



INTERNATIONAL INSTITUTE OF
INFORMATION TECHNOLOGY

HYDERABAD

RE-DESIGNING INTRANET

Client: Lalitha L R, IT OFFICE, IIIT -H

Aviral Malhotra

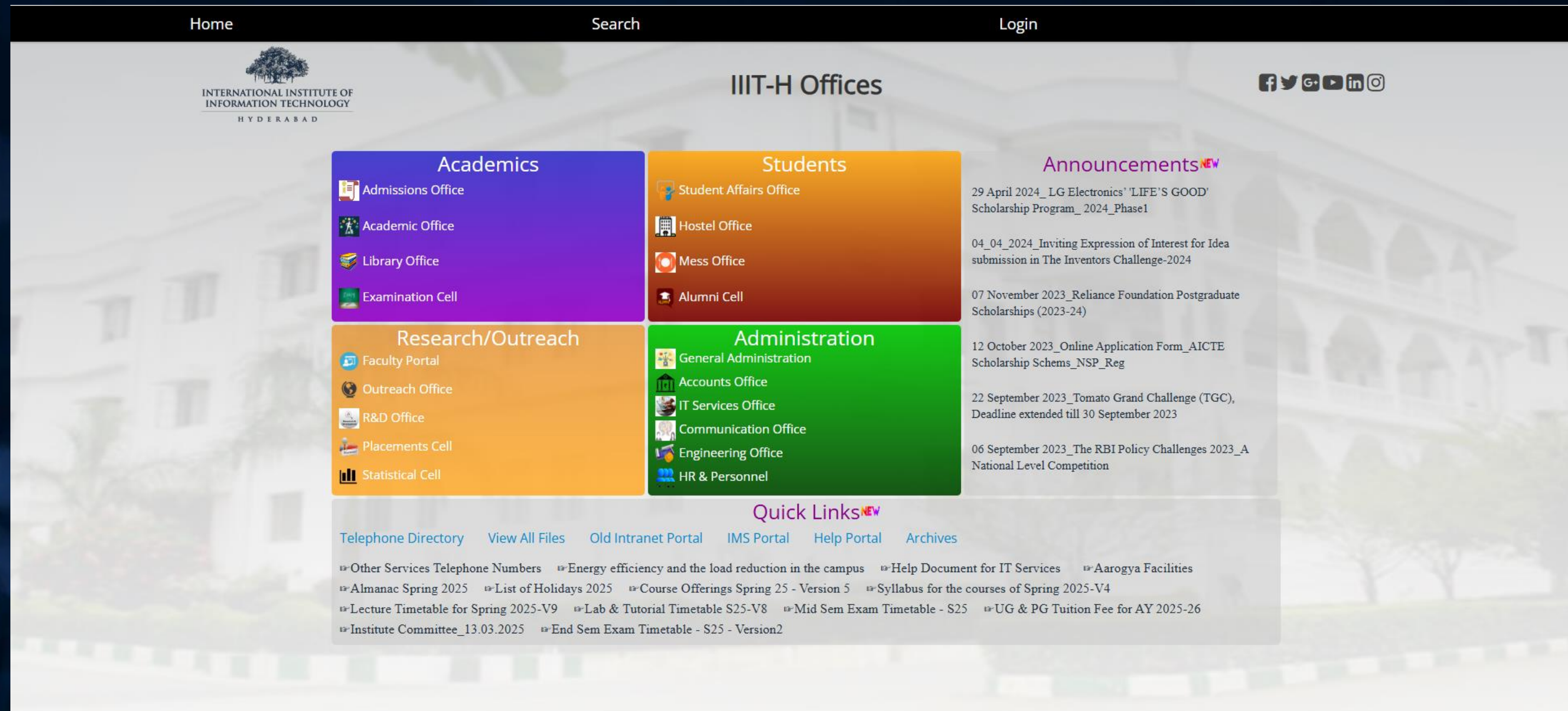
Nilanjana De

Shravani K.

Siddharth Mago

Vanshika Ahlawat

Current Implementation



PROBLEMS:

