

# **Connecting Cuians professionally,( CU\_IN)**

## **A PROJECT SYNOPSIS**

*Submitted by*

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## **BONAFIDE CERTIFICATE**

Certified that this project report **“Connecting Cuians professionally,(  
CU\_IN)”** is the bonafide work of **Ritu Kumari, Alok Kumar, Sumit Kumar**  
carried out the project work under my supervision.

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Submitted for the project viva-voce examination held on

**INTERNAL EXAMINER**

**EXTERNAL EXAMINER**

## **CHAPTER 1.**

### **INTRODUCTION**

#### **1.1. Identification of Client /Need / Relevant Contemporary issue**

- This Project is basically a social media Website “CU\_IN” it’s vision which aims to connect all the Cuians and our aluminise on a single platform professionally.
- This Project aims to generate all kinds of information through our website happening in this college, whether it is about different societies and events or any of the bit to bit stuffs happening around us about which most of the students are unaware, apart from academics and examination information, students will be able to access each every minor to major information Through our website.
- We will be using basics of HTML, CSS, Javascript, ,bootstrap ,reactjs for front end and for backend we will be using mongodb, node js , express js, unix command line.
- This website is a unique idea for connectiong all the like minded and professional students of our university along with aluminis .
- This will help people to grow together and this will allow them to dvelope them together personally as well as professionally.

## **1.2. Identification of Problem**

### **Problem Statement:**

To build a “Social media Website CU\_IN” that will connect all the like minded people on one platform from our college and it will update them with all kinds of information and activities going on in the campus.

### **Key Features/Benefits:**

- Provides good customer service to the user .
- Connect people in one platform.
- It can tell the user about all kind of activities going on in the campus.
- This websitet is designed to provide users with easy access to information and support, allowing them to ask questions and receive personalized responses on various activities going on in the campus..

## **1.3. Identification of Tasks:**

- 1.Out first task is to identify what kind of social media website we are going to make i.e., which industry it belongs to.
- 2.Then, we need to make a list of the technologies that might be needed for this project as well identify the scope that this project can cover in the future.
- 3.Later, the learning of the new technologies used is done so that the project development can be well understood and made conveniently.
- 4.The code for the website is created as well as a user friendly interface is created using html, css and react js.
- 5.It is a rule based website that will works according to our needs and provide necessary information.

6. After training and testing the website, it will be deployed to help the users.

### **Software Used:**

1. Vs code
2. Heroku
3. Google collab
4. Php my admin portal
5. Google cloud
6. Unix command line

### **SCOPE OF THIS PROJECT:**

The range of social media app is wide and varied, depending on their intended use and functionality.

Common areas of social media app “CU\_IN” include:

LOGIN / SIGNUP: This will allow the users to sign in and remain connected to us through our website.

NEWSLETTER: This will allow our users to subscribe our website and stay updated regarding our new updates coming in the website.

EVENTS TAB: This part of the website will allow the users to show all the recent events going on in our campus .

POST TAB: This part of the website will allow the users to post their blogs photos and whatever media they want to post on the internet which will help them to connect to the other people on the website.

## 1.4. Timeline:

ID	Name	Feb, 2023	Mar, 2023					Apr, 2023				May...
		20 Feb	26 Feb	05 Mar	12 Mar	19 Mar	26 Mar	02 Apr	09 Apr	16 Apr	23 Apr	30 Apr
1	Planning											
2	Requirement analysis and structuring the project											
3	Designing the layout											
4	Building Prototype											
5	Implementation of code											
6	Testing and correction											
7	Project Pitch											

## 1.5. Organization of the Report

- I. In the first chapter, we have discussed the introduction of the project and what industry it belongs to as well as the tasks that we will need to perform to make a website.

The scope that this project can provide in the social media industry is discussed. The scope of this website goes much beyond than what is being done in this project.

- II. In the second chapter, the literature review is done in which the timeline of the project is discussed as well as the problems and solutions are discussed. The links used in the findings of literature review for the project are pasted. The goals and objectives of this project is discussed.

