

UOS SCHEDULES

Team members

19 Rabaya Rauf

24 Tanveer Abbas

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What our project offers?

Our project is a platform for all university students to check schedules easily and quickly with less chances of error as compared to current system. It allows students to see their classes of present day, previous, next day or any day of ongoing week. They will be able to set alarm for any subject of their choice. They can see the events, news etc. trending about university. They can see their assignments, quizzes, papers etc. They can add or customize their class by adding or removing subjects. Moreover, they can also add another class to view its schedules if they want

Problem

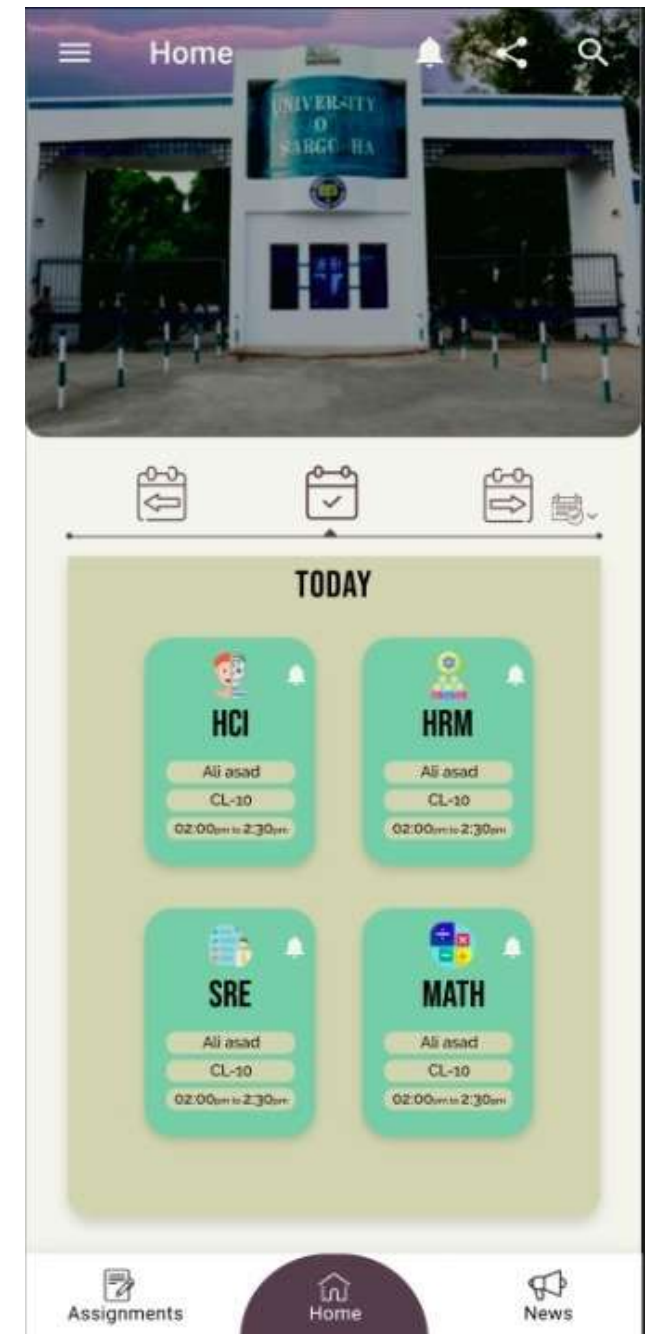
- At present, the system that university has through which students check their schedules works like this.

		1998-1999 Academic Year (1998-1999) - Week 19 (Week 19) 1998-1999						
		08:00 - 09:30	09:30 - 11:00	11:00 - 12:30	12:30 - 01:00	01:00 - 02:30	02:30 - 04:00	04:00 - 05:30
TUESDAY	CL-1		ENC 3 76 (Eng) Mobile Application Development Dr. Saad Alkhatib	ENC 3 76 (Eng) Information Security Dr. Farouk Alkhatib	ENC 3 76 (Eng) Information Security Dr. Farouk Alkhatib	ENC 3 76 (Eng) Computer Networks Dr. Hassan Ali		
	CL-2		ENC 3 14 (Eng) Introduction to EIT Dr. Osama Alkhatib	ENC 3 14 (Eng) Applied Physics Dr. Mohamed Alkhatib	ENC 3 14 (Eng) Applied Physics Dr. Mohamed Alkhatib	ENC 3 14 (Eng) Mathematics I Dr. Ali Alkhatib		
	CL-3	ENC 3 76 (Eng) Technical and Business Writing Dr. Saad Alkhatib	ENC 3 76 (Eng) Web Systems and Technologies Dr. Mohamed Alkhatib	ENC 3 76 (Eng) Complex Construction Dr. Farouk Alkhatib	ENC 3 76 (Eng) English Composition & Composition Dr. Saad Alkhatib			
	CL-4		ENC 3 14 (Eng) Programming Fundamentals Dr. Mohamed Alkhatib	ENC 3 14 (Eng) Functional English Dr. Saad Alkhatib	ENC 3 14 (Eng) Probability & Statistics Dr. Saad Alkhatib			
	CL-5		ENC 3 76 (Eng) Database Systems Dr. Saad Alkhatib	ENC 3 76 (Eng) Database Systems Dr. Saad Alkhatib	ENC 3 76 (Eng) Data & Network Security Dr. Saad Alkhatib	ENC 3 76 (Eng) E-Commerce Applications Development Dr. Saad Alkhatib		
	CL-6	ENC 3 14 (Eng) Calculus & Analytical Geometry Dr. Saad Alkhatib	ENC 3 14 (Eng) Programming Fundamentals Dr. Mohamed Alkhatib	ENC 3 14 (Eng) Operating Systems Dr. Saad Alkhatib	ENC 3 14 (Eng) Operating Systems Dr. Saad Alkhatib			
	CL-7	ENC 3 76 (Eng) Object-Oriented Analysis and Design Dr. Saad Alkhatib	ENC 3 76 (Eng) Database Administration & Management Dr. Saad Alkhatib	ENC 3 76 (Eng) Capstone Project I Dr. Saad Alkhatib	ENC 3 76 (Eng) Programming Fundamentals Dr. Saad Alkhatib	ENC 3 76 (Eng) Applied Physics/Quantum Computing Dr. Saad Alkhatib		
	CL-8		ENC 3 76 (Eng) Capstone Project I Dr. Saad Alkhatib	ENC 3 76 (Eng) Mobile Learning Dr. Saad Alkhatib	ENC 3 76 (Eng) Mobile Learning Dr. Saad Alkhatib	ENC 3 76 (Eng) Linear Algebra Dr. Saad Alkhatib		
	LAB-1							
	LAB-2	ENC 3 76 (Eng) Object-Oriented Programming (2-10) Dr. Saad Alkhatib	ENC 3 76 (Eng) Data Structures & Algorithms Dr. Saad Alkhatib	ENC 3 76 (Eng) Mobile Application Development Dr. Saad Alkhatib	ENC 3 76 (Eng) Mobile Application Development Dr. Saad Alkhatib			
	CL-9		ENC 3 76 (Eng) Capstone Project Management Dr. Saad Alkhatib	ENC 3 76 (Eng) Data & Network Security Dr. Saad Alkhatib	ENC 3 76 (Eng) Capstone Project I Dr. Saad Alkhatib	ENC 3 76 (Eng) Human Computer Interaction Dr. Saad Alkhatib		
	CL-10	ENC 3 14 (Eng) Applied Physics/Quantum Computing Dr. Saad Alkhatib	ENC 3 14 (Eng) Human Computer Interaction Dr. Saad Alkhatib	ENC 3 14 (Eng) Computer Networks (LAB) Dr. Saad Alkhatib	ENC 3 14 (Eng) Software Construction and Development Dr. Saad Alkhatib	ENC 3 14 (Eng) Programming Fundamentals Dr. Saad Alkhatib		
	CL-11	ENC 3 76 (Eng) Linear Algebra Dr. Saad Alkhatib	ENC 3 76 (Eng) Human Resource Management Dr. Saad Alkhatib	ENC 3 76 (Eng) Mobile Device Software Development Dr. Saad Alkhatib	ENC 3 76 (Eng) Software Acquisition Engineering Dr. Saad Alkhatib			
	CL-12	ENC 3 76 (Eng) Technical and Business Writing Dr. Saad Alkhatib	ENC 3 76 (Eng) Capstone Project I Dr. Saad Alkhatib	ENC 3 76 (Eng) Capstone Project I Dr. Saad Alkhatib	ENC 3 76 (Eng) Mobile Device Software Development Dr. Saad Alkhatib			
	CL-13	ENC 3 14 (Eng) English Composition & Composition Dr. Saad Alkhatib	ENC 3 14 (Eng) Software Construction and Development Dr. Saad Alkhatib	ENC 3 14 (Eng) Programming Fundamentals Dr. Saad Alkhatib	ENC 3 14 (Eng) Human Resource Management Dr. Saad Alkhatib	ENC 3 14 (Eng) Human Resource Management Dr. Saad Alkhatib		
	CL-14	ENC 3 76 (Eng) Computer Networks (LAB) Dr. Saad Alkhatib	ENC 3 76 (Eng) System and Network Administration Dr. Saad Alkhatib	ENC 3 76 (Eng) Enterprise Resource Planning System Dr. Saad Alkhatib	ENC 3 76 (Eng) Database Administration Dr. Saad Alkhatib			
	CL-15	ENC 3 76 (Eng) Software Engineering Fundamentals Dr. Saad Alkhatib	ENC 3 76 (Eng) Capstone Project I Dr. Saad Alkhatib	ENC 3 76 (Eng) Introduction to ICT Dr. Saad Alkhatib	ENC 3 76 (Eng) Object-Oriented Analysis & Design Dr. Saad Alkhatib	ENC 3 76 (Eng) Functional English Dr. Saad Alkhatib		
	LAB-100	Database Administration & Management Dr. Saad Alkhatib	Data Structures & Algorithms Dr. Saad Alkhatib	Computer Networks Dr. Saad Alkhatib	Software Project Management Dr. Saad Alkhatib	Database Administration Dr. Saad Alkhatib	Database Administration Dr. Saad Alkhatib	
	LAB-101	Computer Networks (LAB) Dr. Saad Alkhatib	Theory of Automata Dr. Saad Alkhatib	Theory of Automata Dr. Saad Alkhatib	English Composition & Composition Dr. Saad Alkhatib	Computer Networks (LAB) Dr. Saad Alkhatib		