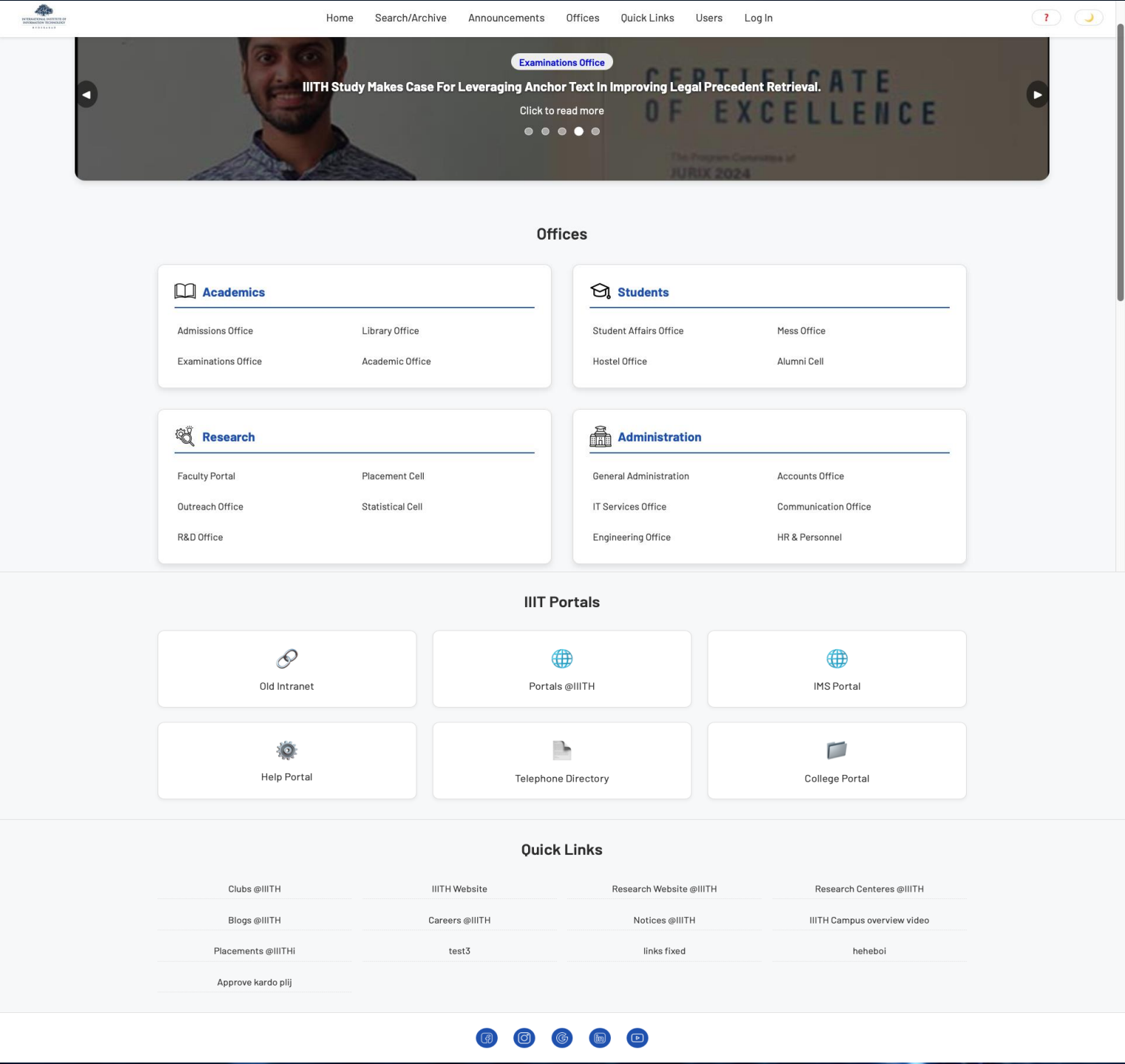
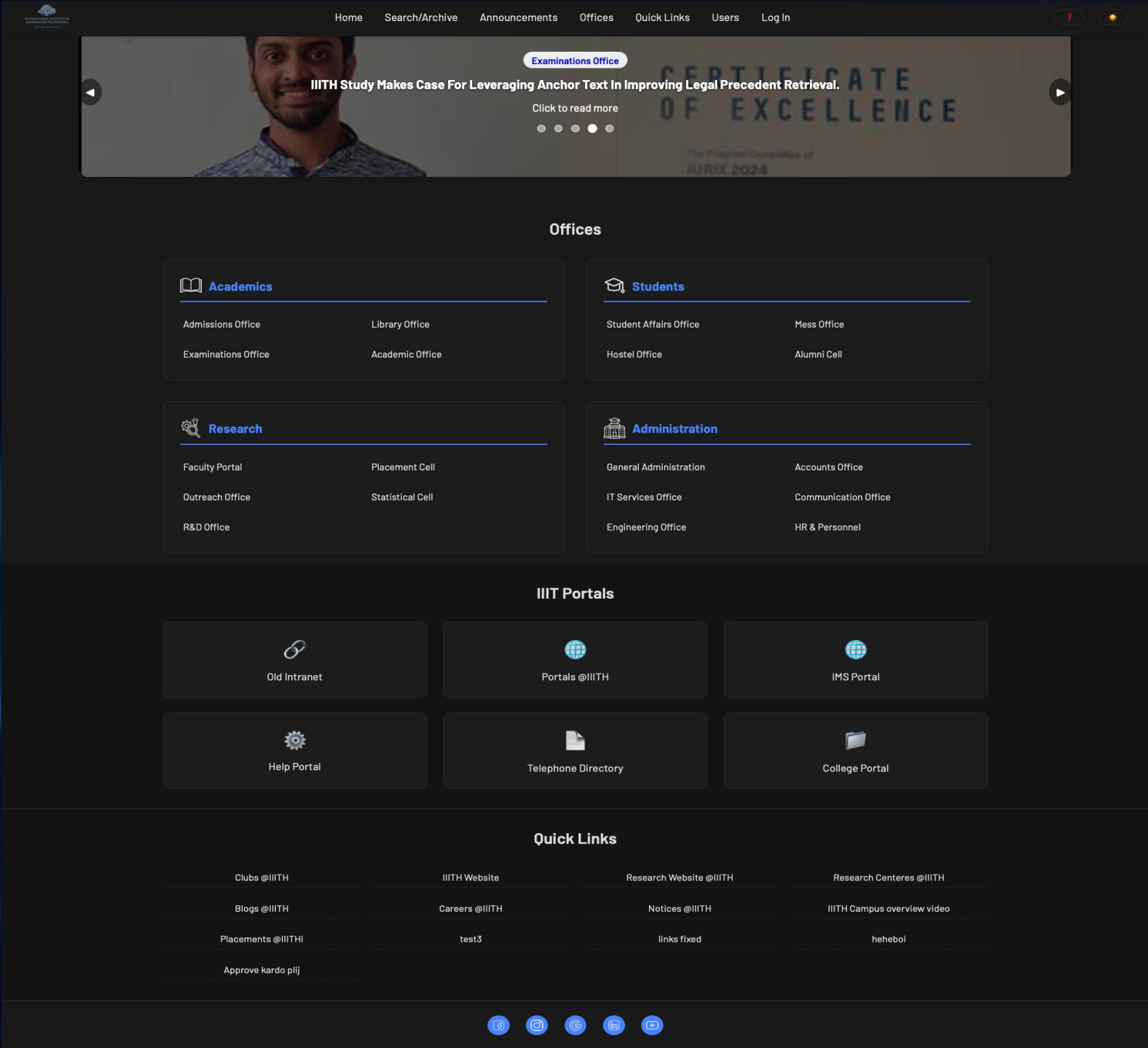
1. Outdated UI/UX Design

