Project Proposal

01286233 Web Programming

Software Engineering Program

Faculty of Engineering, KMITL

By

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Project Description:

Introduction:

In today's digital world, having an online presence is crucial for sharing information and connecting with students. This proposal outlines our plan to create a user-friendly website that serves as a central resource hub for our Software Engineering program at King Mongkut's Institute of Technology Latkrabang.

Objective:

Our objective is to create a user-friendly website that informs prospective students about our Software Engineering program, assists current students in their academic journey, and fosters a sense of community within the program.

Features:

Home (SE logo)

- Overview(SE)
- Career Opportunities
- FAQ

Program

- SE/ SE 2022
- KMITL-Glasgow Double Degree/Queens
- Exchange Program
- Internship
- Instructors (pic/position/degrees/contacts)

Admission

- Admission rounds
- Requirements
- Academic resources (course outline/policies)

Forum

- Forum

News

- Events
- News & Announcements
- SE student life/ Activities

Navigation bar

- SE logo (Home)
- Program
- Admission
- Forum
- News
- FAQ
- Search
- Login

Footer

- Contact form (feedback submission/inquiry)
- Contact information
- Apply Now

Functions:

- Search bar
- Log in(guest/student)
- Profile
- “Apply Now” button at the bottom of the page which linked to official reg.kmitl admission page
- Interactive Discussion Forum

Technical Stack

Python Back-End: Handle requests, process data, and generate dynamic content using Python and a web framework. (FastAPI)

JSON Database/ ZODB: To store and retrieve data in a JSON format, and other Python's built-in JSON libraries for data manipulation.

HTML: To create the structure and content of web pages.

CSS: To style web pages for a modern and responsive design.

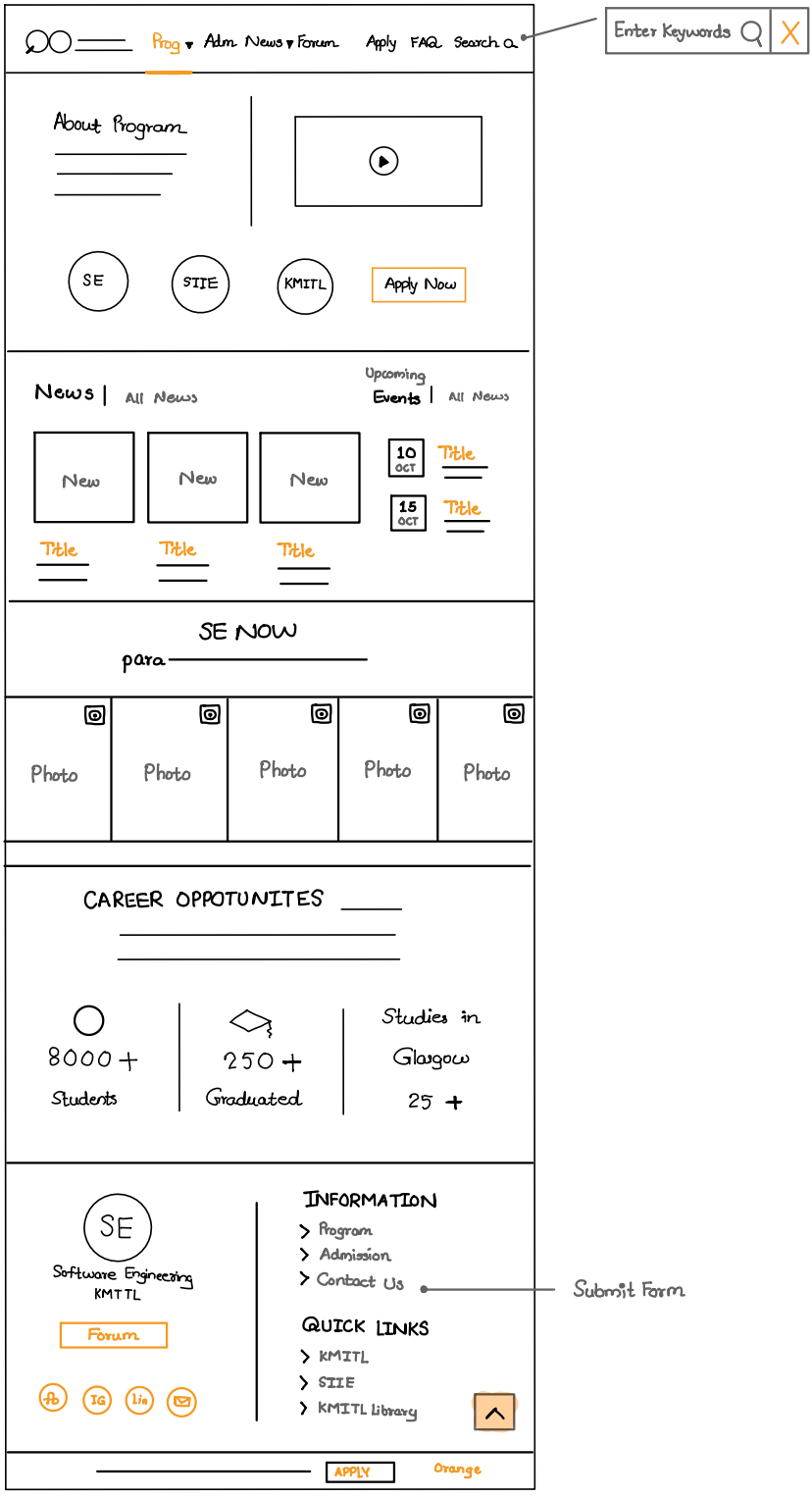
Vanilla JavaScript: To add client-side interactivity where needed.