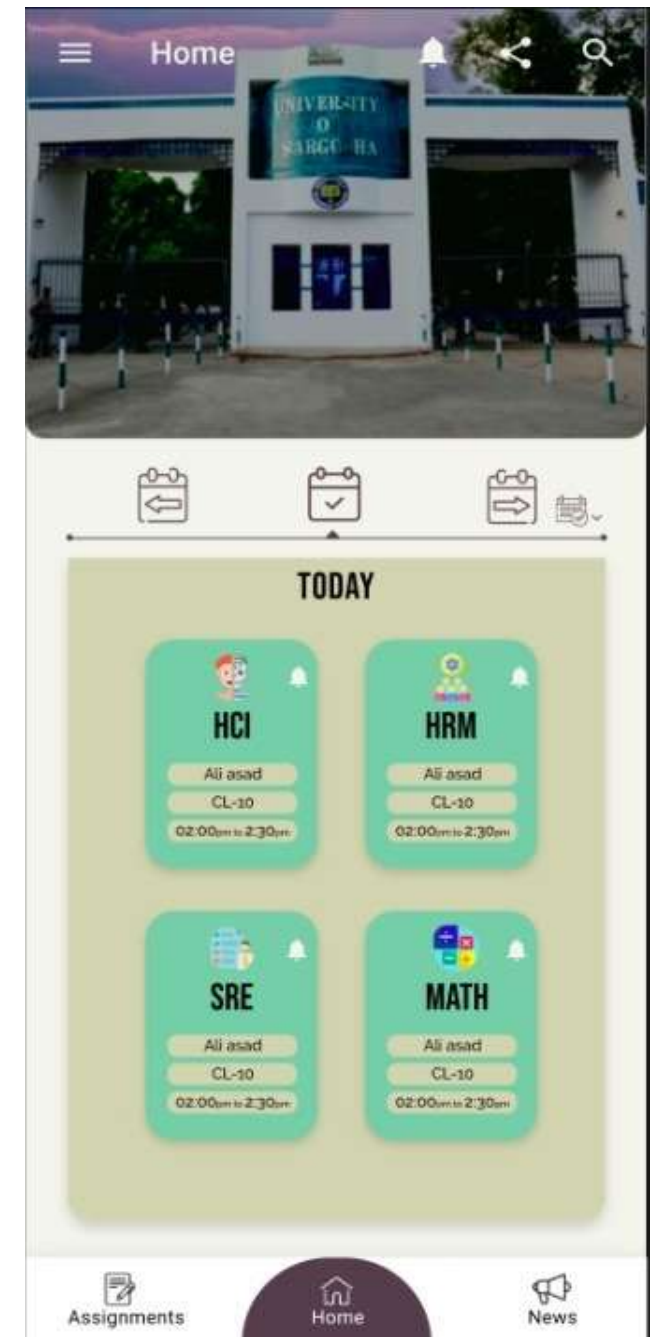
- Each department has a timetable in form of pdf file which includes schedules of all semesters, majors and evening or morning programs. For some departments schedule is updated weekly. So, you have to download a file every week.
- In this type of system its very hard for a student to spot its classes and it can cause confusion and lead to error.
- A student might have an older version which will also lead to error.

Solution

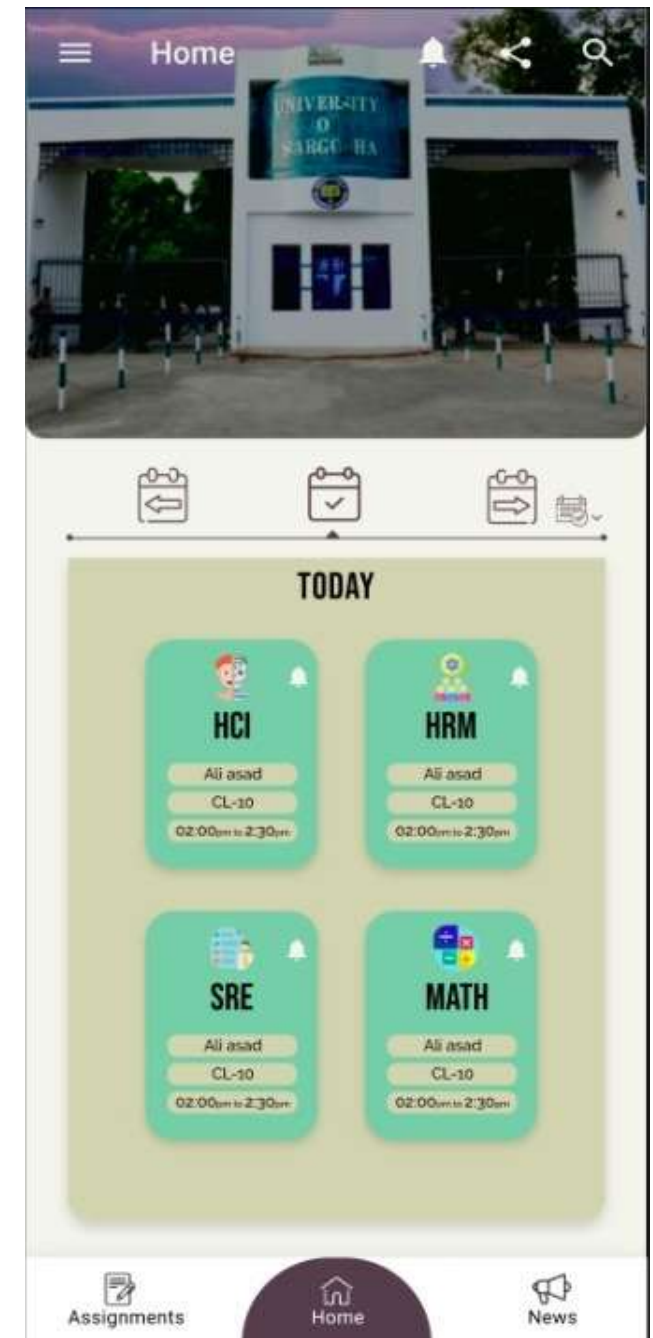
- By use our app the students do not have to suffer any more
- They perform some easy steps and they are good to go
- The PDF system provide unnecessary information for a student
 - For example, a student of BSSE 3rd self does not need the information about other programs(CS,IT...)



- The timetable will automatically update
- The student do not have to worry about the timetable version
- When the student open the app he will see a CLEAN look of a his classes scheduled timetable



- In this app students see classes on the basis of their selection like department, major, semester and evening or morning program.
- In case, he/she is retaking a subject there is option to add or remove a subject.



Task & Final Interface Scenarios

1. User can set reminder
2. User can add or remove subject
3. User can add another class to see its schedule.

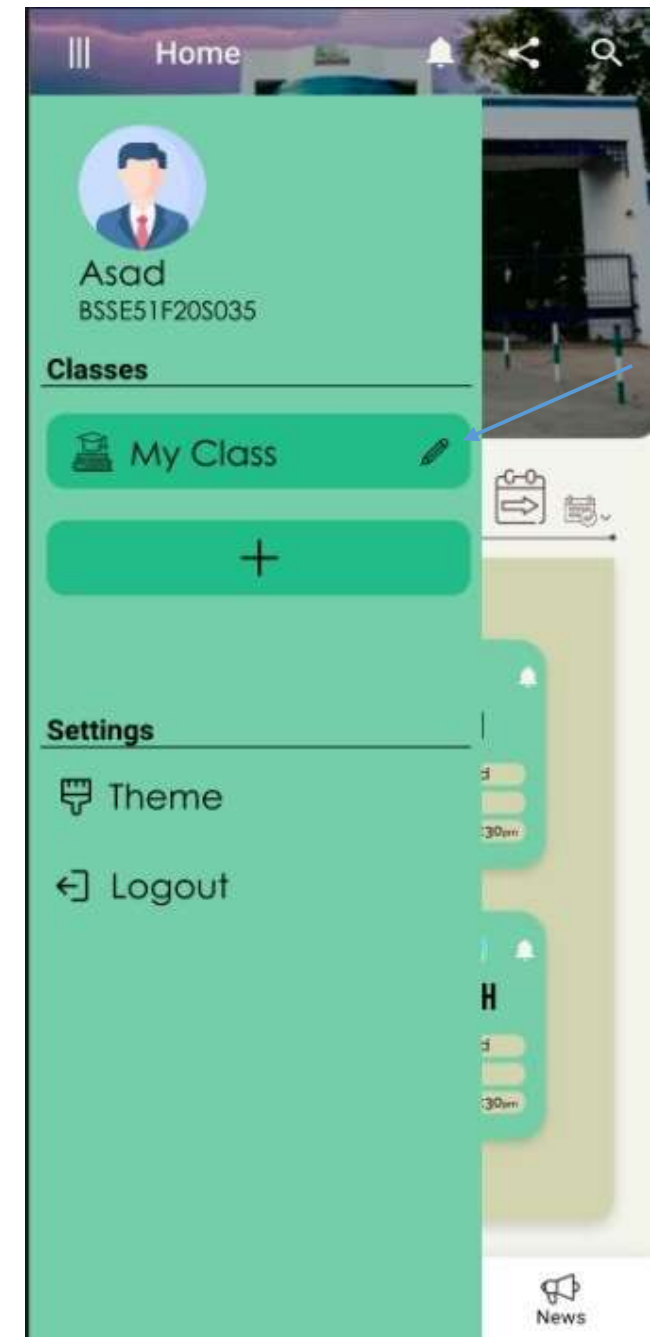
User can set reminder

- The user can set reminder
- There is a reminder icon in every class box.
- Reminder work as a notification
- If the user click on the reminder, it will notify/remind him 30 mints before the class start

