

Online faculty staff directory for multi-university.

UI/UX Design_IT314_Project_G9

Ruchika Amin-202101158

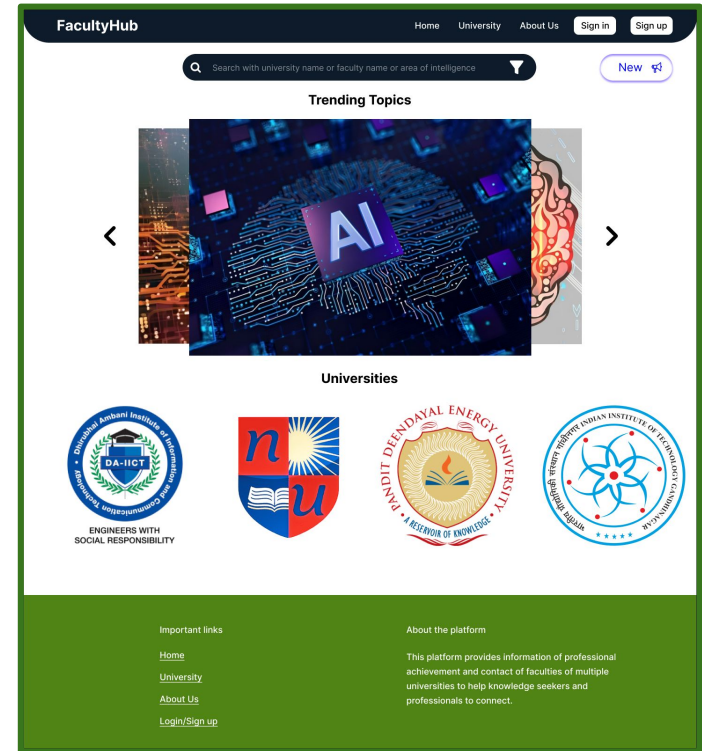
Jahnvee Patel-202101140



Project overview

FacultyHub :

Our project developed a user-friendly online faculty directory for multiple universities. This directory offers quick access to detailed faculty information to Users and provides efficient management tools for administrators. Key features include streamlined access, comprehensive faculty profiles, no registration requirements, and the opportunity for mentorship.



Project overview



The problem:

The Challenge was to bring information of faculties from different universities on a single platform providing Knowledge & Research enthusiast an opportunity to seek the mentors and professionals to connect with similar minds. As well as providing effective administrative tools for faculty data management.



The goal:

Our goal was to simplify access to comprehensive and reliable faculty information through a user-friendly online directory and effective administrative tools for data management.

Roles & Responsibilities



Our role:

lead UX designer

UX researcher

UI Designer

Interaction designer

UX writer



Responsibilities:

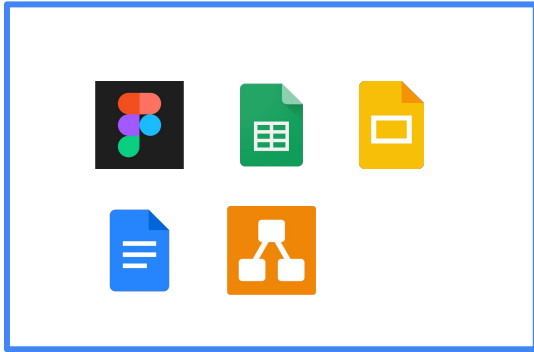
User research

Wireframing

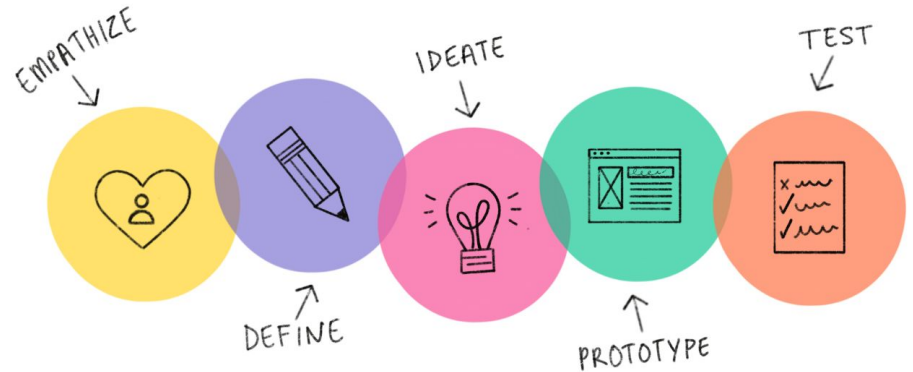
prototyping

Tools & Technologies

Tools:



Process:



Understanding the user

- User research
- Personas
- Problem statements

User research: pain points

1

Complex Navigation

Users found the navigation through the directory to be overly complex.