- III. In the third chapter, design flow and process of the project is discussed. In this, the evaluation and selection of specifications is done.
- IV. The fourth chapter, the result analysis and the validation of the results is done. In this phase, modern tools are used to analyze and prepare the report as well management the project is done.
- V. In the final chapter i.e., the fifth chapter, the conclusion is done where the working of the project is shown as well as the future scope is discussed. In the future work, the future use of healthcare chatbots in the society is depicted and how it can help revolutionize the healthcare industry.

### **Bibliography:**

- Suryakanta(Project Supervisor)
- <https://www.inbenta.com/en/blog/website-in-healthcare/#:~:text=Chatbots%20are%20designed%20to%20assist,assistance%20whenever%20they%20need%20it.>
- <https://medicalfuturist.com/top-12-social-website/>
- [https://topflightapps.com/ideas/CU\\_IN/](https://topflightapps.com/ideas/CU_IN/)

## **CHAPTER 2.**

### **LITERATURE REVIEW/BACKGROUND STUDY**

#### **2.1. Timeline of the reported problem**

Some major timeline of the project are as follows:

- 1990: During early days of the internet when online communities such as forums, chat rooms, and instant messaging services were popular.
- 1997: First recognized social networking site is SixDegrees.com, The site allowed users to create profiles and connect with friends, but it shut down in 2001 due to financial difficulties.
- In 2002, Friendster was launched, which introduced many of the features we associate with modern social media, such as profiles, friend connections, and news feeds. However, Friendster faced technical difficulties, slow loading times, and a lack of scalability, leading to its decline.
- The launch of MySpace in 2003 marked a significant turning point in the history of social media. MySpace allowed users to customize their profiles with HTML and CSS, leading to the rise of creative and personalized profiles. However, MySpace also faced issues with spam, fake accounts, and cyberbullying, which led to a decline in popularity.
- The launch of Facebook in 2004 revolutionized the social media landscape, as it introduced a more streamlined, user-friendly interface, along with



features such as the news feed, timeline, and photo albums. However, Facebook has also faced numerous controversies over the years, such as privacy concerns, data breaches, and issues with misinformation and hate speech.

- Other popular social media sites that have emerged over the years include Twitter, Instagram, Snapchat, and TikTok. Each of these sites has faced its own set of challenges, such as content moderation, user privacy, and issues with fake accounts and bots.

## **2.2. Existing solutions**

- **Scaling issues:** One of the biggest challenges in building social media websites is managing the rapid growth of users and data. To address this issue, social media companies use various strategies, such as cloud computing, distributed systems, and caching, to ensure their platforms can handle large volumes of traffic and data.
- **Privacy concerns:** Social media websites have been criticized for their handling of user data and privacy concerns. Companies have responded by implementing stronger security measures, such as two-factor authentication and encryption, and providing users with more control over their data through privacy settings and data portability.
- **Content moderation:** Social media websites have faced challenges in moderating user-generated content, particularly around issues such as hate

speech, misinformation, and harassment. To address this, social media companies have implemented policies and guidelines for content moderation, including the use of artificial intelligence and human moderators to identify and remove problematic content.

- Platform abuse: Social media websites have been used for various forms of abuse, including spam, fake accounts, and scams. To combat this, social media companies have implemented measures such as account verification, reporting systems, and machine learning algorithms to detect and prevent fraudulent activity.
- User engagement and retention: Social media websites rely on user engagement and retention to maintain their popularity and revenue. To keep users engaged, social media companies use various strategies, such as personalized content recommendations, gamification features, and social interactions with friends and influencers.

### **2.3. Bibliometric analysis**

Professional connection is something that can open doors to new opportunities, provide access to valuable resources, and help individuals establish themselves in their chosen profession. Building and maintaining professional

connections requires effort and investment, but it can pay off in terms of career growth, learning, and personal development. In addition to in-person events, online platforms like LinkedIn, Twitter, and other social media networks can also be great tools for building professional connections.

By creating a strong online presence and engaging with other professionals in your industry, you can establish yourself as an authority in your field and make valuable connections with others who share your interests and goals. Another key aspect of building and maintaining professional connections is to stay in touch with your contacts. This can be as simple as sending an email or message every so often to catch up and see how they are doing, or sharing news or resources that you think might be of interest to them.

Ultimately, building and maintaining professional connections is all about building trust, providing value, and fostering mutual respect and support. By investing time and effort in your relationships with other professionals, you can create a network of trusted colleagues and mentors who can help you achieve your goals and advance your career.

