



MASTERS' UNION

PM SCHOLARSHIP



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Problem Statement

Conceptualize an LMS for the PM Bootcamp students and create its user flow. Write out the specs of features you would want to include and design the look & feel of the homepage. Based on the information below, you have to redesign the LMS for the incoming cohort of the PM Bootcamp.

Key Features of the LMS

Calendar for classes/ sessions - Zoom link for the live sessions is shared weekly

Project & Assignment submission (for Students & Professors) - Assignments can be both group & individual

Portfolio - Students receive feedback on their portfolios from time to time

Mentorship sessions - Students can schedule 1 : 1 session with industry mentors

Feedback section - After every session, Masters' Union Team reaches out the students for the feedback

Key Features

1. Homepage:

2. Login/Sign-up: Students can log in to their accounts or create new accounts.
3. Course Overview: Provides an overview of the PM Bootcamp, including the curriculum and important dates.
4. Upcoming Sessions: Displays a list of upcoming classes and sessions with dates and timings.
5. Notifications: Displays important announcements and updates from the Masters' Union Team.
6. Quick Links: Provides easy access to frequently used features such as the calendar, project submissions, portfolio, mentorship sessions, and feedback section.

2. Calendar:

1. Weekly Schedule: Displays the schedule for classes and sessions, along with the corresponding Zoom links.
2. Reminders: Sends reminders to students about upcoming sessions.

3. Project & Assignment Submission:

1. Assignments List: Displays a list of assignments with their due dates and submission status.
2. Assignment Details: Provides detailed instructions, requirements, and any necessary resources for each assignment.
3. Submission Interface: Allows students to submit their projects and assignments either individually or as a group.
4. Submission Status: Provides feedback and grades for submitted assignments.

Key Features

4. Portfolio:

1. Portfolio Overview: Displays the students' portfolios, showcasing their completed projects and assignments.
2. Feedback and Assessment: Provides periodic feedback and assessments on the students' portfolios to help them improve.

5. Mentorship Sessions:

1. Mentor List: Displays a list of industry mentors available for 1:1 sessions.
2. Scheduling: Allows students to schedule mentorship sessions with the mentors of their choice.
3. Session Details: Provides information about the scheduled session, including date, time, and location (virtual or in-person).

6. Feedback Section:

1. Session Feedback Form: After each session, students are prompted to provide feedback on the content, delivery, and overall experience.
2. Feedback Submission: Allows students to submit their feedback, which is then reviewed by the Masters' Union Team.

Home page

The homepage should have a clean and intuitive design with easy navigation. Here's a description of the key sections:

1. Header:

- Logo: Display the logo of the PM Bootcamp or Masters' Union.
- Navigation Menu: Provide links to important sections such as the calendar, assignments, portfolio, mentorship, and feedback.
- User Profile: Show the user's name and profile picture, along with options for account settings and logout.

2. Course Overview:

- Prominent Heading: Display the name of the PM Bootcamp and a brief overview.
- Curriculum Overview: Provide a high-level summary of the topics covered in the bootcamp.
- Important Dates: Highlight key dates, such as the start and end dates, major assignments, and mentorship sessions.

3. Upcoming Sessions:

- List of Sessions: Display a concise list of upcoming classes and sessions, including the date, time, and topic.
- Zoom Links: Include direct links to the Zoom meetings for easy access.

4. Notifications:

- Announcement Cards: Show important announcements or updates from the Masters' Union Team, such as schedule changes or reminders.

Prioritization

Feature	Priority	Rationale
Calendar	High	Essential for scheduling classes and sharing session links.
Project & Assignment Submission	High	Enables assessment and feedback for student assignments.
Portfolio	Medium	Showcases student work; periodic feedback for improvement.
Mentorship Sessions	Medium	Provides 1:1 guidance from industry professionals.
Feedback Section	Low	Collects feedback for program improvement.

Assumptions for design

1. We will assume the university administrator has already shared the credentials for both students and staff.
2. We will assume that features like settings & user profiles are already present.
3. The web app is going to be used by both students and professors.

User Persona



Name: Ashish
Age: 24
Profession: Student

Needs:
Ashish wants a simple & light LMS for its courses to see the class schedule and submit his assignments.

Previous pain points:
1. Cluttered UI for submitting multiple assignments.
2. Different web links to view the class schedule



Name: Saumya
Age: 40
Profession: Professor

Need:
Saumya wants a simple LMS to use for the class schedule and grading.