2

Limited Data Control

Administrators expressed frustration with tedious data entry work.

3

Security Concerns

Data security was a prominent concern among both Users and administrators.

4

Registration Hassles

The requirement to register in order to access the system discouraged users.

Persona-I :Alrin



ALRIN

Name: Alrin Johnson

Age: 25

Education: Bachelor's in Business Administration

Hometown: Gujarat, India

Occupation: Marketing Coordinator

"Simplicity is key in my busy life, I need quick access to faculty details for my research."

Goals

- Alrin aims to excel in his marketing career and requires efficient access to faculty expertise for market research.
- He seeks to pursue a part-time MBA program, making access to faculty profiles vital for his educational choices.

Frustrations

- Complicated navigation within the faculty directory impedes his ability to quickly find relevant information.
- The need for registration to access the directory adds unnecessary hassle to his busy schedule

"As a marketing professional and student from Gujarat, I want the faculty directory to offer a user-friendly interface for easy access to faculty details so that I can efficiently gather information for my market research and educational decisions."

Persona-II :John



John

Name: John

Age: 35

Education: Master's in Education Management

Hometown: New York, USA

Occupation: College Administrator

"Efficient data management is crucial in my role as an administrator."

Goals

- John's primary goal is to ensure smooth administrative processes at the college.
- He aims to maintain an up-to-date and accurate faculty directory to assist Users and faculty effectively.

Frustrations

- Complicated data management systems impede his ability to efficiently update and manage faculty information.
- He seeks a user-friendly solution that doesn't require extensive technical knowledge.

"As a college administrator, I want the faculty directory to provide efficient data management tools and a straightforward interface to easily update and manage faculty details, ensuring that our college operates smoothly."