- Cluttered layout with too many colors and box types.
- No visual hierarchy—everything competes for attention.
- Hard to find information quickly.

2. No Light-Dark Mode customisation

only single preset defined light mode.
Unpleasant colour scheme and design.

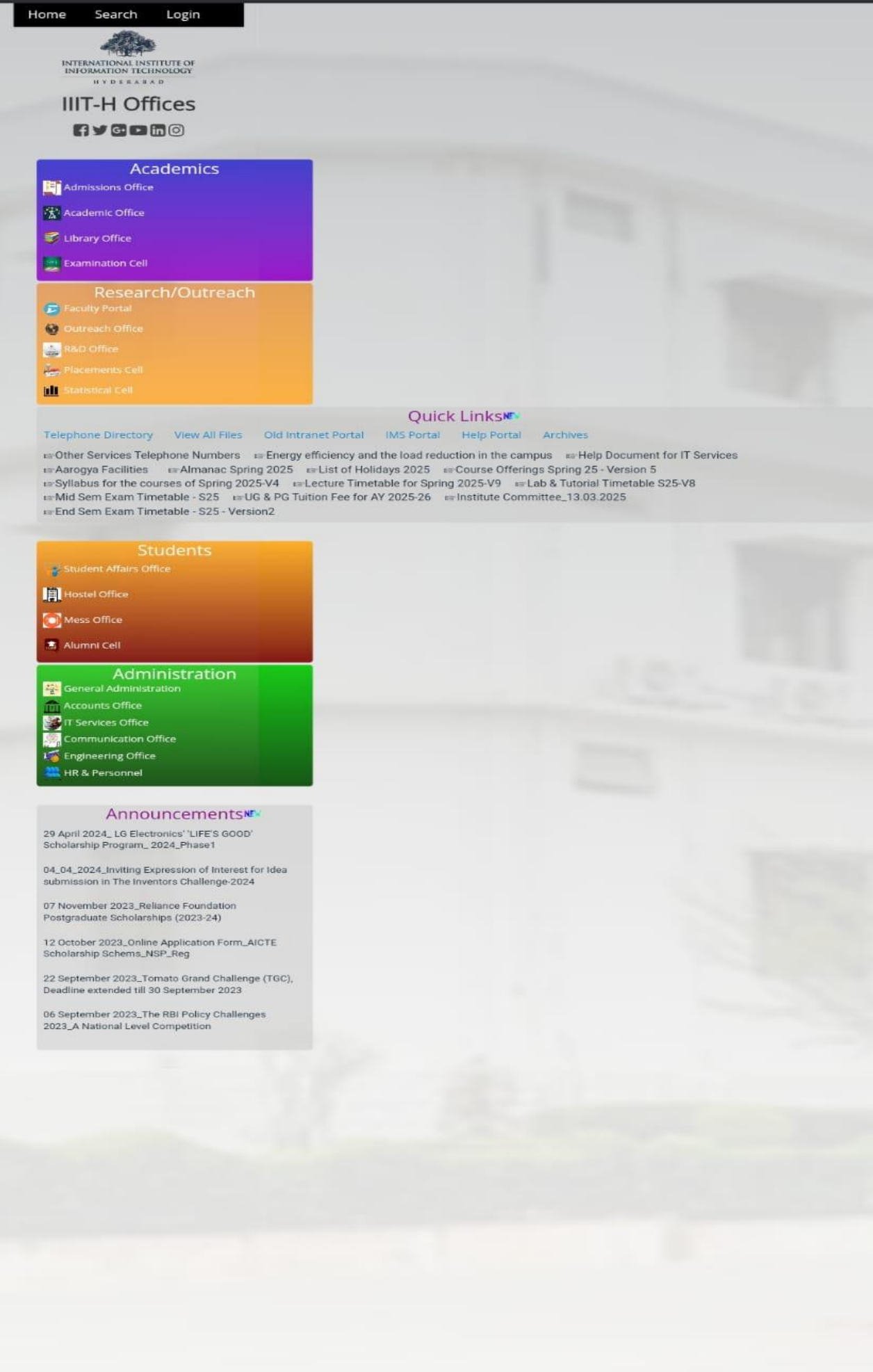