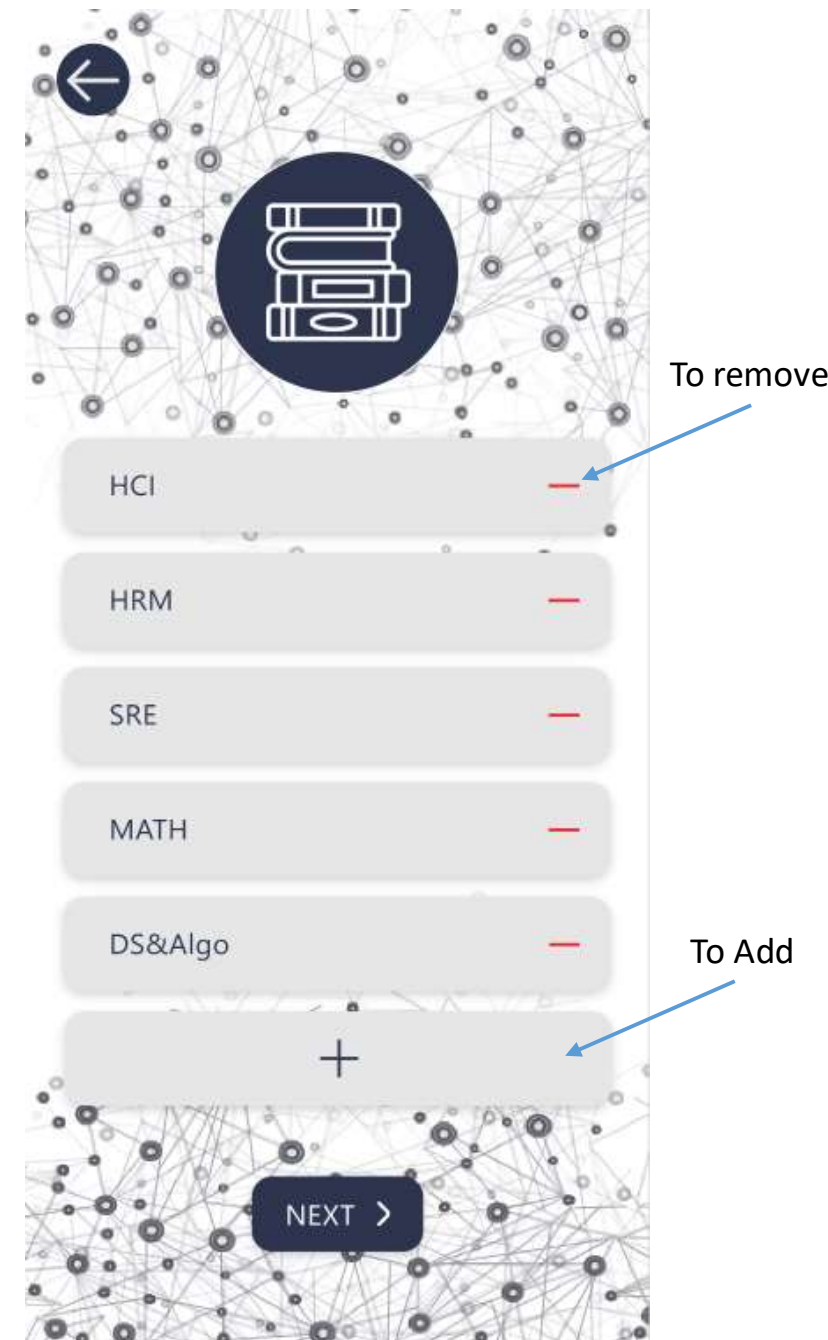


User can add or remove subject

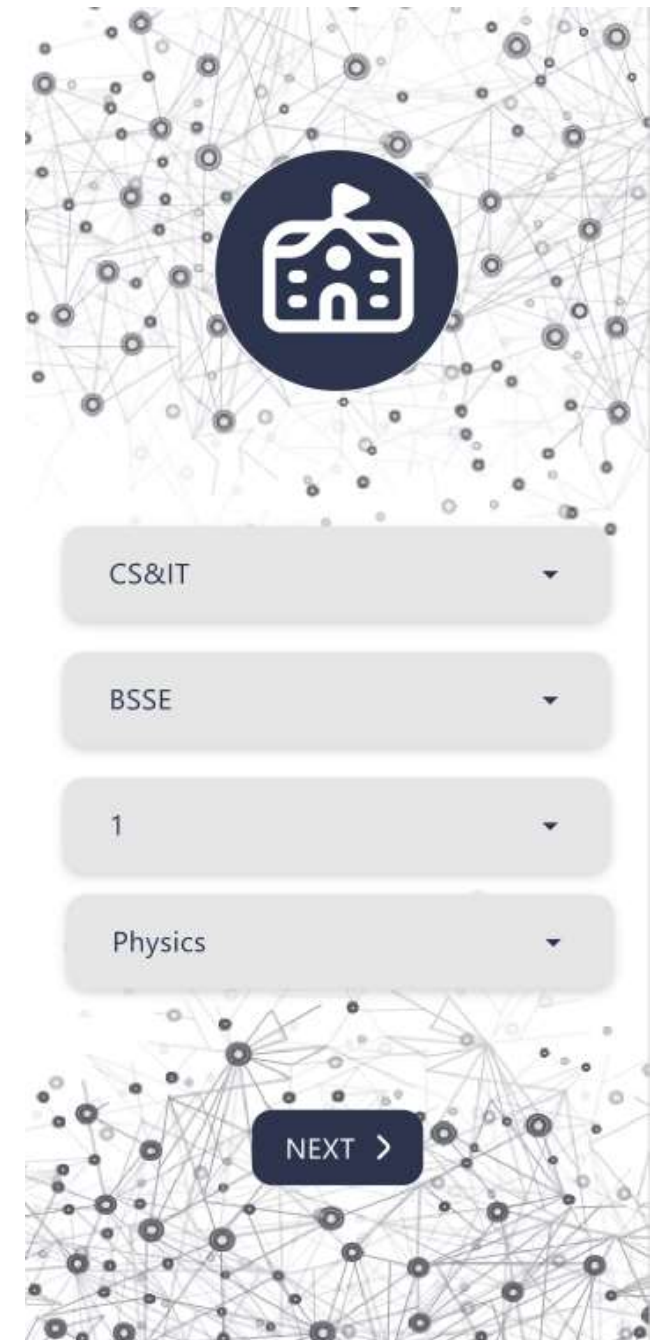
- If the user wants to edit his subject (add or remove)
- He will click on hamburger icon(menu)
- Click on edit icon
- The user will move to subject selection screen



- If he wants to add the subject
- Click on '+' icon, it move user subject add screen
- If he wants to remove the subject
- Click on '-' icon, it will simply remove the subject
- If the user don't want to edit or click the edit button accidentally, he can move back to home screen by click back button

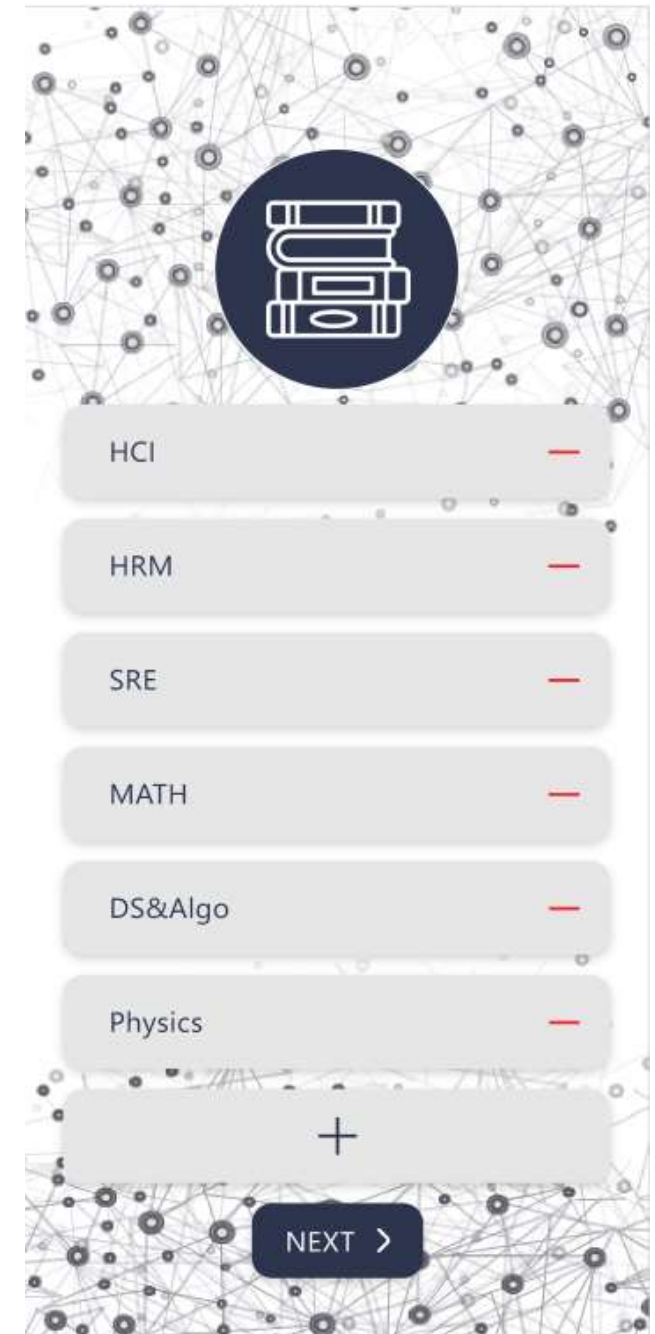


- If the user wants to add subject he will move to this screen
- Here he will add the subject he wants

