

Insti Social (IS)

Team Details

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Problem statement

One Potential project is to develop a social media application that enables the connection of all members of an institute, Including students, alumni, faculty, and staff. This would require several steps such as defining the app's goals, identifying the target audience, designing the user interface, developing the app, testing it , and maintaining and uploading it .

Description

Developing a social media application that connects all members of an institute would require a structured approach. Here is a breakdown of the key steps that could be taken to achieve this goal:

1. Define the app's goals: The first step would be to define the goals and objectives of the social media application. This would involve deciding on the features that the app would offer, such as messaging, news feed, events calendar, profile management, and more. The goals of the app should align with the institute's values and mission.

2. **Identify the target audience:** Once the app's goals have been defined, the next step would be to identify the target audience. In this case, the target audience would be students, alumni, faculty, and staff of the institute. Understanding the needs and preferences of the target audience is critical to designing an effective social media application.
3. **Design the user interface:** The user interface of the app should be designed in a way that is intuitive and easy to use. The design should also be visually appealing and consistent with the institute's branding. This step would involve creating wireframes, user flow diagrams, and high-fidelity prototypes.
4. **Develop the app:** After designing the user interface, the app's development would begin. The development team would use programming languages and tools to build the application's features, database, and backend services. The app would be tested throughout the development process to ensure it is working as intended.
5. **Test the app:** Once the app has been developed, it would be tested to ensure it is stable, secure, and meets the institute's requirements. The app would be tested on different devices, platforms, and network conditions. Bugs and issues would be identified and fixed during this stage.
6. **Maintain and update the app:** Once the app is launched, it would require ongoing maintenance and updates. This would involve fixing bugs, adding new features, and improving the app's performance. User feedback would be used to identify areas that require improvement, and new features would be added based on user needs.

In summary, developing a social media application that connects all members of an institute would involve several steps, including defining the app's goals, identifying the target audience, designing the user interface, developing the app, testing it, and maintaining and updating it. With a structured approach and a talented team, it is possible to create an effective social media application that meets the needs of an institute's students, alumni, faculty, and staff.

Inspiration for your idea

During my first semester, I found it challenging to connect with other students and get to know them due to being at home. Even on Instagram (other social media app) it was difficult to identify students from my department and establish genuine connections. Making connections was time-consuming, and to minimize this process, I am thinking of developing an app that would enable students and alumni to connect, chat, and learn about each other. The app would have a feed system that would update users on campus events and happenings. Furthermore, the app would help IITB students secure internships while alumni could use the platform to hire it.

Where will you deploy this project on the campus?

Deploying this application for institute on campus requires careful consideration of various factors, including the institution's existing infrastructure, the target audience, and the application's functionality. Here are some deployment options:

1. *Cloud Hosting: This would allow the application to be accessed from anywhere with an internet connection, making it more accessible to students and alumni who may not be on campus. Additionally, Cloud hosting providers offer various tools and services for managing and maintaining applications, making it easier to keep the application up-to-date.*
2. *Campus network: This would ensure that the application is easily accessible to all members of the institute, including students, faculty, staff, and alumni. Moreover, deploying the application on the campus network would make it easier to maintain and update the application as needed.*
3. *Hybrid Deployment: Deploy the application on both the campus network and Cloud Hosting platform. This would provide the benefits of both options, allowing for easy access both on and off-campus while also leveraging the campus network's existing infrastructure.*

Ultimately, the deployment strategy will depend on the institute's specific needs and resources. It is important to consider factors such as security, scalability, accessibility, and ease of maintenance when deciding where to deploy this application.

Personal Learning

This project has the potential to significantly impact my personal growth and learning. It will provide us with valuable insights into personal development as we develop an app that could

transform the lives of students at IIT Bombay. We will learn how to build a community and create a successful enterprise, while also gaining extensive coding knowledge from our team members.

Through this project, we could potentially secure internships and job opportunities at top tech companies or even start our own social media app. Such accomplishments will be significant milestones in our future careers, and the project will also cultivate valuable entrepreneurial skills amongst IIT Bombay students, ultimately benefiting both us and them.

BUDGET

Item	Approximate cost	Link	Email ID
Google play Store Registration	24\$ approx. cost 2000 rupees	https://support.google.com/googleplay/android-developer/answer/6112435?hl=en#zippy=%2Cstep-pay-registration-fee	
Apple store membership and publicity	99\$ approx. cost 8000 rupees and 2000-2500 rupees	https://developer.apple.com/support/compare-memberships/	
Hosting platform	Approx 6000 rupees per month	https://www.hostinger.in/cloud-hosting?ppc_campaign=google_search_generic_hosting_all&bidkw=cloud%20hosting&lo=9062235&gclid=CjwKCAiAmJGgBhAZEiwA1	

		JZolvIWqWFPPt- iyWbSm1qk6CNW QhCh8QLnIDMI- 5s1B3oTfHx- tEpBBRoCK5AQA vD_BwE	
To develop an android app	Total approximate cost is ranging from 80K to 100K		