HCI Principles

HCI Principles

Principle 1: Equitable Use

Principle 2: Flexibility in Use

Principle 3: Simple and Intuitive Use

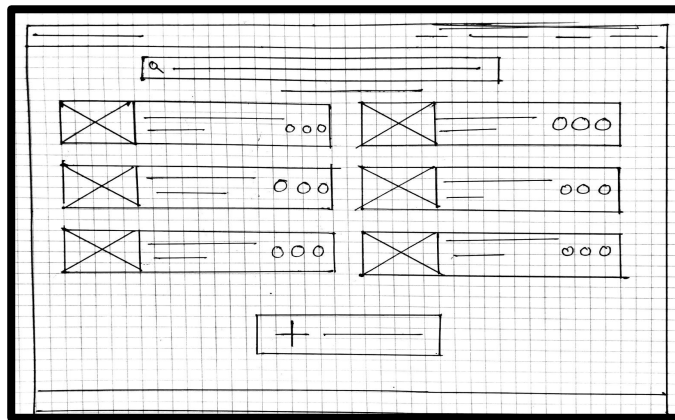
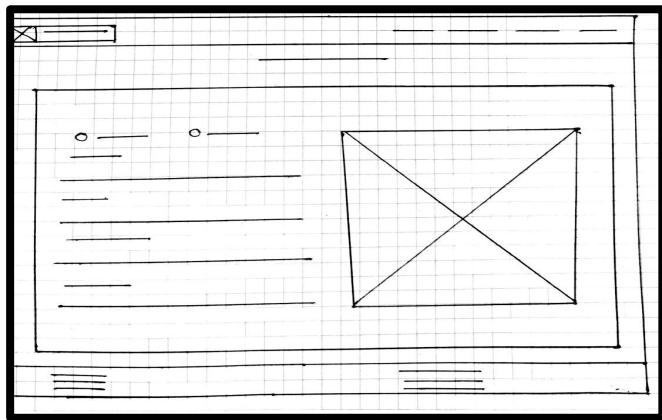
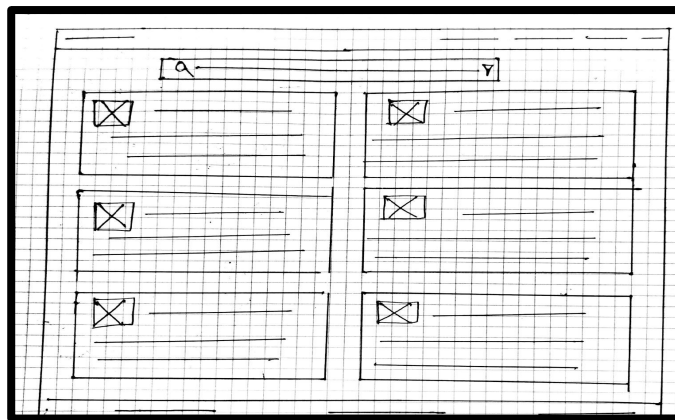
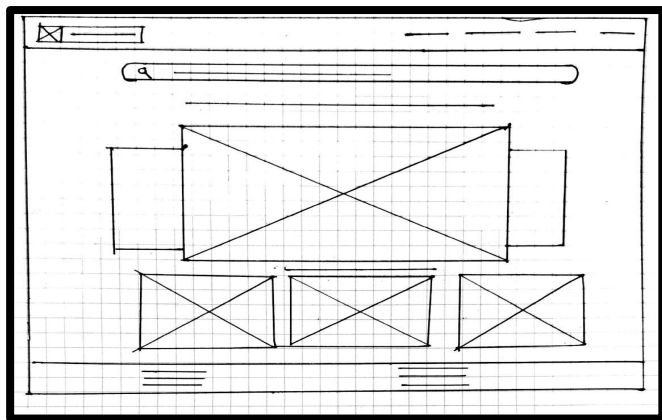
Principle 4: Perceptible Information