Previous pain point:
1. Complex UI for viewing the submission of the students.



Name: Akash
Age: 18
Profession: Student

Needs:
Akash wants an advance LMS for its courses to see the class schedule and submit his assignments.

Previous pain points:
1. UI is too simple and boring
2. A different page for submitting an assignment.

Home Login page

Homepage

MASTER'S UNION

Log In

Email ID

Password

Submit Forget Password?

For Staff Click here

Home login page

Homepage

MASTER'S UNION

Staff Log In

Email ID

Password

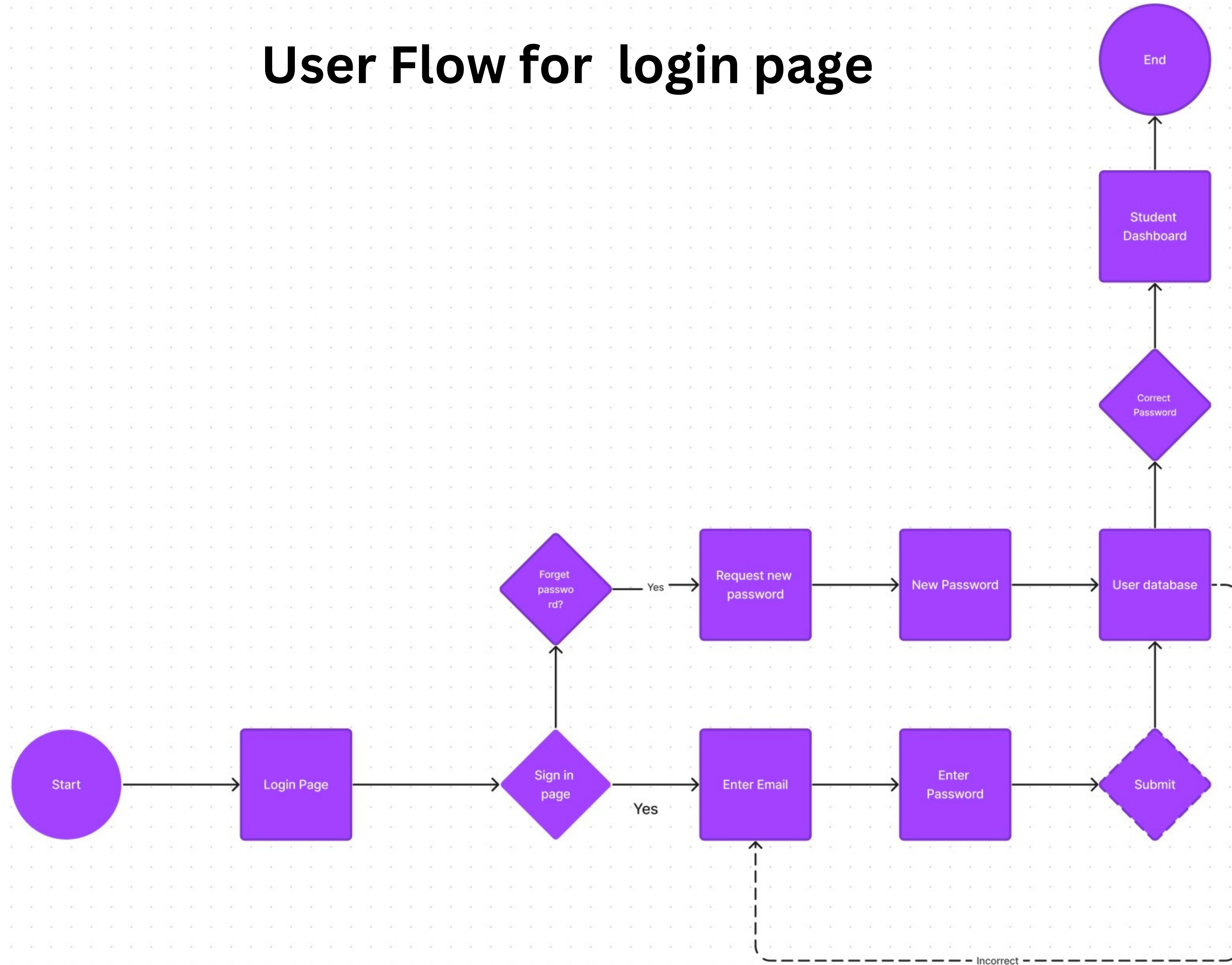
Submit Forget Password?