## **2.4. Review Summary**

This website is designed to help students connect with each other while on campus, allowing them to stay informed about the latest events and activities happening in the community. By using this platform, students can easily browse through the different clubs, organizations, and groups on campus, and learn about upcoming events, meetings, and volunteer opportunities. The website provides a centralized

location for students to stay up-to-date with campus news, sports, cultural events, and other relevant information, making it easier for them to engage and participate in campus life. Moreover, the website features a user-friendly interface that allows students to create their own profiles, customize their preferences, and connect with like-minded individuals. They can also join various chat groups, forums, and discussion boards, where they can share ideas, ask questions, and network with other students. The website can also be used to promote student-led initiatives, showcase artistic works, and highlight community service projects. By facilitating communication and collaboration among students, this website can help foster a strong sense of community, belonging, and involvement on campus.

## **2.5. Problem Definition**

We as a team in this project trying to solve one of the problem occurring inside our university. Our thinking behind this problem is:

- As we can see there are lots of students inside our university from many different departments and fields.
- There are lots of students who are doing really great and many are trying to do the same.
- But we saw a huge communication gap among students inside our university, they don't even know who are their seniors and which student is doing what kind of work and in various fields.
- A problem in strong community building and connecting like minded people is a

challenge.

- Many of us are so ambitious and look for the community support and the desired environment and because of lagging in healthy communication and connections we are deprived of making good connections and meeting good people and the faculties too for deep learning and research. here are lots of opportunities and societies that exist in our universities but still so many students are not getting the right information at the right time and many more are not able to make it possible due to lack of communication and knowledge.
- We have experienced a communication between aspiring students and faculties.

## **2.6. Goals/Objectives**

So for solving this problem we have come up with solution CU\_IN

- CU\_IN is a platform whose prime goal is to connect all the like minded people on the single platform.
- They can get all the key information and access to all their fields, societies and communities where they are thinking of to be a part.
- All the students and faculties are invited to make a social gathering in a professional manner.
- Everyone can get the benefit of becoming the part of any type of community in social gathering of their field happening inside university.
- People can share their experience can get placement and internship related information and application forms.
- Can also get connected with aluminise of university

## **CHAPTER 3.**

### **DESIGN FLOW/PROCESS**

#### **3.1. Evaluation & Selection of Specifications/Features**

##### **few features identified from the similar solutions listed in literature are**

- Compatibility: Our website ensures that it is compatible with the users and it is of their full use .
- Scalability: There is a great exposure to new technologies in our website it can easily adapt new technologies and scale to a great level. it can consider all the traffic and manage it very well
- User-friendly interface: our website have beautiful design that will engage more user towards itself and that's why it is more user friendly.
- Security: Security is a critical consideration for any website.we have built-in security features, such as data encryption, authentication, and access controls. The website also allow us to monitor and control access to our personal information with ease.
- Customization: This website allows for customization and personalization. we are able to customize settings and preferences to our liking, including the ability to create custom scenes and routines.
- Energy efficiency: Our website is energy saving as user can easily understand how to use it without any difficulty and thus it saves time and energy both.

- **Reliability:** Our system is reliable and provides consistent performance. Our website is well-reviewed and have a proven track record of reliability.
- **Cost:** Initially we have not given and invested any money into it . later on even if we invest on taking hosting for website we will not require to pay more hence it is a good way of creating a budget friendly website.

## **3.2. Design Constraints**

### **Constraints identification:**

- **Technical constraints:** These include limitations related to the technology used for the website, such as available hardware, software, or programming languages. Technical constraints can also include performance requirements, compatibility with different browsers and devices, and accessibility for users with disabilities.
- **Functional constraints:** Functional constraints refer to the features and functionalities that must be included in the website design. These constraints may include user authentication, data encryption, content management, search functionality, and integration with third-party services.
- **Aesthetic constraints:** Aesthetic constraints refer to the visual design of the website, such as color scheme, typography, images, and layout. These constraints may be influenced by the branding guidelines of the website's

owner, as well as user expectations and preferences.