Our Implementation



SOLUTION:

- Clean, Organized Layout with interactive UI/UX
- Announcement carousel
 - Clear defined sections
 - Buttons to replace unintuitive text links.

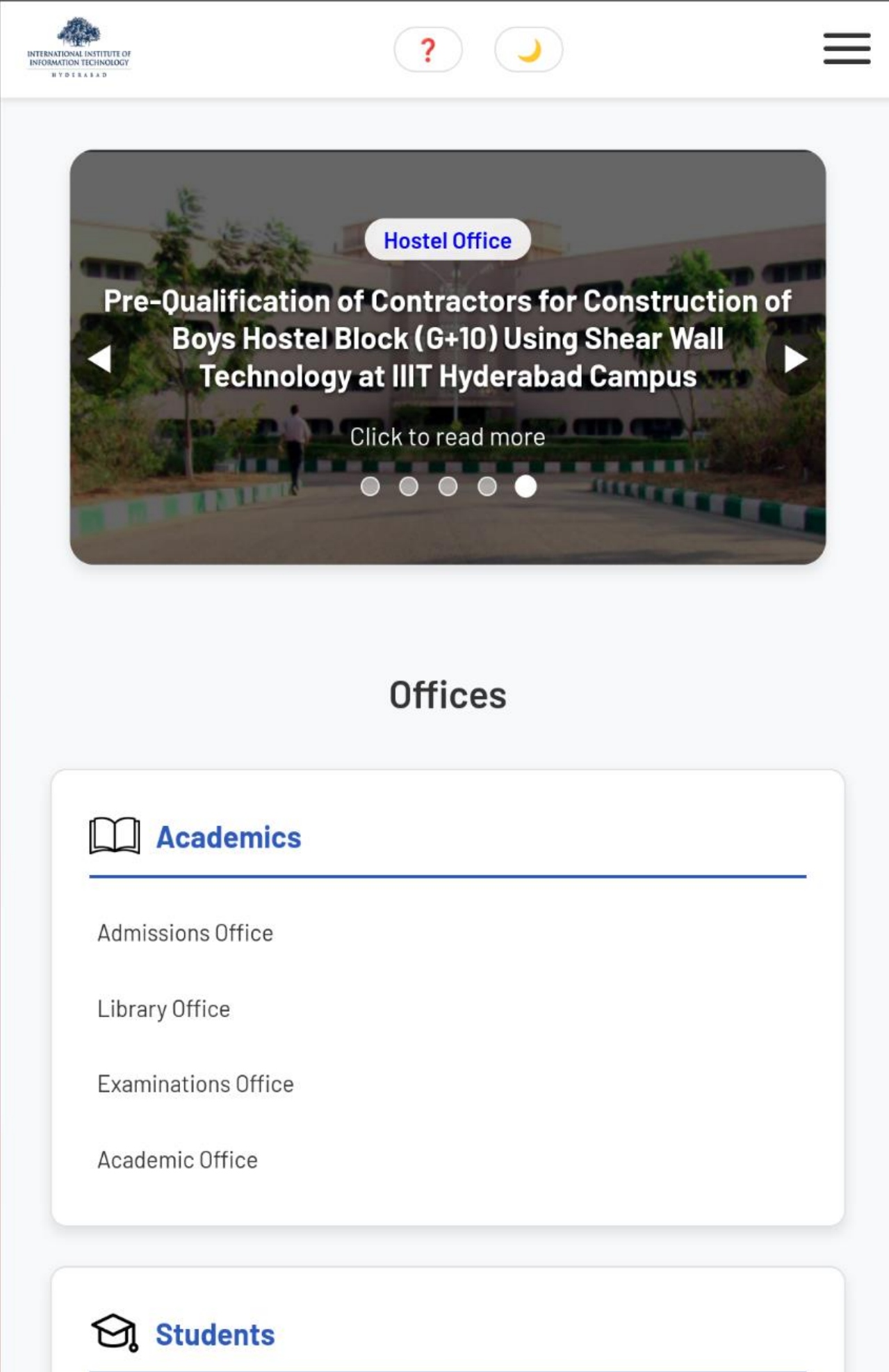
Light mode and Dark mode views based on user preference. Consistent layout in both views.