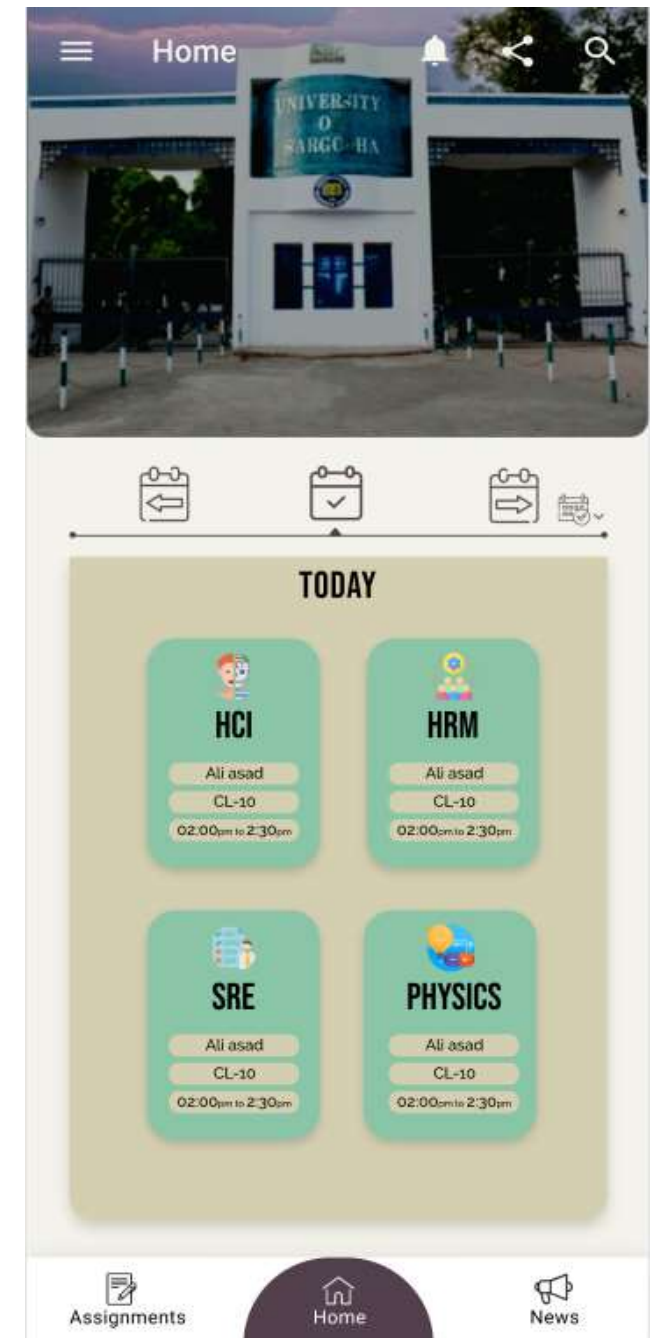


The image shows a mobile application interface with a network-themed background. At the top, there is a dark blue circular icon containing a white building with a flag. Below this, there are four light gray rounded rectangular buttons stacked vertically, each with a dropdown arrow on the right. The buttons are labeled 'CS&IT', 'BSSE', '1', and 'Physics'. At the bottom of the screen, there is a dark blue rounded rectangular button with the text 'NEXT >' in white.

- The subject will added on the main subject screen
- If he wants to remove the subject he can remove too

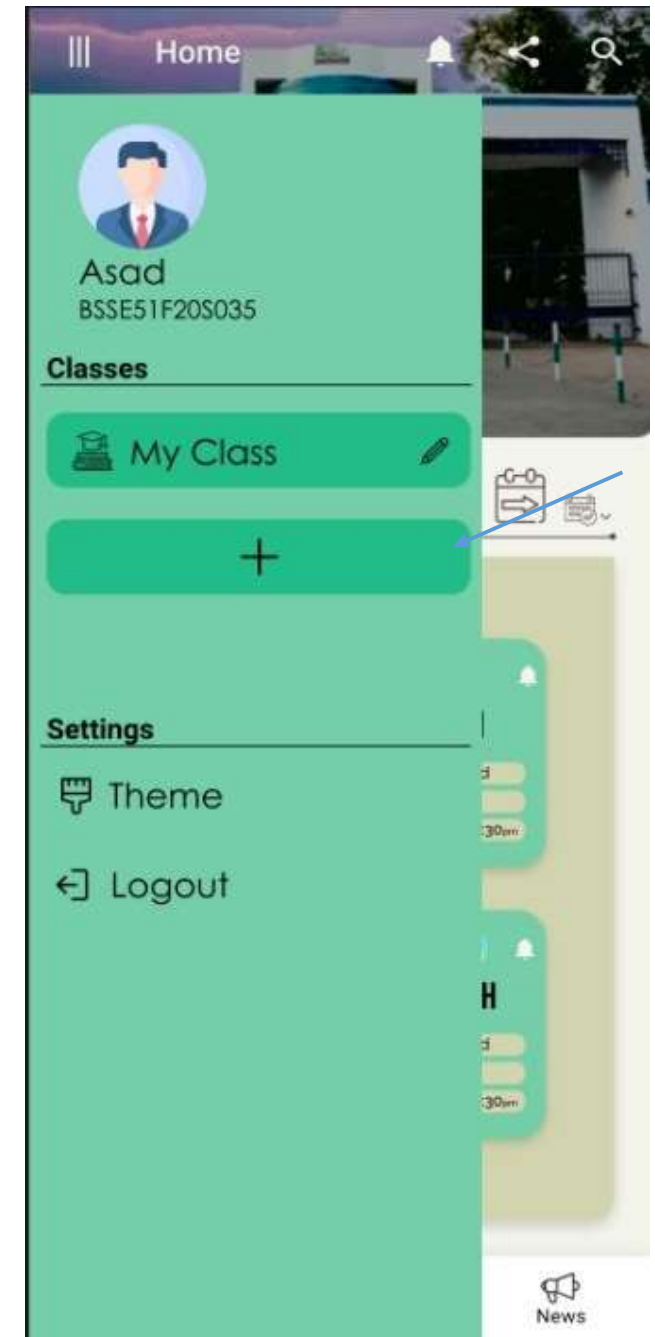


- New subject has been added to home screen



User can add another class to see its schedule

- If the user wants to add other class timetable like CS,IT or other department math...
- He will click on '+' icon
- He will move to subject selection screen



- He will select the appropriate department, major and semester
- Click on next
- And the class will added to home screen