- **Content constraints:** Content constraints refer to the type, format, and quality of the content that will be included on the website. These constraints may include the length of text, the use of multimedia elements, and compliance with legal and ethical guidelines.
- **Performance constraints:** Performance constraints refer to the speed, responsiveness, and reliability of the website. These constraints may include load time, server response time, and the ability to handle high traffic volumes.

### **3.3. Analysis of Features and finalization subject to constraints**

#### **Analysis of Features: (features under constraints)**

- **User profiles:** User profiles are a core feature of social media websites, providing users with a space to share information about themselves and connect with other users. Analysis of user profiles may involve evaluating the ease of use of profile creation and editing, as well as the completeness and accuracy of user information.
- **Newsfeed:** The newsfeed is the central content delivery mechanism in a social media website, presenting users with a stream of content from their



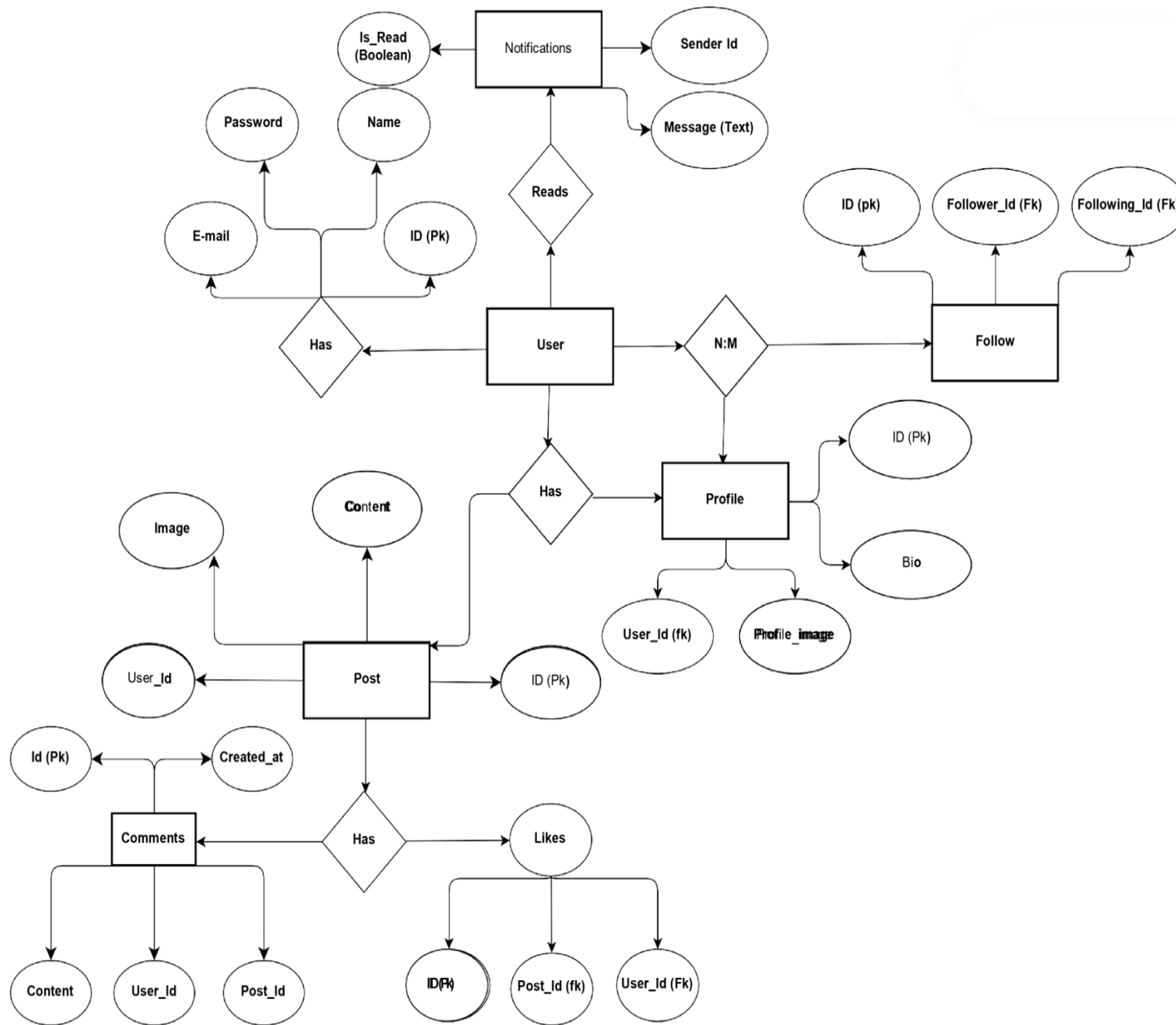
connections. Analysis of the newsfeed may involve evaluating the relevance and diversity of content, as well as the user interface and navigation.