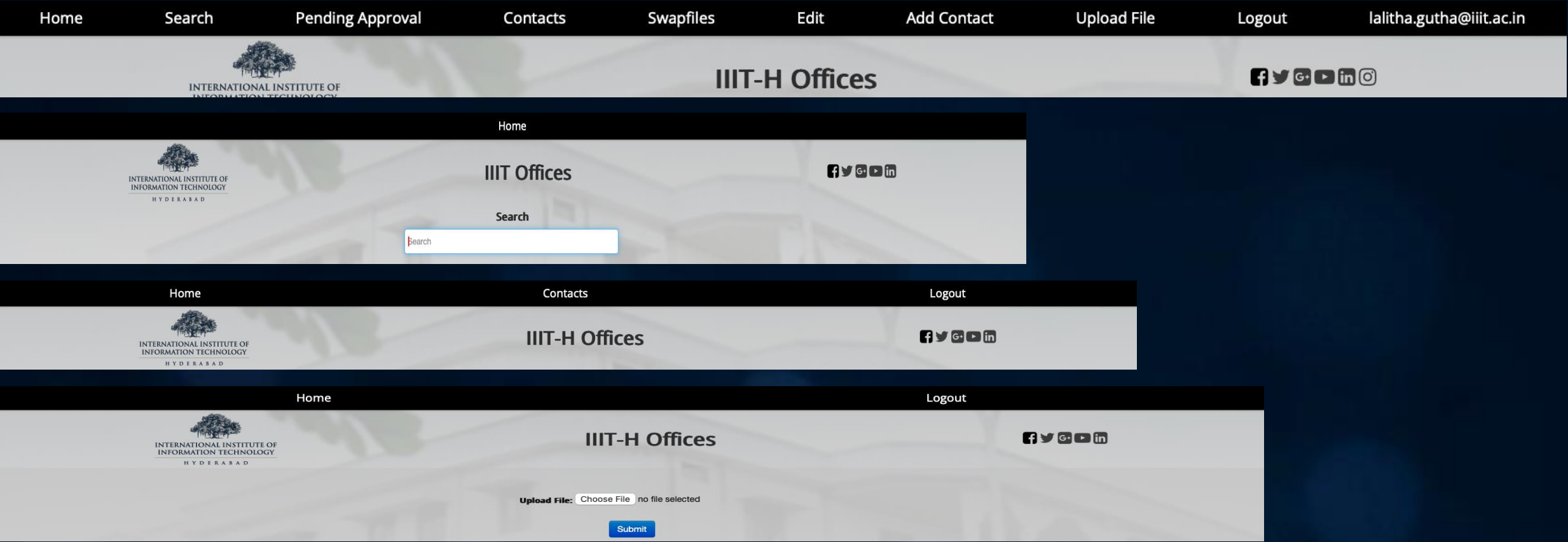


Responsiveness of Design

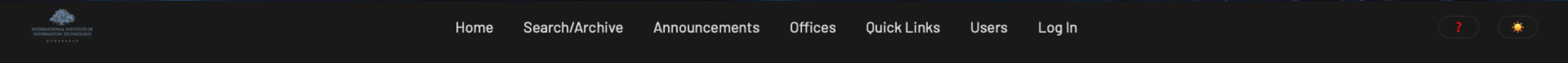
- PROBLEM:**
- Unresponsive Design
 - Does not support smaller device use
 - Static layout, breaks on smaller screens.

- SOLUTION:**
- Responsive Design using bootstrap and defined relative media sizing.
 - Use of grids and lists to maintain consistent organised structure for scaled down smaller devices.
 - Scrollable design.

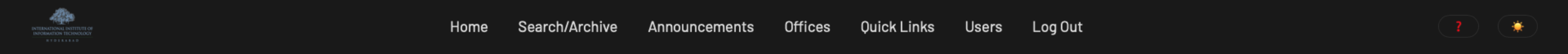




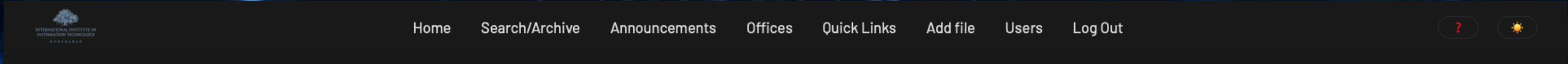
Logged out View



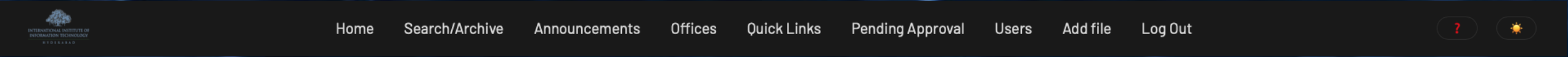
User View



Admin View



SuperAdmin View



PROBLEMS:

- Inconsistent Navigation Bar Design
- Different navigation bar for every page in the same user's view.
- Redundant, Unrequired and Ambiguous tabs like 'Swapfiles', 'Contacts' and 'Edit'
- Tabs, Icons used inconsistent across sections.