Staff login page

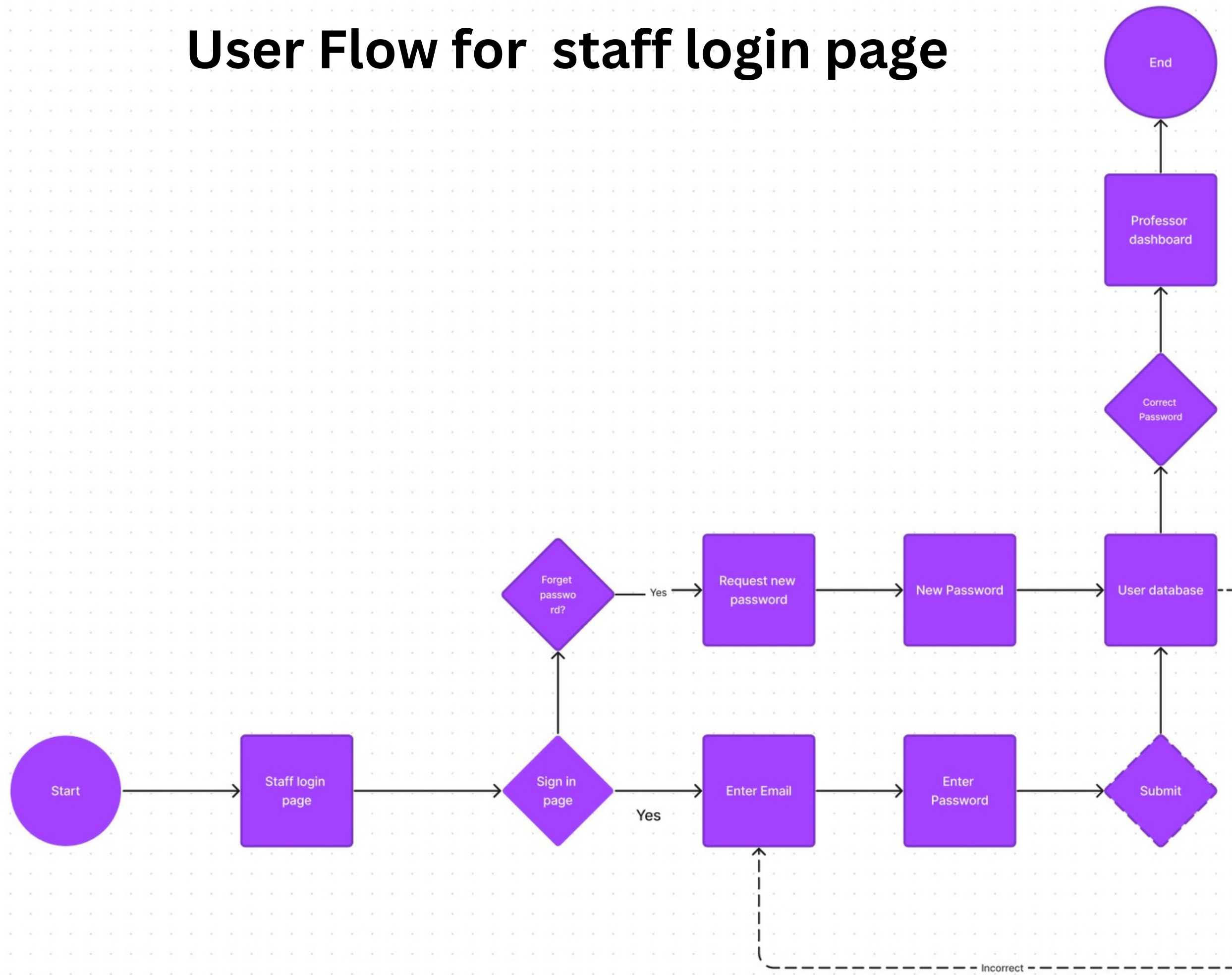
Rationale:

As the portal will be used by both students and professors/ staff, I made two sign-in pages for both students and professors.

