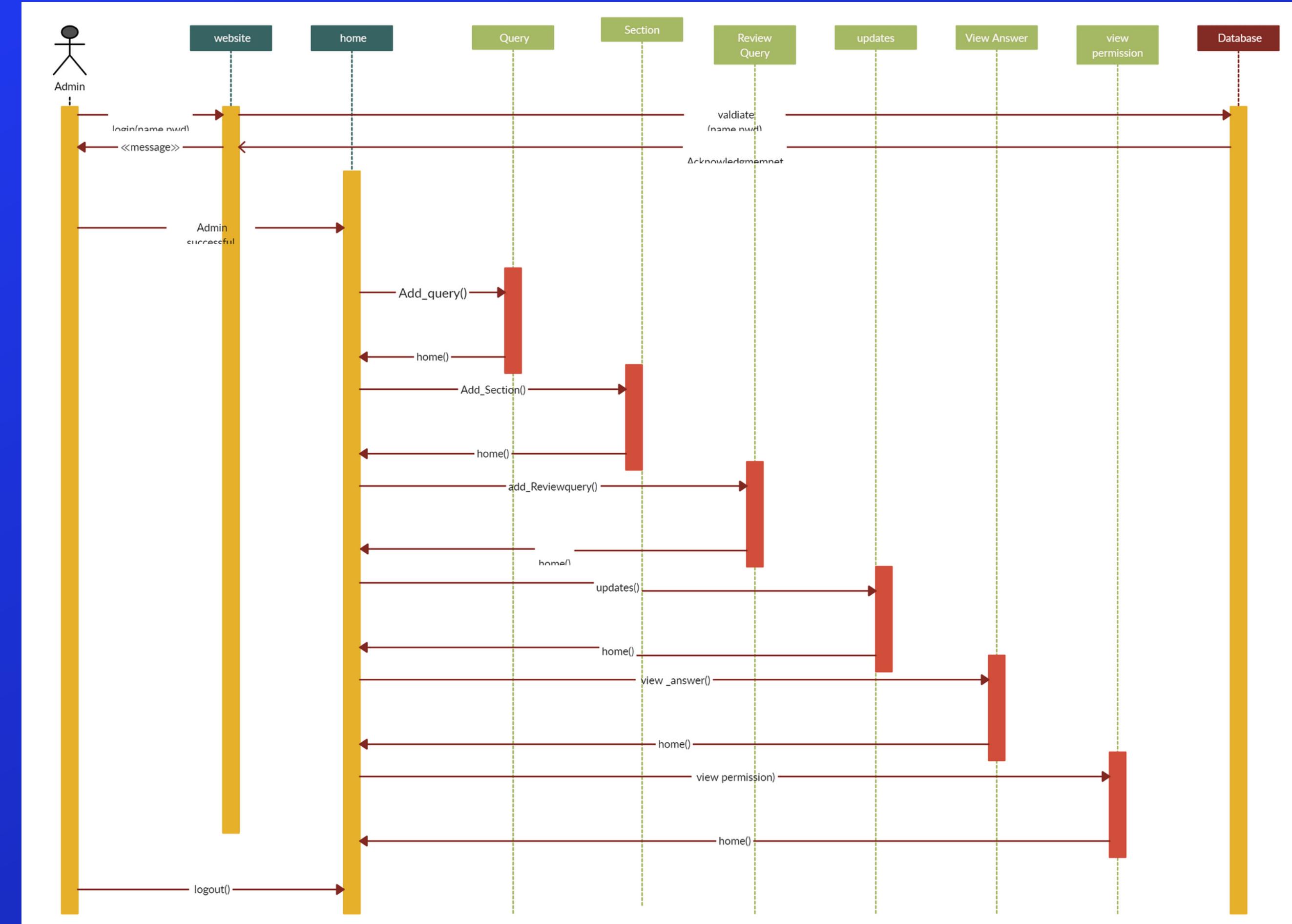
Activity Diagram for admin side



Sequence Diagram for User side



Sequence Diagram for admin side



Implementation techniques

**FUNCTIONAL
PROGRAMMING
USING FUNCTIONAL
COMPONENTS**

**STATE MANAGEMENT USING
REDUX.JS LIBRARY**

**SPECIFIC RE-RENDERING
USING REACTDOM IN
REACT.JS**

**SECURE API
AUTHENTICATION USING
FIREBASE**

**REAL TIME FETCHING DATA
USING FIREBASE FIRESTORE
DATABASE**

Results and Discussion

“JU Query” web application is a deliverable for students and faculties of the college incorporated with production-grade coding standards. This application is quite composite in nature and requires certain technical prerequisites to understand the implementation used in the background. The web application is intended for college students and faculties making them the target audience for this platform and mainly focuses on promoting virtual interactions and helps each and every student to know what is exactly going on the college campus.

Registration page



JAIN
DEEMED-TO-BE UNIVERSITY

A place to share queries and answers for better understanding

Handcrafted by Jain University Students

[!\[\]\(2fff3c9e4afb192f04e878e77fb552ed_img.jpg\) Continue With Google](#)

[!\[\]\(424424d14aba49c86d1c60a64247128f_img.jpg\) Continue With Facebook](#)

[Sign Up With Email](#)
By continuing you indicate that you have read
and agree to JU Query's [Code of Conduct](#)

Login

Email

Password

[Forgot Password?](#) [Login](#)

[Register](#)

[About](#) [Contact](#) [Code of Conduct](#) © JU Query Inc. 2021

Home page

JGI

Home

Checklist

Profile

Bell

Search JU Query

User icon

Globe icon

Add Query

-  Technology
-  Technical Events
-  Innovation
-  Placement
-  Sports
-  Cultural Events
-  Transportations
-  Hostel Life
-  Canteen
-  Others

Aswin Barath

What is Your Question or link?

Aswin Barath posted on Placement 6/17/2021, 5:19:27 PM

What is the Placement Process at Jain University?

Answer



↑ ↓ ↕ ☰

Share ...

Spaces to follow

 Jain University (JU) Chapter
Initiative to provide guidance and awareness

 TechSoftware
Technology and Software blends into singularity