SOLUTION:

- Consistent Navigation Bar Design for all pages in a user's view.
- Navigation tabs based on user's role. All users with the same role have the same navigation bar.
- Hamburger icon navbar for smaller devices.

Old Archive Page

Home		Login
<div><div><div>INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY HYDERABAD</div></div><div>IIIT-H Offices</div><div></div></div>		
All PDF, Txt Files		
2016-17 Survey 18.3.2019	Faculty Salary from projects	PGEE Monsoon
2017-18 Survey 31.10.2019	Faculty-No Dues-Admin Related	PGEE Spring
2018-19 PG	Faculty-NoDues-Research Students	PT-EvaluationProcess-Jan2018
2018-19 Survey 18.8.2020	FinancialPowersChairs_24Oct2016	Part I Peer Team Report
2018-19 UG	GUEST HOUSE	Part II Graphical Representation based on QnM & QIM
2018-19 UG&PG	General Academic Regulations (UG&PG)	Part III Institutional_Grade_Sheet
2019-20 PG	Grading Policy	Part IV Peer Team Metric wise Score Report
2019-20 Survey 31.3.2021	Graduated Students 2024	Payment Process Document
2019-20 UG	Graduation Request Form (MS/PhD)	Perceptions of Universities on NIRF 2021
2019-20 UG&PG	Gratuity	Perceptions of Universities on NIRF 2021_PDF
2019-82U&39E	Group Saving Linked Insurance Scheme (GSLIS)	Placement Policy for Corporates
2020 (6-25) 18.8.2020	Guest House / Executive Room bookings	Placement Policy to the Students
2020-21 PG	Guest Rooms / Executive Room Rentals 2023	Policy on Academic Misconduct
2020-21 PhD MS & DD	Guidelines for Student Workspaces and Teaching Labs	Policy on Academic awards
2020-21UG	Guidelines for Submission of course and project grades-V2	Policy on Gold Medals
2021(promising band) 29.12.2021	Guidelines for converting to 5-year Dual Degree program	Policy on Issues & Returns
2021-22 DD	Guidelines for converting to MS / PhD program	Policy on Meeting Minutes upload
2021-22 PG	Guidelines on the list of top tier conferences	Policy_Process of admission through standing committee_V2
2021-22 UG	HIMALAYA	Pool Table Instructions
2022-23 - Rank 1	Help on Preparation of Course Description	Postgraduate Student Status Program(PGSSP)
2022-23_PG	Honours-Guidelines	Probation period for Staff
2022-23_PhD, MS, DD	Hostel Assets Management Policy	Project / Independent Study guidelines
2022-23_UG	Hostel Rent Collection Policy	Public Notice_AICTE
2023-24 PG	Hostel Rules	Purchase Policy

New Archive Page

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ARCHIVE

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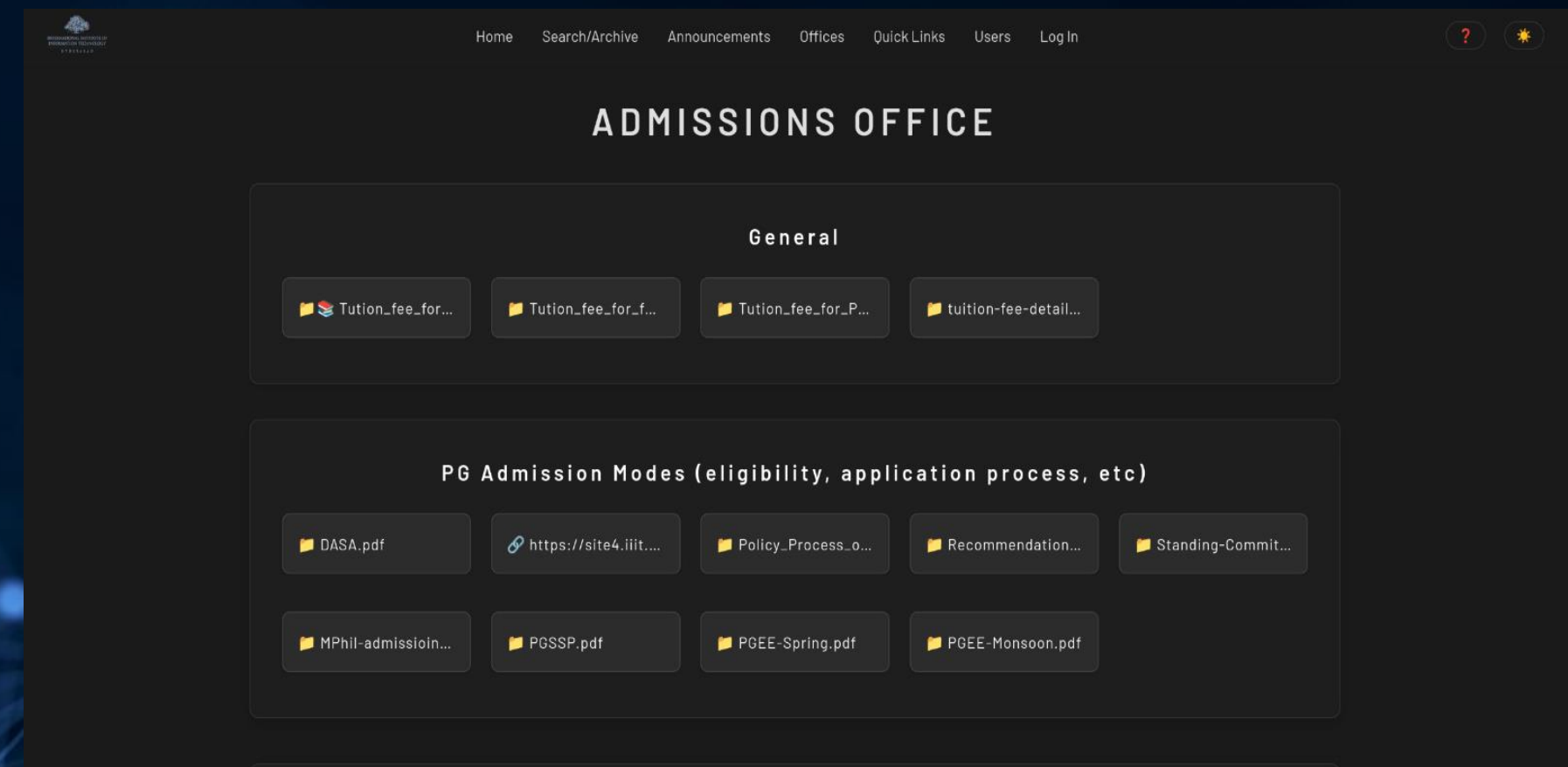
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☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