- **Messaging:** Messaging is a key communication feature in social media websites, allowing users to connect with each other directly. Analysis of messaging may involve evaluating the ease of use and accessibility of messaging, as well as the security and privacy of user communications.
- **Groups and communities:** Groups and communities are another important feature of social media websites, providing users with a way to connect with others who share their interests or goals. Analysis of groups and communities may involve evaluating the size and activity level of groups, as well as the ease of joining and participating in groups.
- **Privacy and security:** Privacy and security features are essential for maintaining user trust and ensuring the safety of user data. Analysis of privacy and security features may involve evaluating the strength of user authentication, the effectiveness of data encryption, and the availability of privacy settings.
- **Advertising:** Advertising is a common revenue source for social media websites, but it can also affect the user experience. Analysis of advertising may involve evaluating the relevance and appropriateness of ads, as well as the impact of ads on website performance.

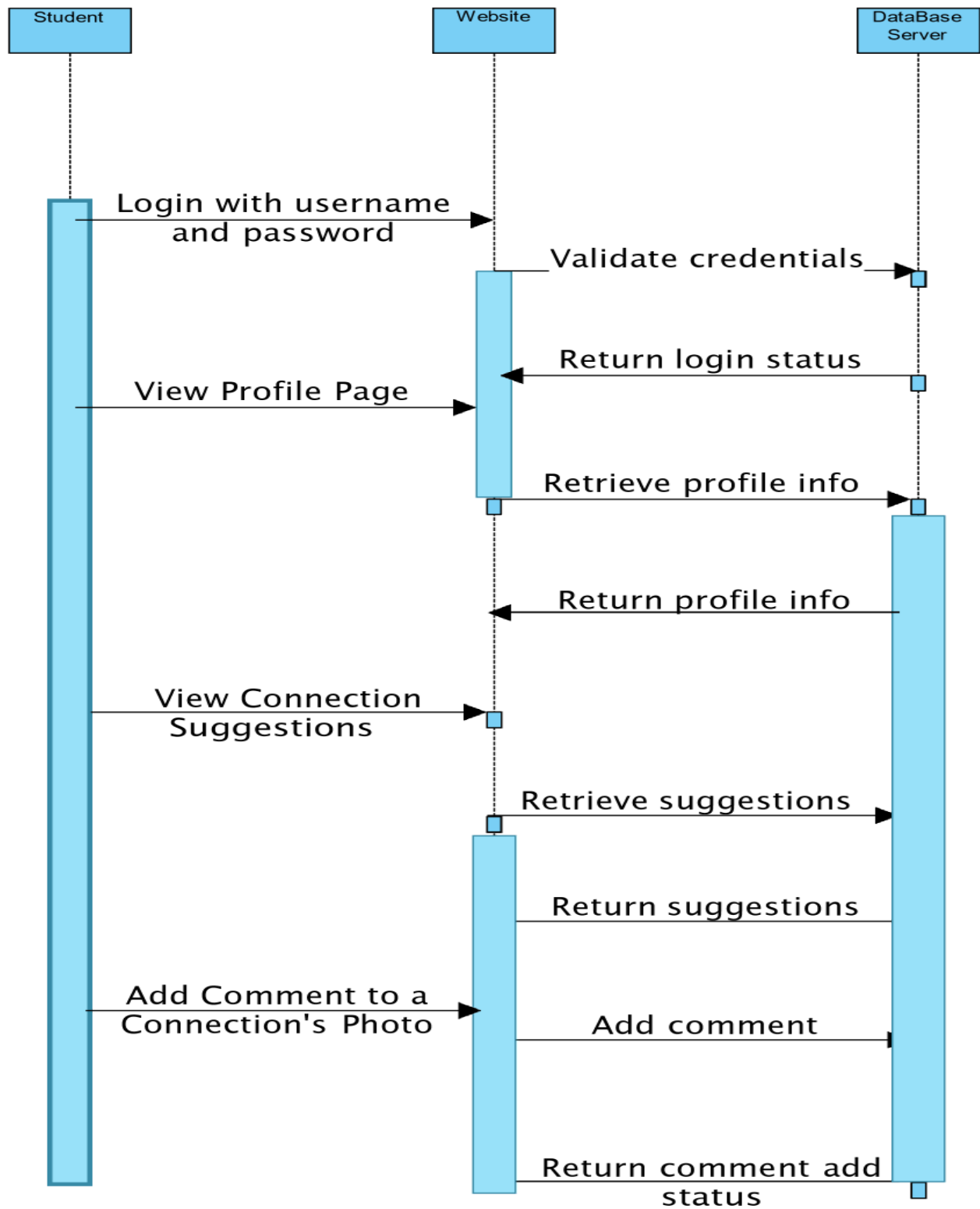
## **Finalization subject to constraints:**