Conclusion:

In conclusion, the development of this Software Engineering program website represents a significant step towards enhancing our program's visibility, accessibility, and overall effectiveness. With a user-centric approach, we aim to provide a valuable resource for both prospective and current students, enabling seamless communication, academic planning, and community building.

Design Preview

Home Page


Prog
Adm
News
Forum
Apply
FAQ
Search
Enter Keywords
About Program
SE
SIIE
KMITL
Apply Now
News | All News
Upcoming Events | All News
New
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10 OCT
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15 OCT
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Title
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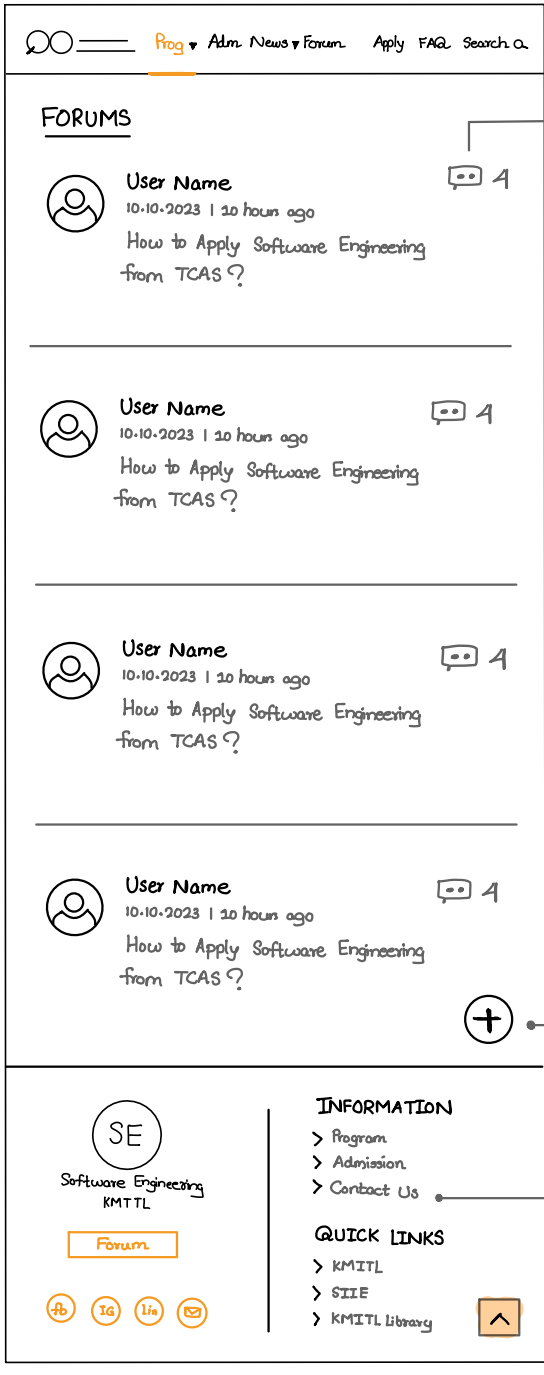
CAREER OPPOTUNITES
8000 +
Students
250 +
Graduated
Studies in Glasgow
25 +
SE
Software Engineering
KMITL
Forum
INFORMATION
Program
Admission
Contact Us
Submit Form
QUICK LINKS
KMITL
SIIE
KMITL Library
APPLY
Orange