Principle 5: Tolerance for Error

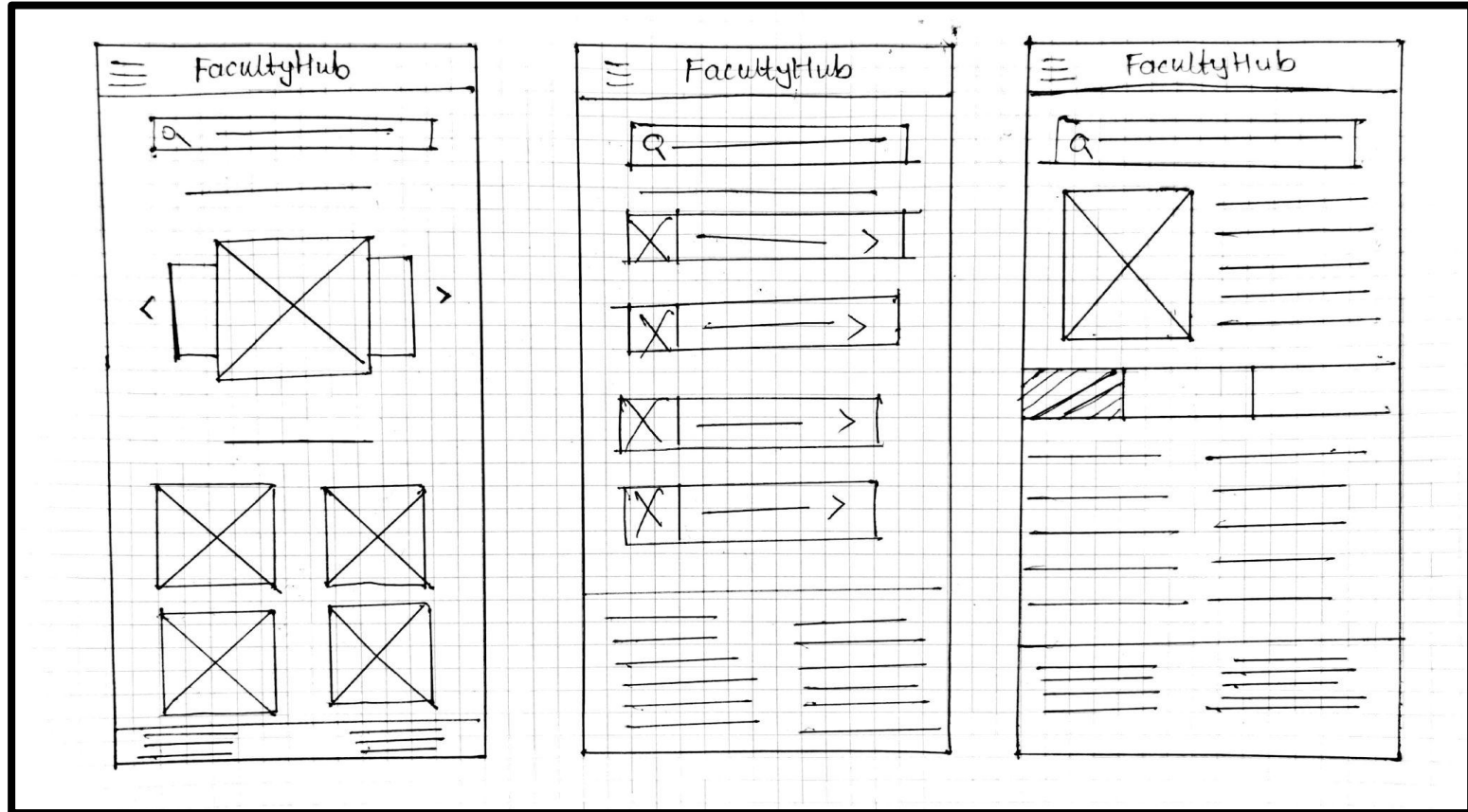
Principle 6: Low Physical Effort

Principle 7: Size and Space