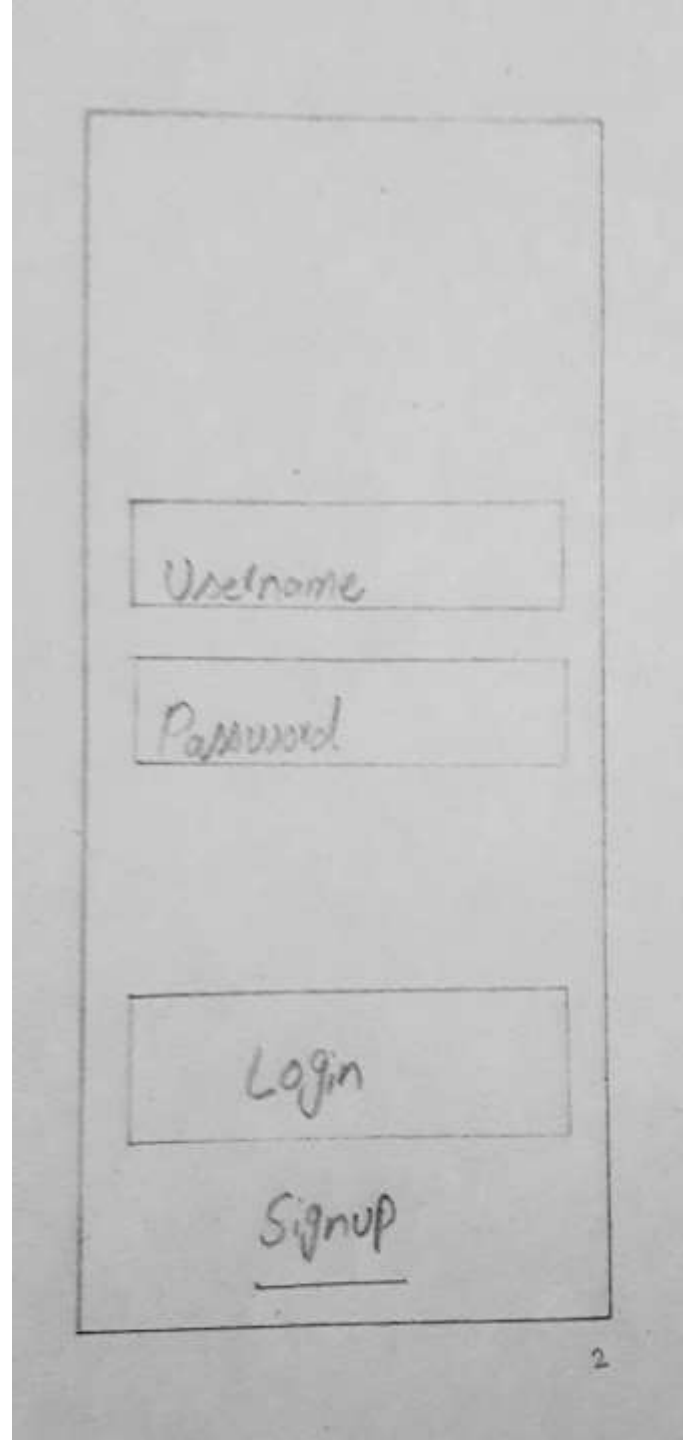
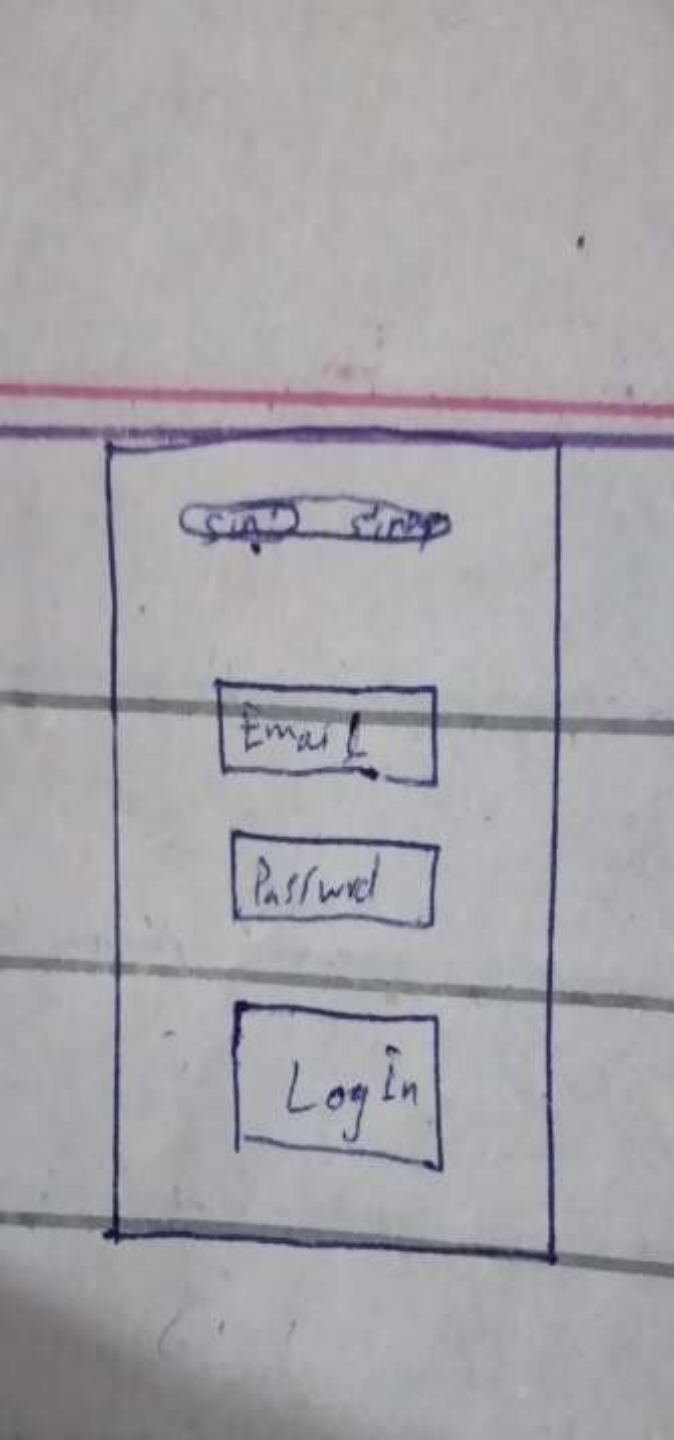
The screenshot shows a mobile application interface for selecting a class. At the top, there is a dark blue circular icon with a white building and flag symbol, set against a background of a network of dots and lines. Below this, there are three light gray dropdown menus. The first menu is labeled 'CS&IT', the second 'IT', and the third '3'. Below these menus, there are two radio button options: 'Regular' (which is selected) and 'Self'. At the bottom, there is a dark blue button with the text 'NEXT >' in white. The entire interface is framed by a decorative border of a network of dots and lines.