Forum Page


Prog
Adm
News
Forum
Apply
FAQ
Search
FORUMS
User Name
10.10.2023 | 10 hours ago
How to Apply Software Engineering from TCAS?
4
User Name
10.10.2023 | 10 hours ago
How to Apply Software Engineering from TCAS?
4
User Name
10.10.2023 | 10 hours ago
How to Apply Software Engineering from TCAS?
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How to Apply Software Engineering from TCAS?
4
Create New Post
SE
Software Engineering
KMITL
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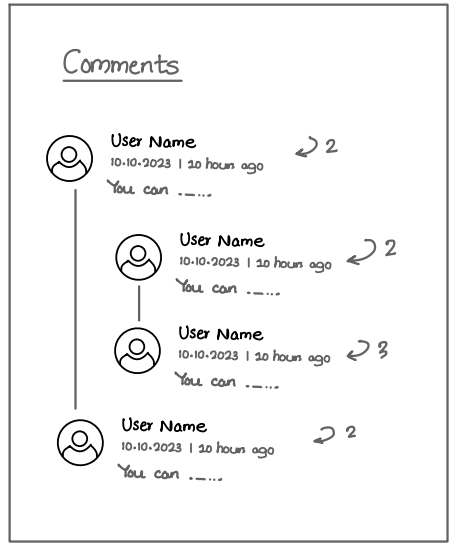
Admission
Contact Us
Submit Form
QUICK LINKS
KMITL
SIIE
KMITL Library


Comments
User Name
10.10.2023 | 10 hours ago
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2
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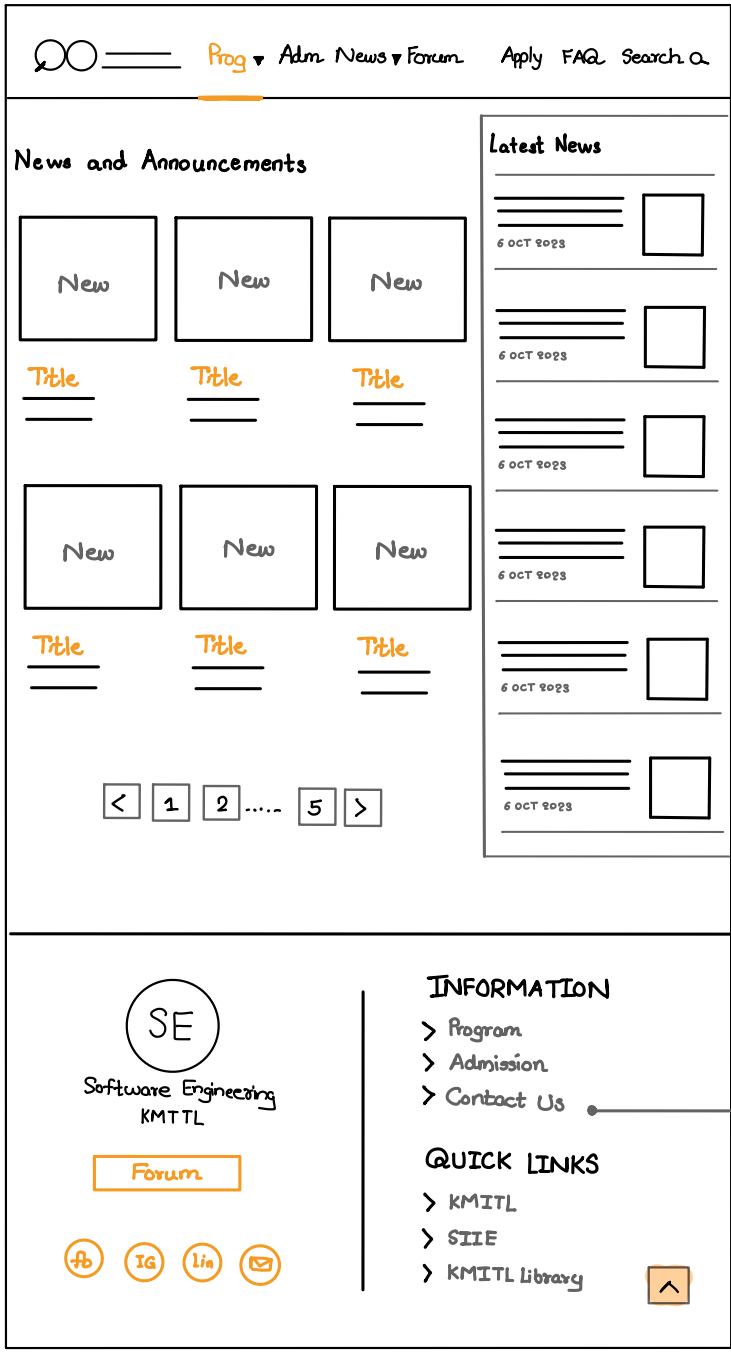
2