Add Query

The screenshot shows the Jain Global Institute (JGI) platform interface. At the top, there is a navigation bar with icons for Home, Checkmark, and Notifications, along with a search bar labeled "Search JU Query". On the right side of the header is a user profile icon and a blue button labeled "Add Query".

The main content area features a modal window titled "Add Question". The modal has three tabs: "Add Question", "Choose Section", and "Share Link". The "Add Question" tab is active, showing a user profile picture of "Aswin Barath" and a dropdown menu labeled "Select...". Below this, there is a text input field with the placeholder "Select an appropriate option and post a question" and an optional link input field with the placeholder "Optional: include a link that gives context". A blue "Answer" button is located on the right side of the modal.

To the left of the modal, a sidebar lists various sections with corresponding icons:

- Technology
- Technical Events
- Innovation
- Placement
- Sports
- Cultural Events
- Transportations
- Hostel Life
- Canteen
- Others

On the right side of the screen, there is a sidebar titled "Spaces to follow" which lists two entries:

- Jain University (JU) Chapter: Initiative to provide guidance and awareness
- TechSoftware: Technology and Software blends into singularity

Add Answer

JGI

Home Check-in Profile Notifications Search JU Query Add Query

Technology Technical Events Innovation Placement Sports Cultural Events Transportations Hostel Life Canteen Others

Aswin Barath What is Your Question? Aswin Barath What is the Placement Process at Jain University?

What is the Placement Process at Jain University?

asked by **Aswin Barath** on **6/17/2021, 5:19:27 PM**

Enter Your Answer

Answer

Cancel Add Answer

Spaces to follow

Jain University (JU) Chapter
Initiative to provide guidance and awareness

TechSoftware
Technology and Software blends into singularity



Our next milestones are:

1. Addition of a chat option for students to connect with their seniors to clear the untold queries.
2. Addition of event dashboard to it.

Thank
you