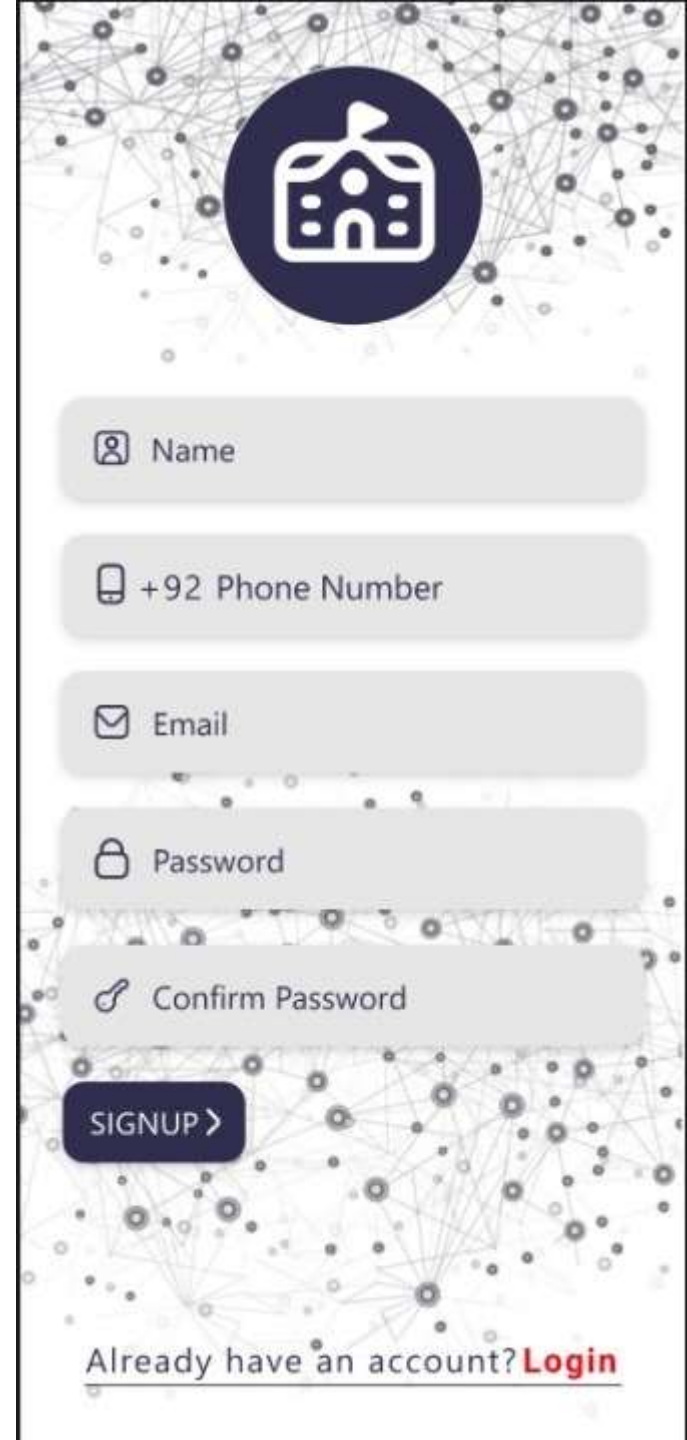
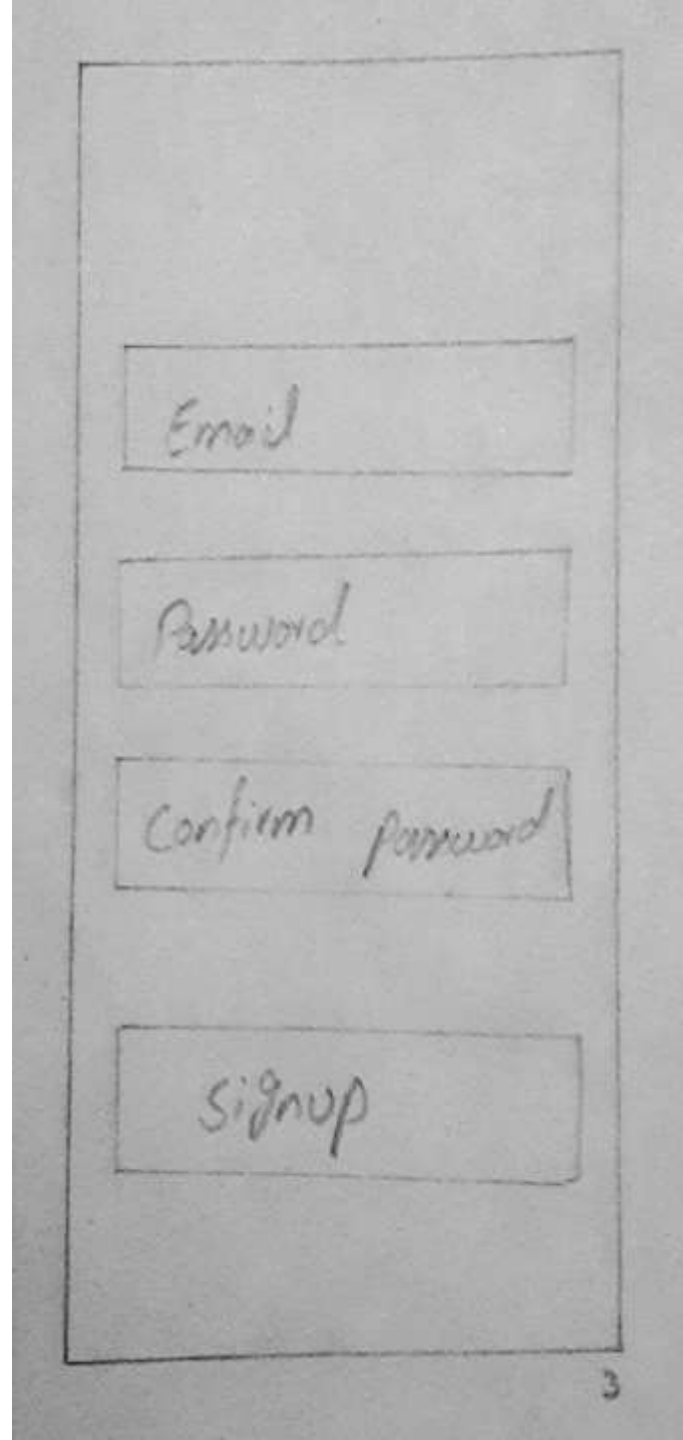
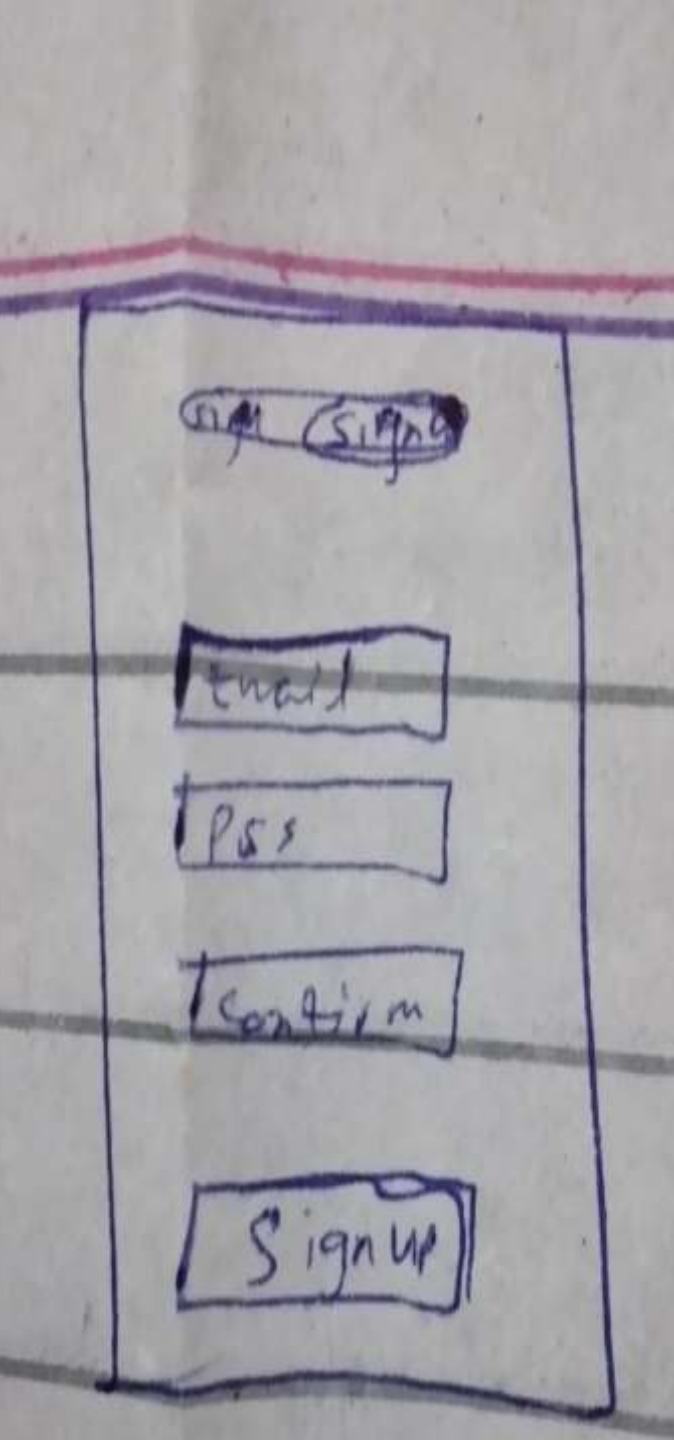
- The new class has been added to home screen



Design Evolution

- Our design evolve over time
- From basic idea to low fidelity
- And then high fidelity





Dept

Major

Morn / Even.