News Page


Prog
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News
Forum
Apply
FAQ
Search
News and Announcements
New
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< 1 2 ..... 5 >
Latest News
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6 OCT 2023
6 OCT 2023
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6 OCT 2023
SE
Software Engineering
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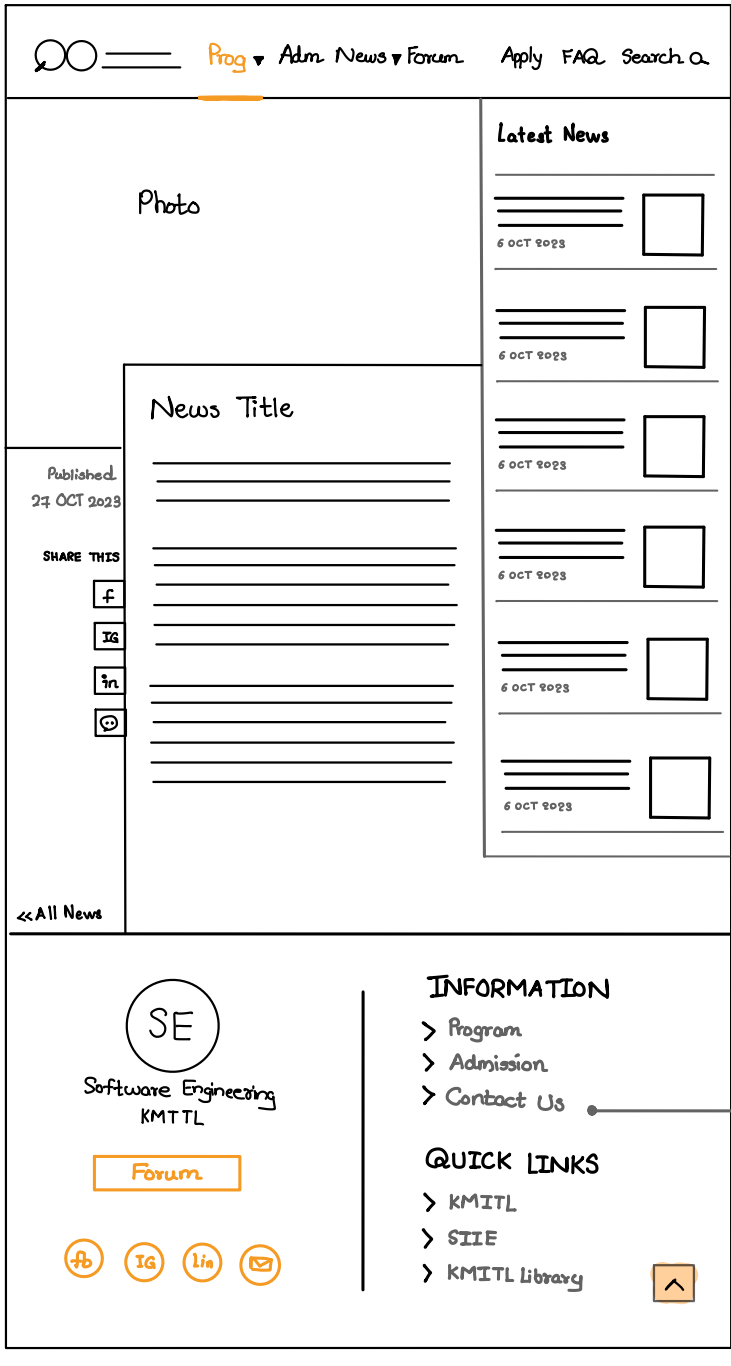
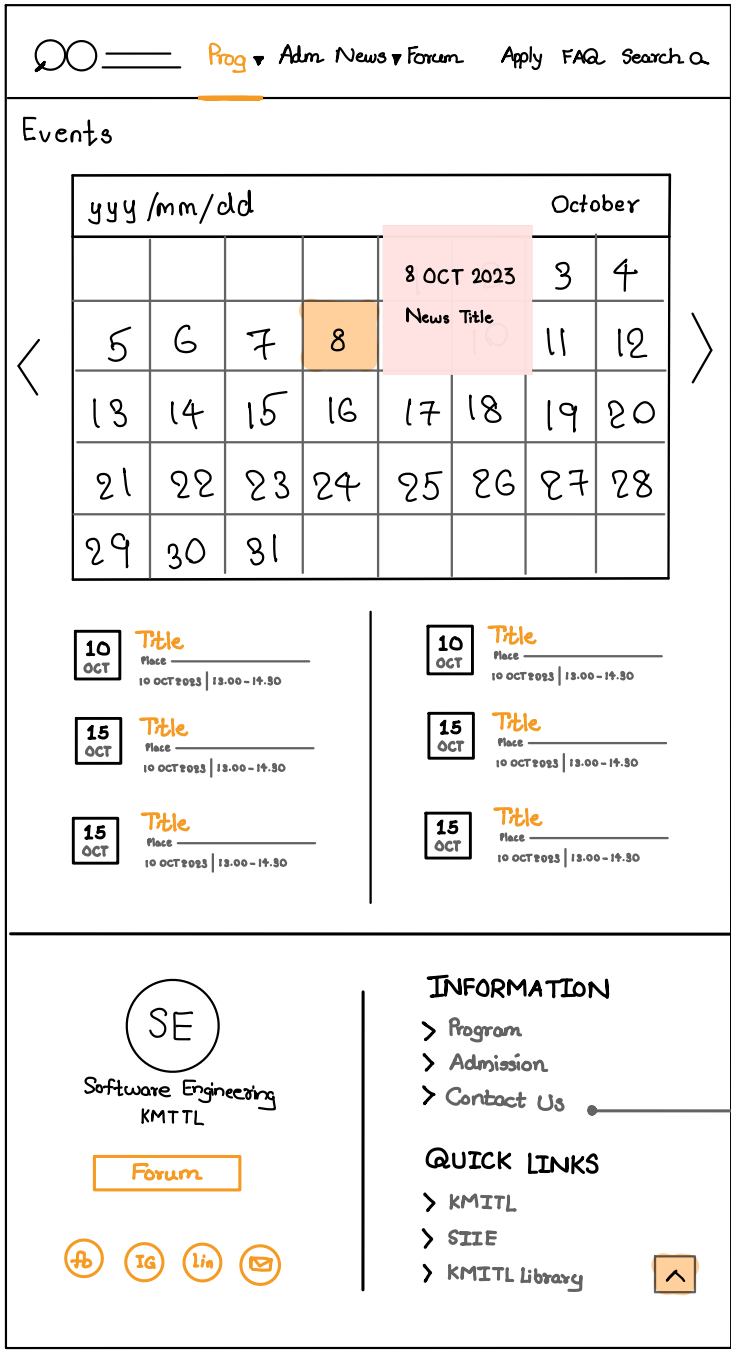
Program
Admission
Contact Us
Submit Form
QUICK LINKS
KMITL
SIIE
KMITL Library