for Approach and Use

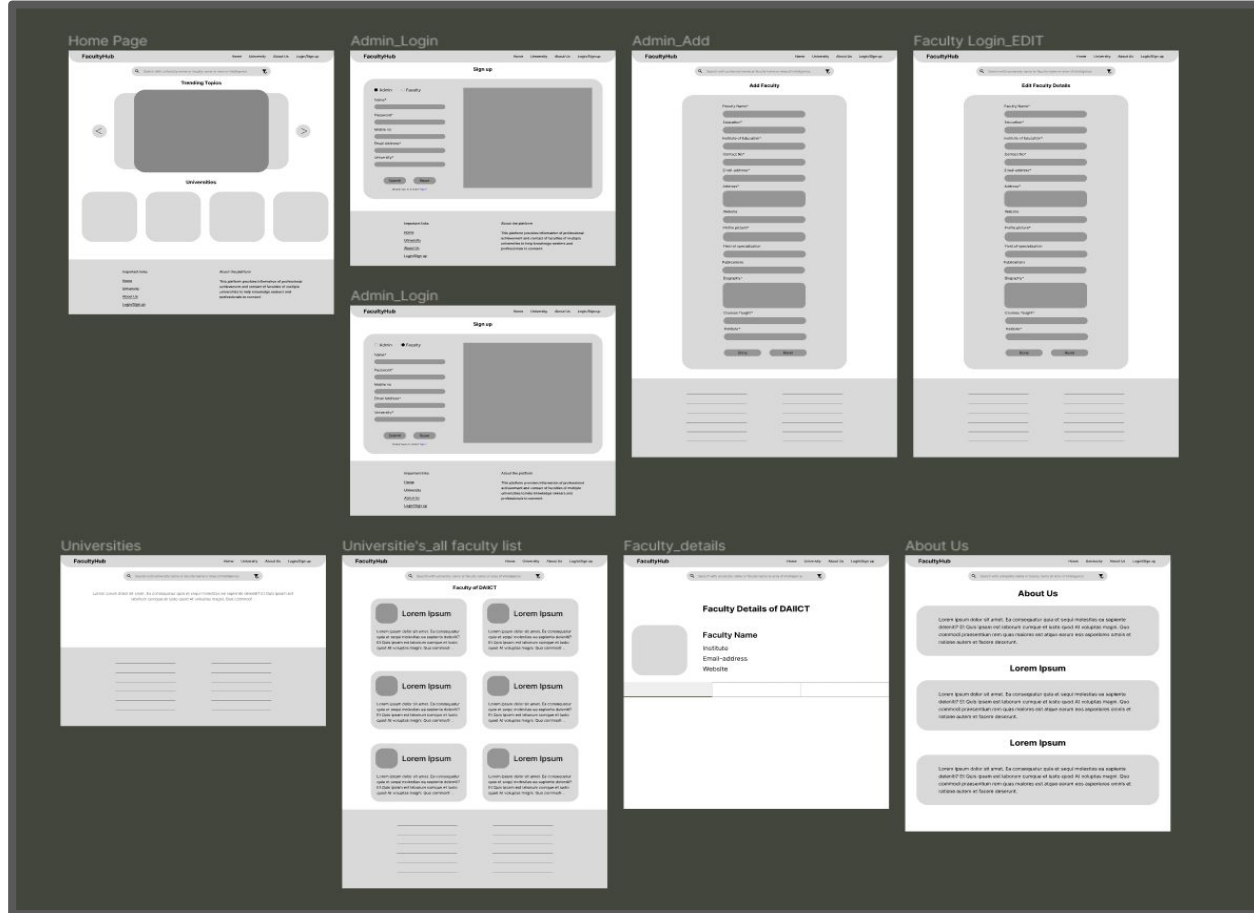
Paper wireframes for desktop Screen



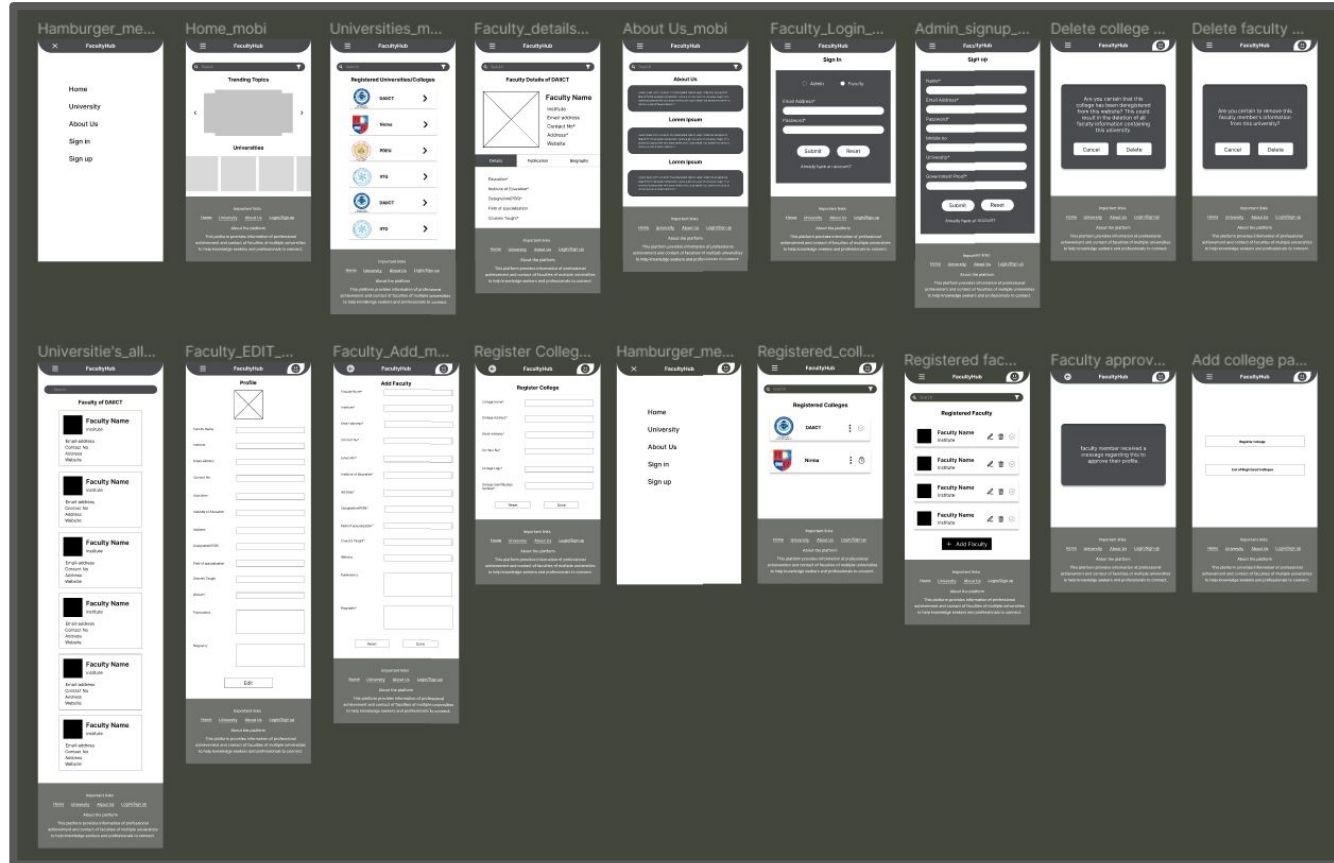