User Flow for login page

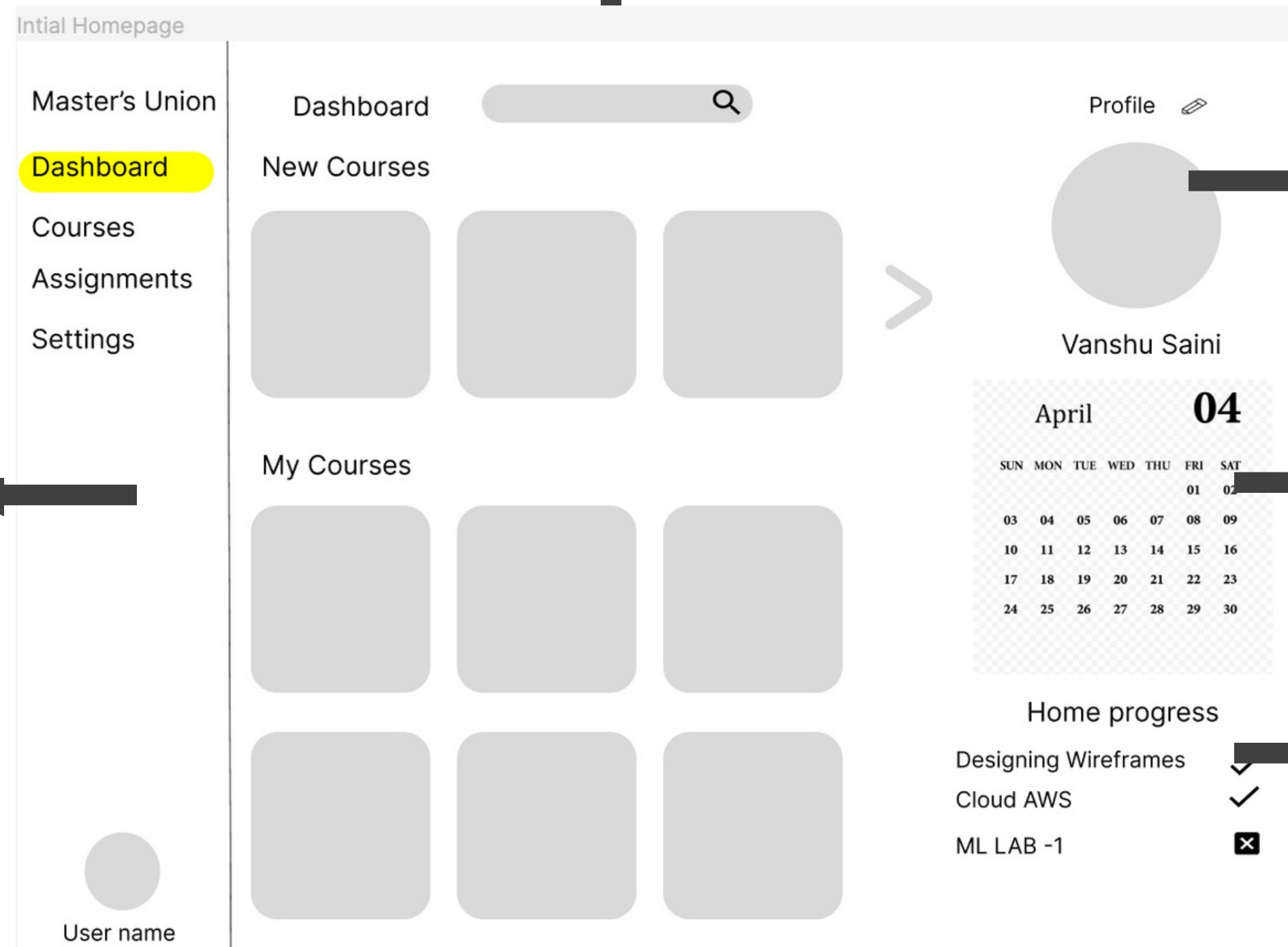


User Flow for staff login page



Student Dashboard

A search bar feature to search anything on the portal.



Users can see all of the courses they are enrolled in.

Profile Photo of the user

A calendar for the classes

A homework progress tool where the users can which assignments are pending and what they have submitted recently.