- 1. Organized view for all files types of entities on the intranet
- 2. Labelling of the entity as file, announcement, quick link
- 3. Office wise and category wise filtering

Old Office Page



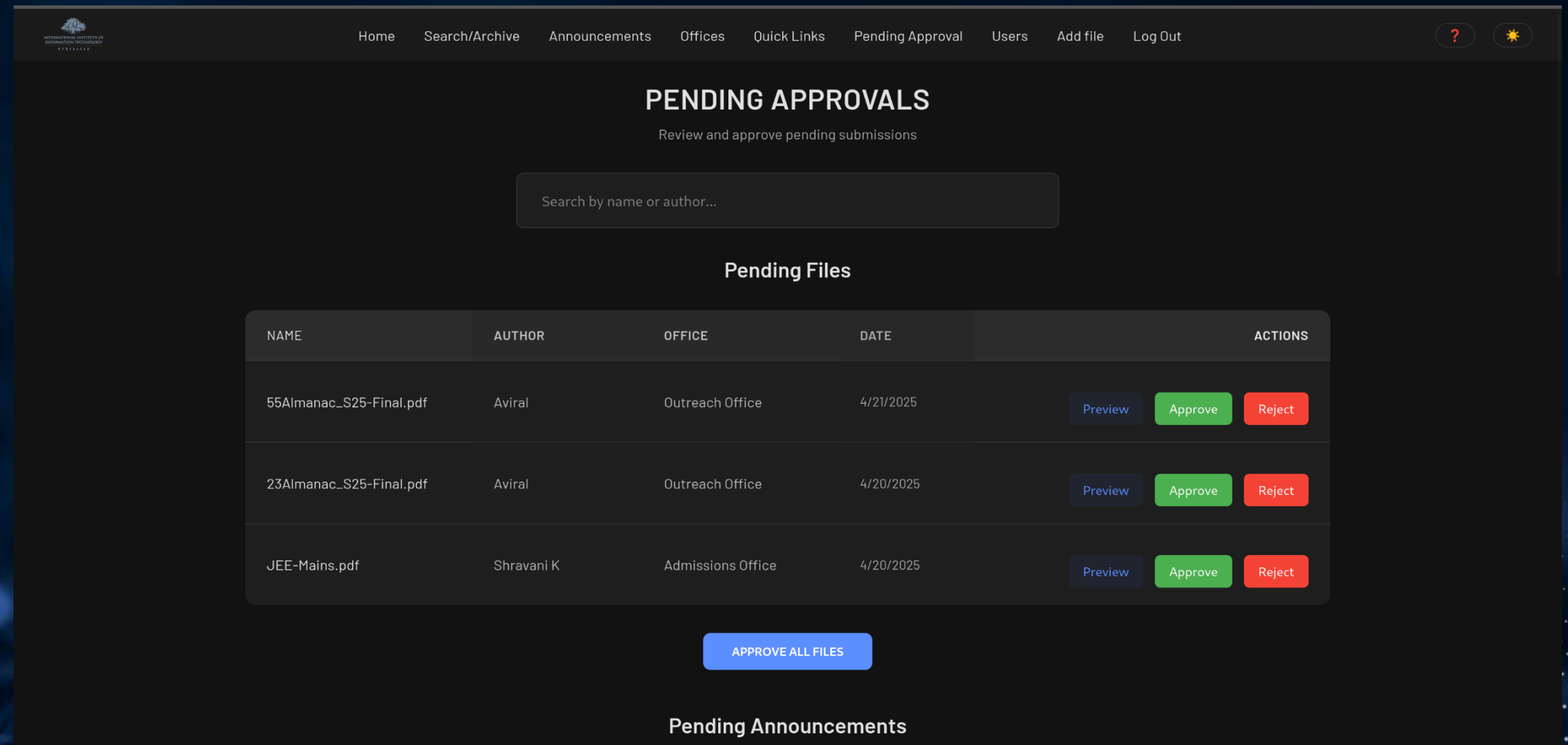
New Office Page



1. Better Segregation for files into their respective categories.
2. An additional FAQ section on each office page.

Pending Approval Phase

- We made a pipeline for all files, announcements, quick links where
1. These entities uploaded by any administrator are sent to the super administrator for approval.
 2. The Super Administrator approves or rejects (with feedback) the entity.
 3. Only after this process does the file, announcement appear for everyone



Document Comparison

Left PDF: 1745065421862-ProcessSaleUseCase.pdf

Right PDF: 1745065393527-Process_Sale_Use_Case_1_.pdf

Legend

Added text (green)

Deleted text (red)

Modified text (orange)

Page 1

Word Differences

Side by Side

Process Sale (Fully Dressed) Use case Description

Members: Aviral Malhotra(2023113021), Ananya Halgatti(2023101129), Nilanjana De(2023115002), Shravani K(2023115009)

Unumber: POS-US0001

Usecase name: Process Sale

Overview: Cashier process the sale of the items that customer wants to purchase or return on the POS machine

Primary actor: Cashier

Stakeholders and Interests:

- Cashier: Wants accurate, fast entry, and no payment errors, as cash drawer shortages are deducted from his/her salary
- Salesperson: Wants sales commission updated
- Customer: Wants purchase and fast service with minimal effort. Wants easily visible display of entered items and prices. Wants proof of purchase to support returns.
- Company: Wants to accurately record transactions and satisfy customer interests. Wants to ensure that Payment authorization service payment receivables are recorded. Wants some fault tolerance to allow sales capture even if server components (e.g., remote credit validation) are unavailable. Wants automatic and fast update of accounting and inventory
- Manager: Wants to be able to quickly perform override operations, and easily debug Cashier problems.
- Government Tax Agencies: Want to collect tax from every sale

Process Sale (Fully Dressed) Use case Description

Members: Aviral Malhotra(2023113021), Ananya Halgatti(2023101129), Nilanjana De(2023115002), Shravani K(2023115009)

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PDF plumber

Download Comparison Files