Paper wireframes for Mobile Screen



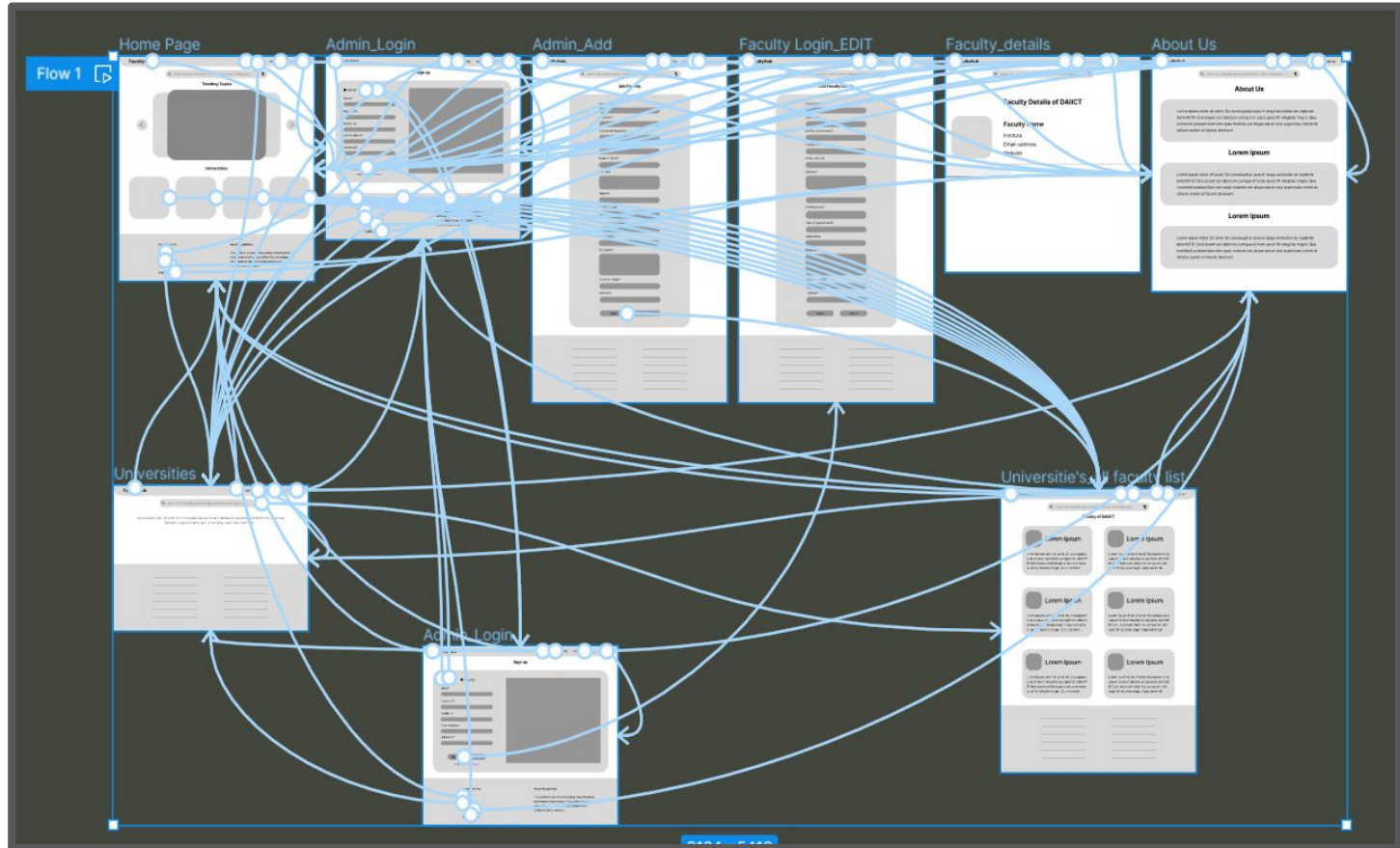
Low-fidelity wireframes for Desktop Screen