Semester

Next

Department

Majors

Semester

Self / Reg

Next



Select Department


Select Major

Select Semester

	Morn / even
	Semester

Morning / Evening
Semester
Nest

6



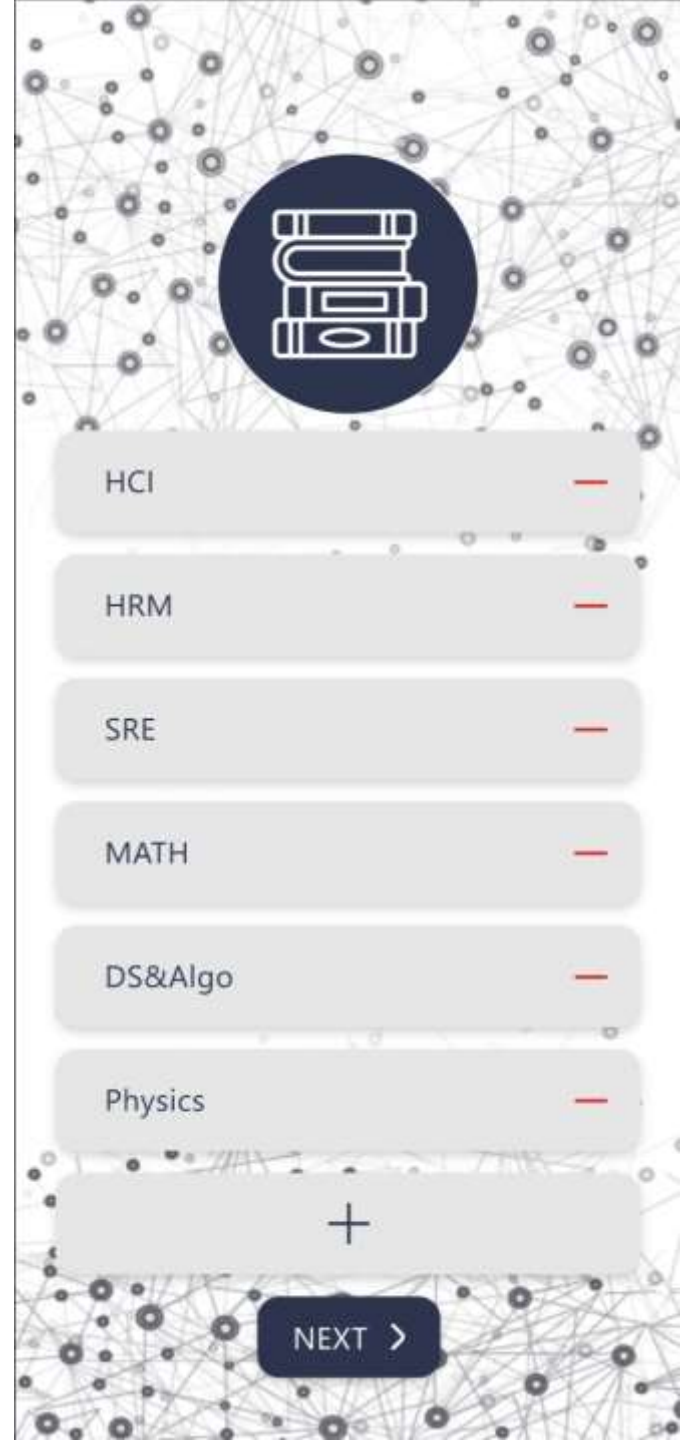
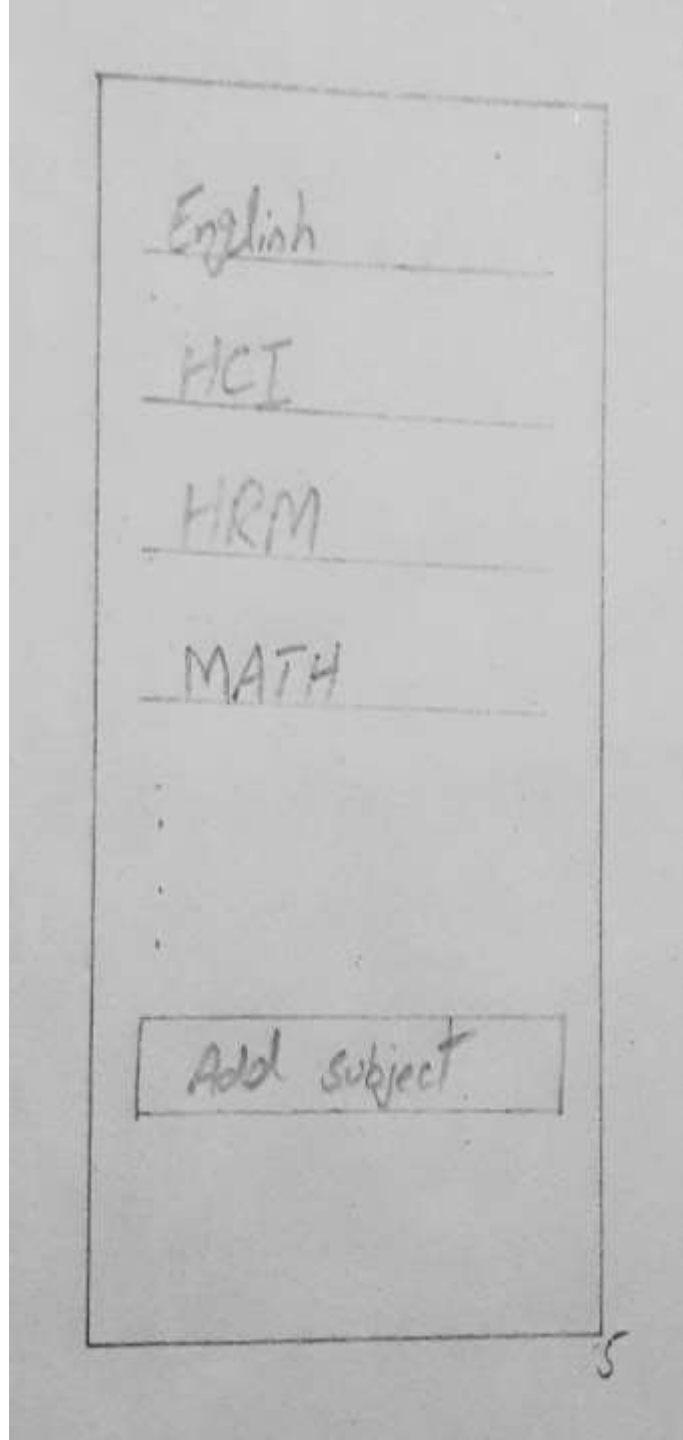
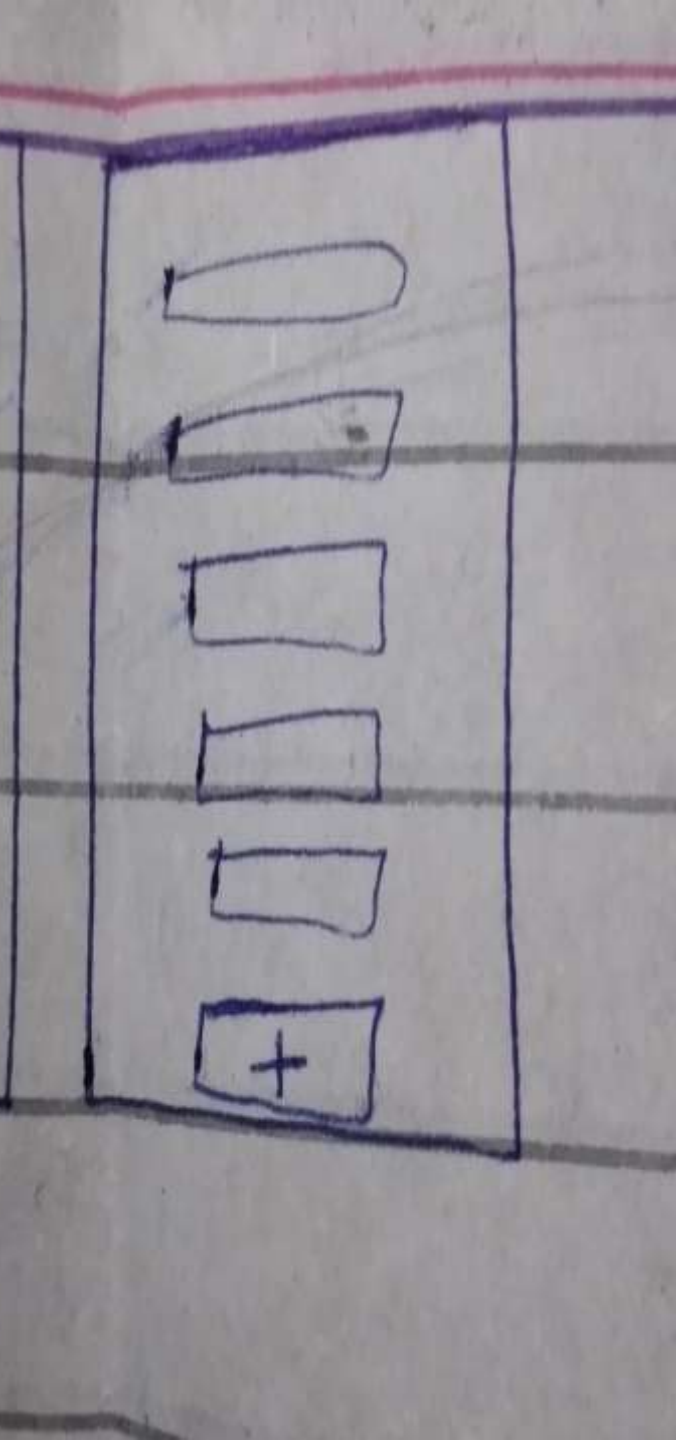
CS&IT

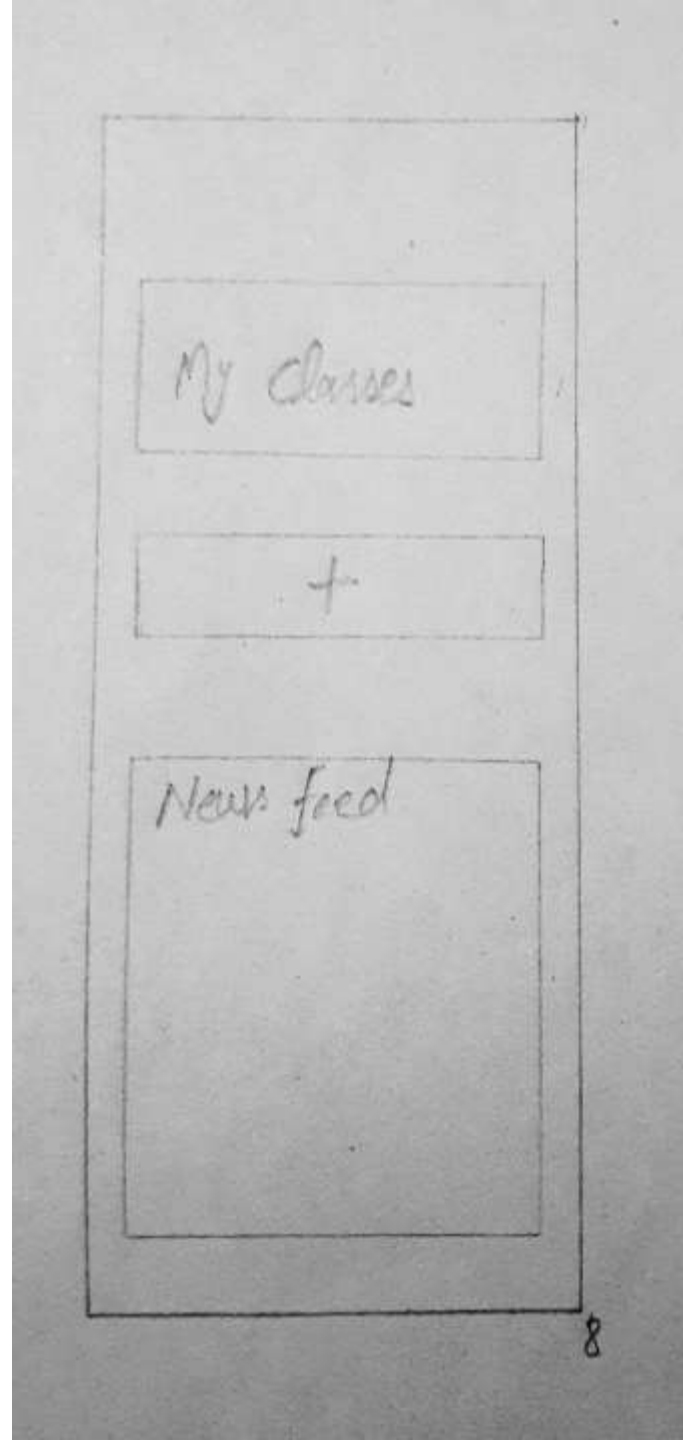
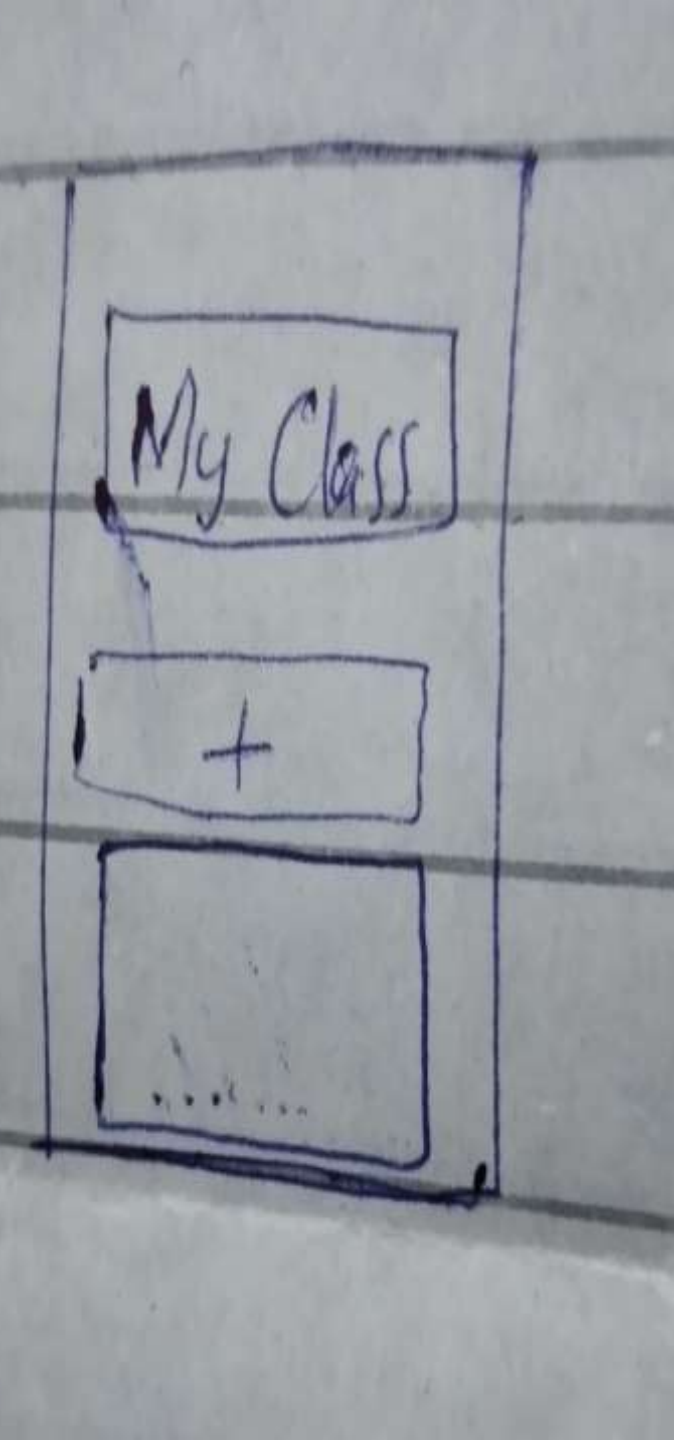
BSSE