- Technical constraints: This could include limitations on the functionality of certain software or hardware, or restrictions on the use of certain programming languages. To address these constraints, you may need to explore alternative solutions or workarounds, or consider investing in additional resources or expertise.
- Budget constraints: This could include limitations on the amount of funding available for the project. To address these constraints, you may need to prioritize certain features or functionalities, or explore alternative funding sources.
- Time constraints: This could include limitations on the amount of time available to complete the project, or restrictions on the project timeline due to external factors such as regulatory requirements. To address these constraints, you may need to adjust project timelines or allocate additional resources to speed up development.
- Regulatory constraints: This could include legal or ethical requirements related to data privacy, content moderation, or other aspects of the website's functionality. To address these constraints, you may need to invest in legal expertise or consult with regulatory bodies to ensure compliance.
- User feedback and testing: While not strictly a constraint, user feedback and testing can be an important factor in finalizing a social website project. To address feedback from users and testers, you may need to make adjustments to the website's functionality or design, or consider additional rounds of testing to ensure that the final product meets user needs.

### 3.4. Design Flow



### 3.5. Design selection

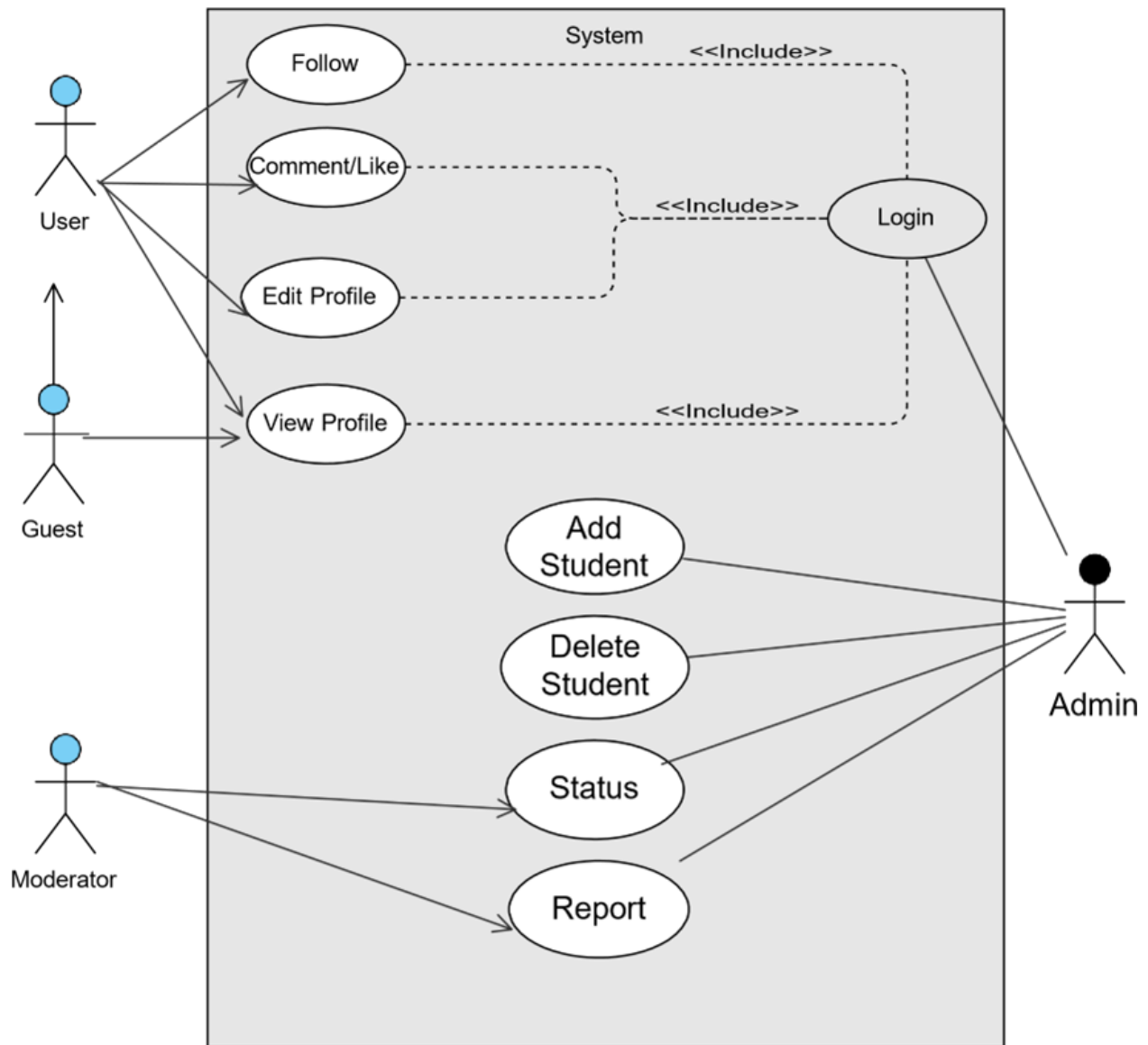


## **Factors on which design selection depends are- (best feasible approach)**

- **Purpose:** The design of the website should align with the website's purpose. For example, a social media website that is designed for business professionals may have a more professional and streamlined design, while a social media website designed for teenagers may have a more colorful and playful design.
- **Target audience:** The design of the website should appeal to the website's target audience. The website should be designed with the user experience in mind, ensuring that the design is intuitive and easy to use for the target audience.
- **Functionality:** The design of the website should support the website's functionality. For example, if the website includes a lot of multimedia content, the design should be optimized to display this content in an attractive and easy-to-navigate way.