News Page (Individual)



Events Page


Prog
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News
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Events
yyy /mm/dd
October
8 OCT 2023
News Title
10 OCT Title Place 10 OCT 2023 | 13.00 - 14.30
15 OCT Title Place 10 OCT 2023 | 13.00 - 14.30
15 OCT Title Place 10 OCT 2023 | 13.00 - 14.30
10 OCT Title Place 10 OCT 2023 | 13.00 - 14.30
15 OCT Title Place 10 OCT 2023 | 13.00 - 14.30
15 OCT Title Place 10 OCT 2023 | 13.00 - 14.30
SE
Software Engineering
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QUICK LINKS
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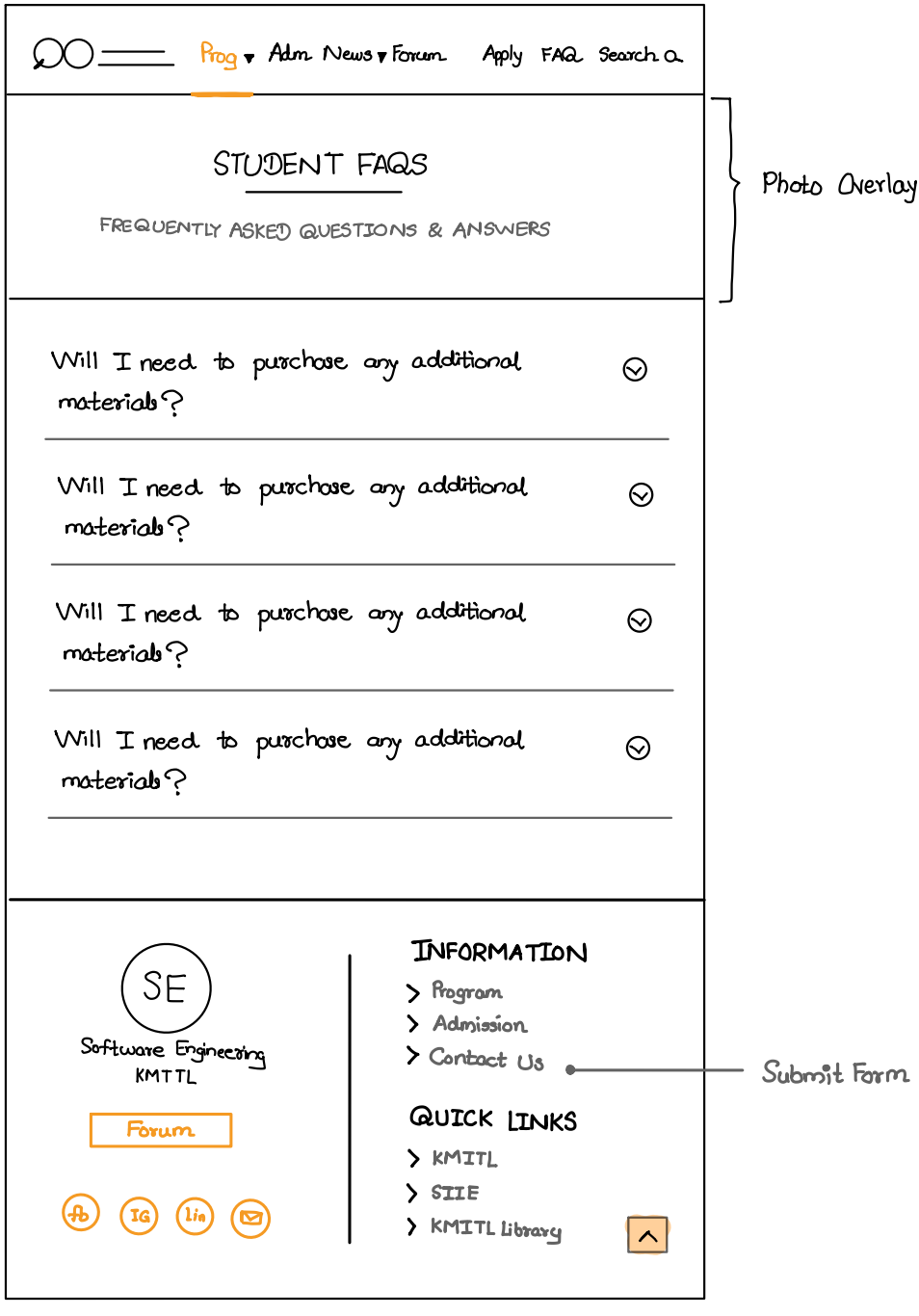
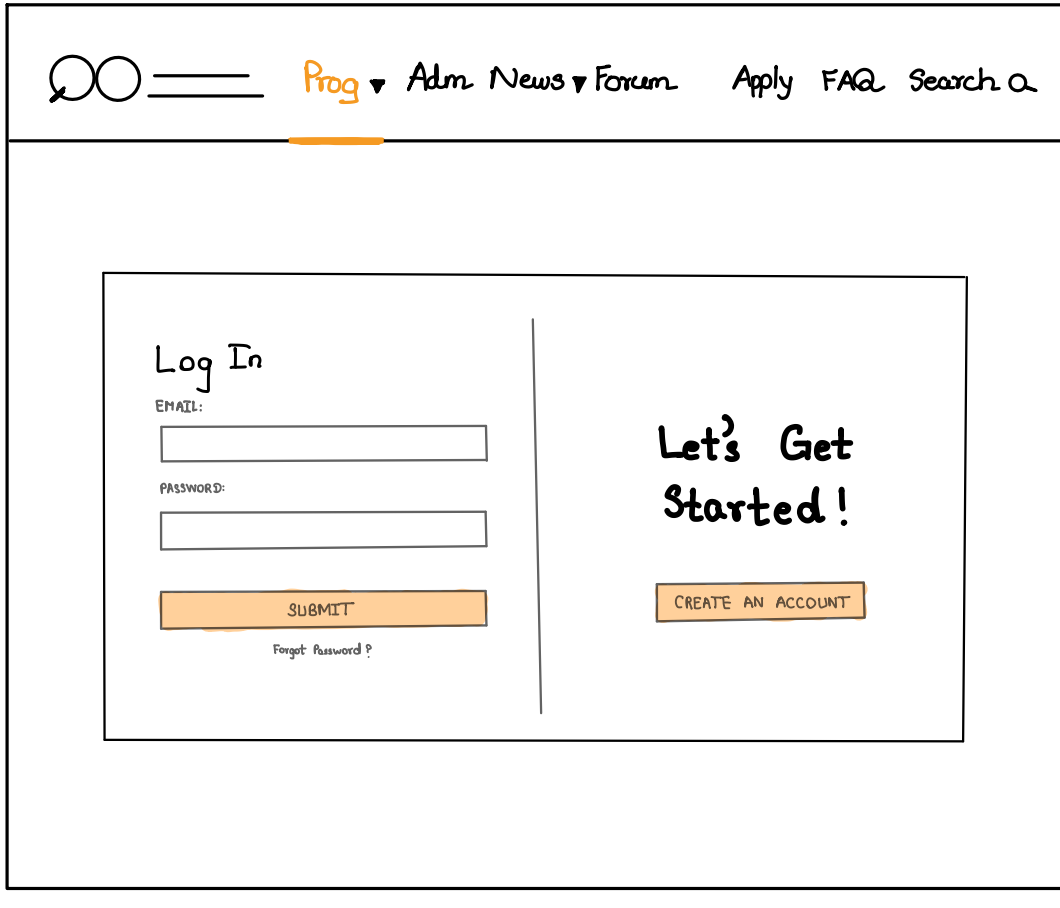
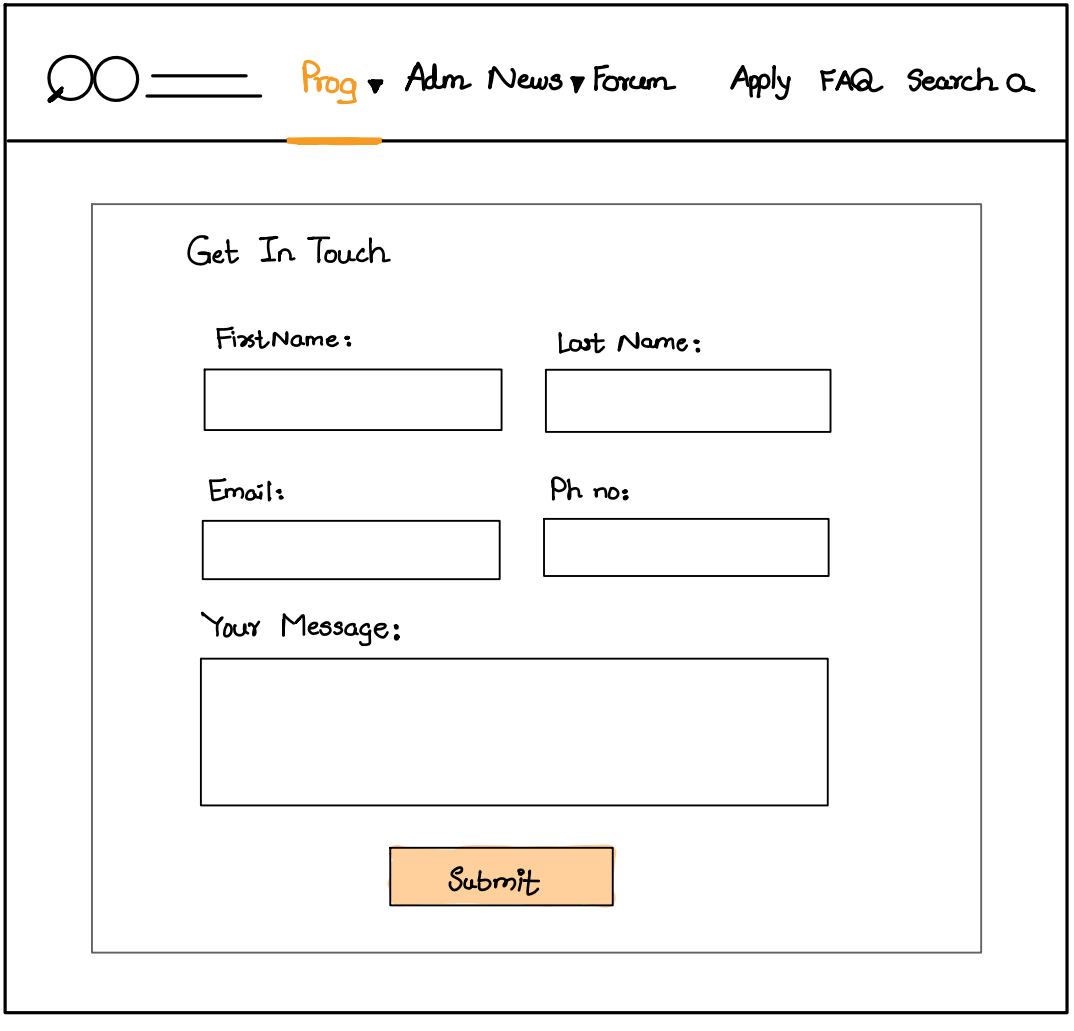
KMITL Library

FAQ Page


Prog
Adm
News
Forum
Apply
FAQ
Search
STUDENT FAQS
FREQUENTLY ASKED QUESTIONS & ANSWERS
Photo Overlay
Will I need to purchase any additional materials?
Will I need to purchase any additional materials?
Will I need to purchase any additional materials?
Will I need to purchase any additional materials?
SE
Software Engineering
KMTTL
Forum
INFORMATION
Program
Admission
Contact Us
Submit Form
QUICK LINKS
KMITL
SIIE
KMITL Library

Apply Now Page



Contact Form