Low-fidelity wireframes for Mobile Screen



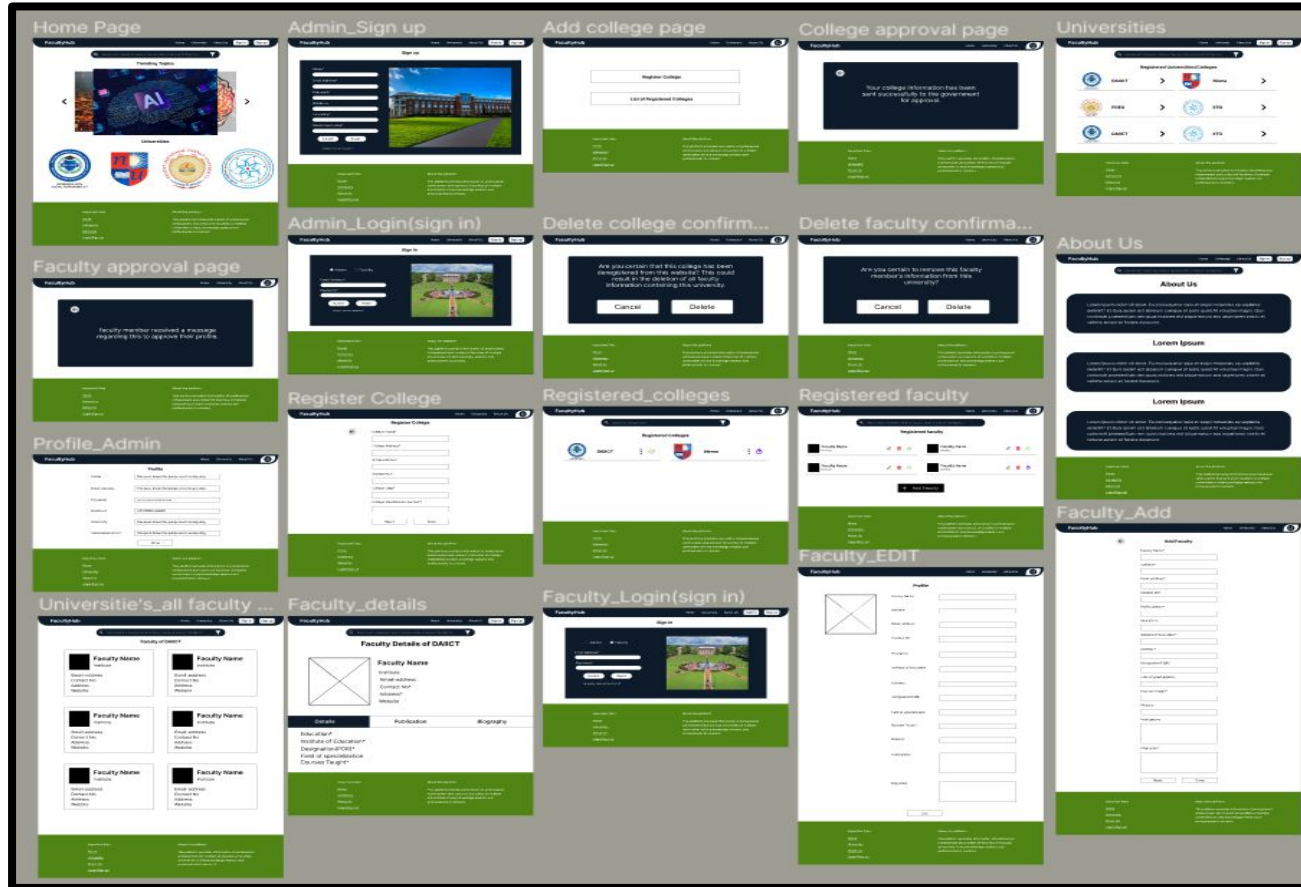
Low-fidelity Prototype for Desktop Screen