Left PDF: 1745146128326-Comparison_Text_2.pdf

Right PDF: 1745146102780-Comparison_Text_1.pdf

Legend

Added text (green)

Deleted text (red)

Modified text (orange)

Page 1

Word Differences

Side by Side

Comparison Text 2

Here's Version 2 of the same five-paragraph text, with 100 words changed across the content. The meaning and structure are preserved, but vocabulary and phrasing are adjusted.

Version 2

Paragraph 1:

Technology has significantly altered modern life, reshaping how we interact, work, and consume media. From the days of dial-up connections to today's lightning-fast fiber and 5G, digital access has grown exponentially. Cell phones

Comparison Text 1

Sure! Below is Version 1 with 5 paragraphs, each containing 200 words

Version 1

Paragraph 1:

Technology has drastically transformed human life, redefining how we communicate, work, and entertain ourselves. From the early days of dial-up internet to today's high-speed fiber optics and 5G networks, connectivity has improved remarkably. Mobile phones evolved into powerful smartphones capable of performing a variety of tasks that once required separate devices.

Python Script based Comparison

Made a PDF Comparison feature on the website to compare any two versions of a file.

Role Based Access

Users, Administrators and Super Administrators have different level of access to all the features.

Features	User	Admin	Super-admin
CAS Integrated Login with user role identification	✓	✓	✓
Consistent Light and Dark mode view for all pages	✓	✓	✓
View latest announcements	✓	✓	✓
View individual Office pages	✓	✓	✓
Access Portals and quick Links on Home Page	✓	✓	✓
View and Compare (version control) for file versions uploaded	✓	✓	✓
Search, Preview, Download options in Archive Page for all uploaded content	✓	✓	✓
Add, Edit, Delete announcements		✓ (their own Office)	✓ (All Offices)
Add, Edit, Remove, Pin/Unpin Quick Links, IIIT Portals		✓ (their own Office)	✓ (All Offices)
Add, Delete Files and FAQs in Office pages		✓ (their own Office)	✓ (All Offices)
Add, Delete options in Archive Page for all uploaded content		✓ (their own Office)	✓ (All Offices)
Add, Edit, Delete author and roles			✓
Approve/ Reject with comments the uploaded Files, Announcements and Quick links			✓

Demo Video

https://drive.google.com/file/d/11ojVsnMwL7tGDcBbE-dd1sNOo_qItVFN/view?usp=drivesdk



INTERNATIONAL INSTITUTE OF
INFORMATION TECHNOLOGY

HYDERABAD

THANK YOU