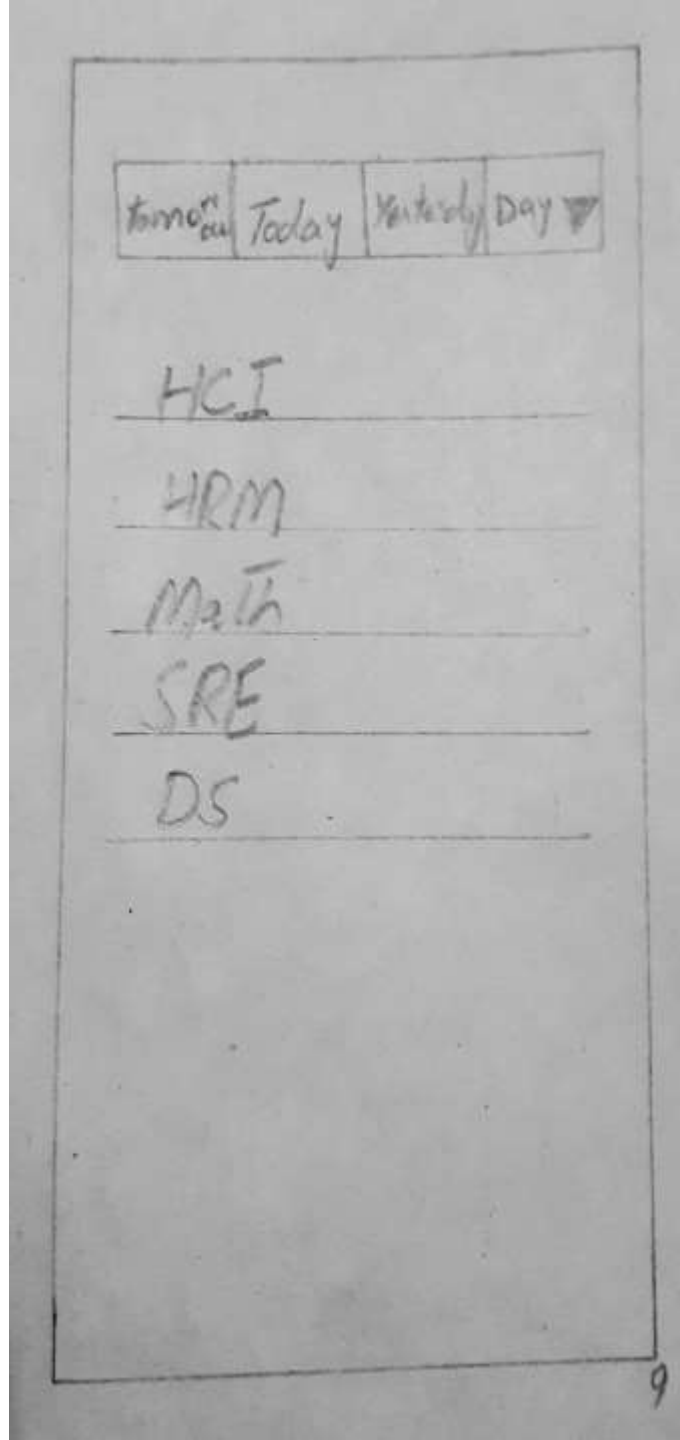
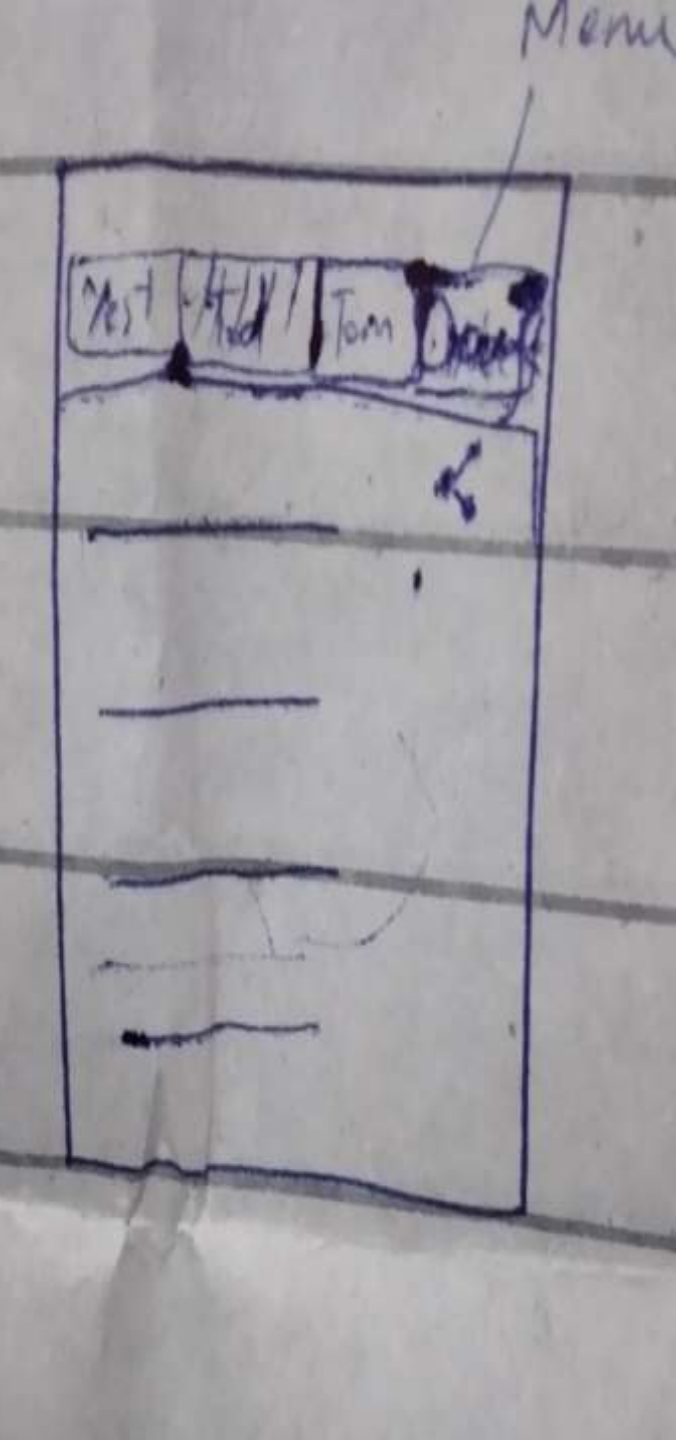
3

☒ Regular ☐ Self

NEXT >







Prototype Implementation

- The basic tools
- Select item, circle, rectangle or text tool were very helpful they helped us to build this app
- Tools like pen, plugins and other... were not very helpful

Missing

- A notification to user about next day classes time on daily basis
- Capability of sharing his/her scheduled
- Capability to request for change in timing

What we might add in future

- This app could serve teacher and timetable management staff. Teacher can see their schedules of current day previous day and next day. They can reschedule classes with some note which will change the time of particular class and note will be sent to those students. The teachers can mark attendance of each class and each student will get its status for that class.
- Timetable management would have complete control over the schedules.

Summary

Our project is a platform for all university students to check schedules easily and quickly with less chances of error as compared to current system. Our project reduce the chances of error, save time and is more efficient and accurate. High fidelity prototype is designed using Adobe XD tool. This tool serve us in many things like Select item, circle, rectangle or text but wasn't useful in some cases like Tools like pen, plugins and other. This app could serve teacher and timetable management staff. Through which teachers can schedule classes and students will get notified.