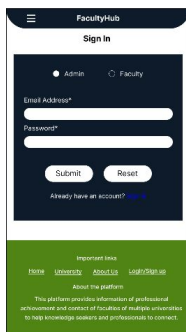
Refining the design

- Mockups
- High-fidelity prototype
- Accessibility

High-fidelity wireframes for Desktop Screen



High-fidelity wireframes for Mobile Screen



FacultyHub

Sign In

Admin Faculty

Email Address*

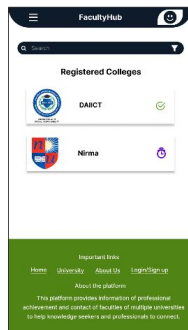
Password*

Submit Reset

Already have an account? [Log In](#)

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About the platform
 This platform provides information of professional achievement and contact of faculties of multiple universities to help knowledge seekers and professionals to connect.



FacultyHub

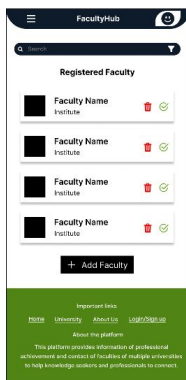
Registered Colleges

DAICT

Nirma

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FacultyHub

Registered Faculty

Faculty Name
Institute

Faculty Name
Institute

Faculty Name
Institute

Faculty Name
Institute

+ Add Faculty

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Universities

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FacultyHub

Faculty Details of DAICT

Faculty Name
Institute
Email address
Contact No*
Address*
Website

Details Publication Biography

Educator*
Institute of Education*
Designation/POB*
Field of specialization
Courses Taught*

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FacultyHub

Add Faculty

Faculty Name*

Institute*

Email address*

Contact No*

Address*

Website*

Institute of Education*

Designation/POB*

Field of specialization*

Courses Taught*

Website

Publications

Biography*

Reset Done

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High-fidelity Prototype for Desktop Screen



Usability study: Questionnaire

Prompt 1: Start the FacultyHub app on your Desktop and create then look for the most search universities.

follow up 1: Were you able to navigate through the app to do so?

follow up 2: Would you like to share any feedback or suggestions?

Prompt 2: Go to the university option and search for the university and apply some filter of your choice.

follow up 1: Were you able to navigate through the app to do so?

follow up 2: Any feedback so far? Anything you'd like to change?

Prompt 3: Now click on the faculty detail dialogue box to get more info.

follow up 1: Was it easy to do so?

follow up 2: How do you feel about the feature?

Prompt 4: If the selected faculty has any internship or project available then checkout details.

follow up 1: Was it easy to do so?

follow up 2: "Is there anything that you find unsatisfactory and would like to change?"

01- Sakshi Patadiya

02- Dhruti Patel

Takeaways

What we learned?

Providing optimal user experience is vital. We can achieve this by empathizing with our users and gaining valuable insights into their perspectives, needs, and desires. By utilizing this knowledge, we can design and deliver solutions that exceed their expectations and leave them delighted. It is also important to work with time constraints in the industry.

next-steps

An medium to provide better communication within app could be added.

A feature that can help users collaborate on work within app.

THANK YOU!

- HOW WAS YOUR OVERALL EXPERIENCE WITH WEB(0-5)
- How likely you would recommend this site to your peers
- How likely you would visit this site
- How satisfying was this experience regarding your expectations from this site.
- What would you expect from this site in future regarding experience?
- What would you like to have as new/add on feature on this site?