- **Branding:** The design of the website should align with the website's branding. This includes the use of color schemes, fonts, and other design elements that are consistent with the website's overall branding strategy.
- **Accessibility:** The design of the website should be accessible to all users, including those with disabilities. This includes considerations such as the use of alt tags for images, captions for videos, and other accessibility features that make the website usable for all users.
- **Scalability:** The design of the website should be scalable, meaning that it can accommodate changes in the website's size or functionality over time. This includes considerations such as the use of responsive design, which ensures that the website is usable on a variety of devices and screen sizes.

### 3.6. Implementation Plan/ Methodology

#### Advantages/ disadvantages of best feasible approach



- Requirements gathering: Gather all the requirements for the social media website, including functional requirements (e.g., features, user roles, user flow) and non-functional requirements (e.g., performance, security,

scalability).

- **Planning:** Create a project plan that outlines the timeline, milestones, and resources required for the project. This should include the scope of the project, the estimated budget, and the roles and responsibilities of each team member.
- **Design:** Create wireframes, mockups, and prototypes to visualize the design of the social media website. Get feedback from stakeholders and users to refine the design.
- **Development:** Develop the website using the chosen technology stack and coding best practices. Test the website throughout the development process to catch bugs and ensure that the website is meeting the requirements.
- **Deployment:** Deploy the website to a server or cloud platform. Ensure that the website is set up for high availability, performance, and security.
- **Testing:** Perform user acceptance testing and other types of testing to ensure that the website is meeting the requirements and functioning as intended.
- **Maintenance:** Once the website is live, maintain it by fixing bugs, updating content, and adding new features as required. Monitor the website's performance and user feedback to identify areas for improvement.