Professor's Dashboard

A search bar feature to search content on the portal

Master's Union

Dashboard

Courses

Assignments

Settings

User name

Dashboard

My Courses

Assignments

Course name

Assignment	Grading status	Score	Evaluation status	Submission date
Student 1				
Student 1				
Student 1				
Student 1				
Student 1				
Student 1				
Student 1				

Profile

Your Name

April 04

SUN MON TUE WED THU FRI SAT

					01	02
03	04	05	06	07	08	09
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Your upcoming classes

18, March 2023

12:30 Business Outcomes
2hrs Zoom Link

20, March 2023

12:30 Business Outcomes
2hrs Zoom Link

01:30 Business Outcomes
2hrs Zoom Link

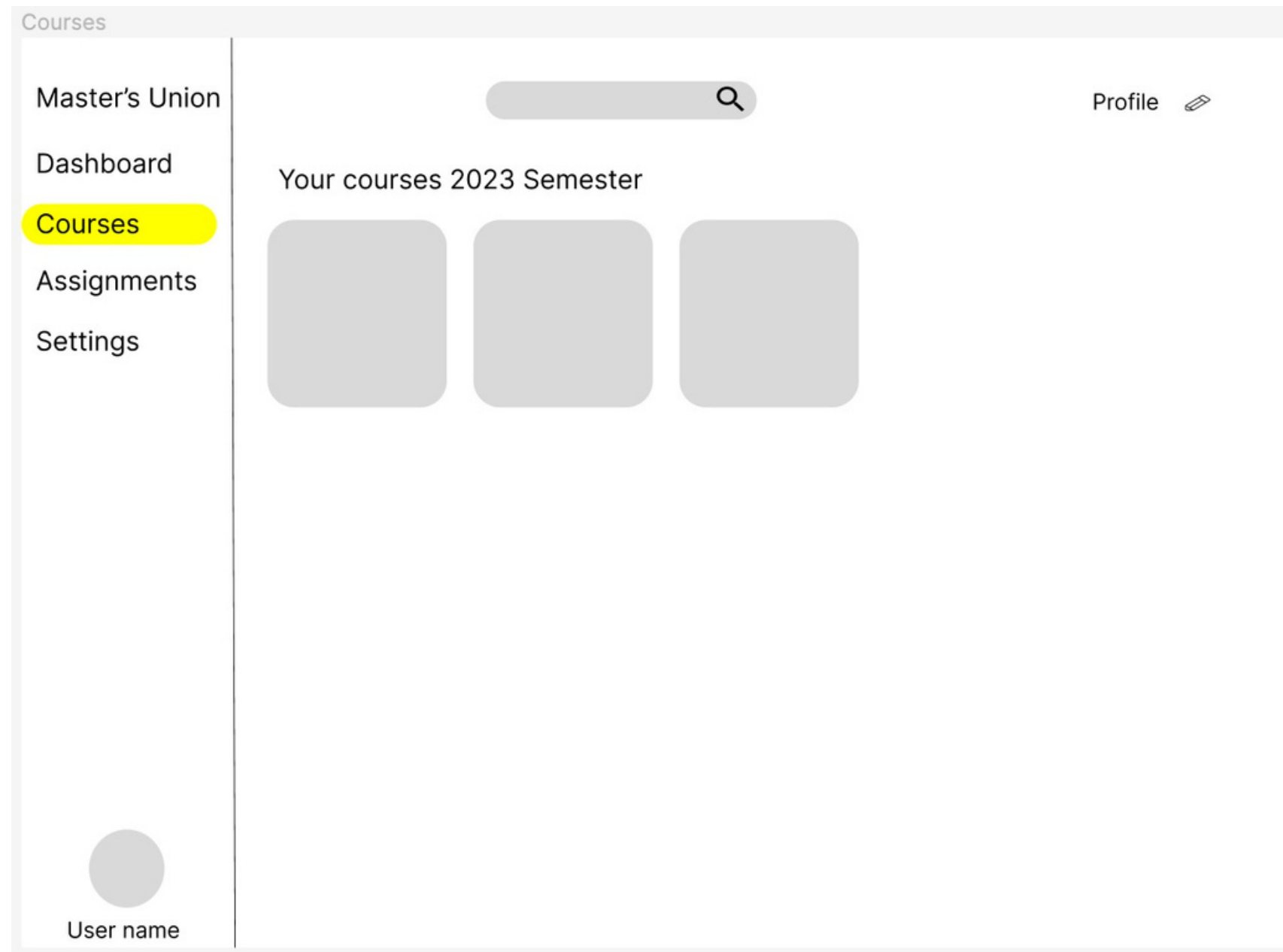
Here the user can select the course and see submission date, student names, grading status etc.

Profile Photo of the user

A calendar to see the class schedule

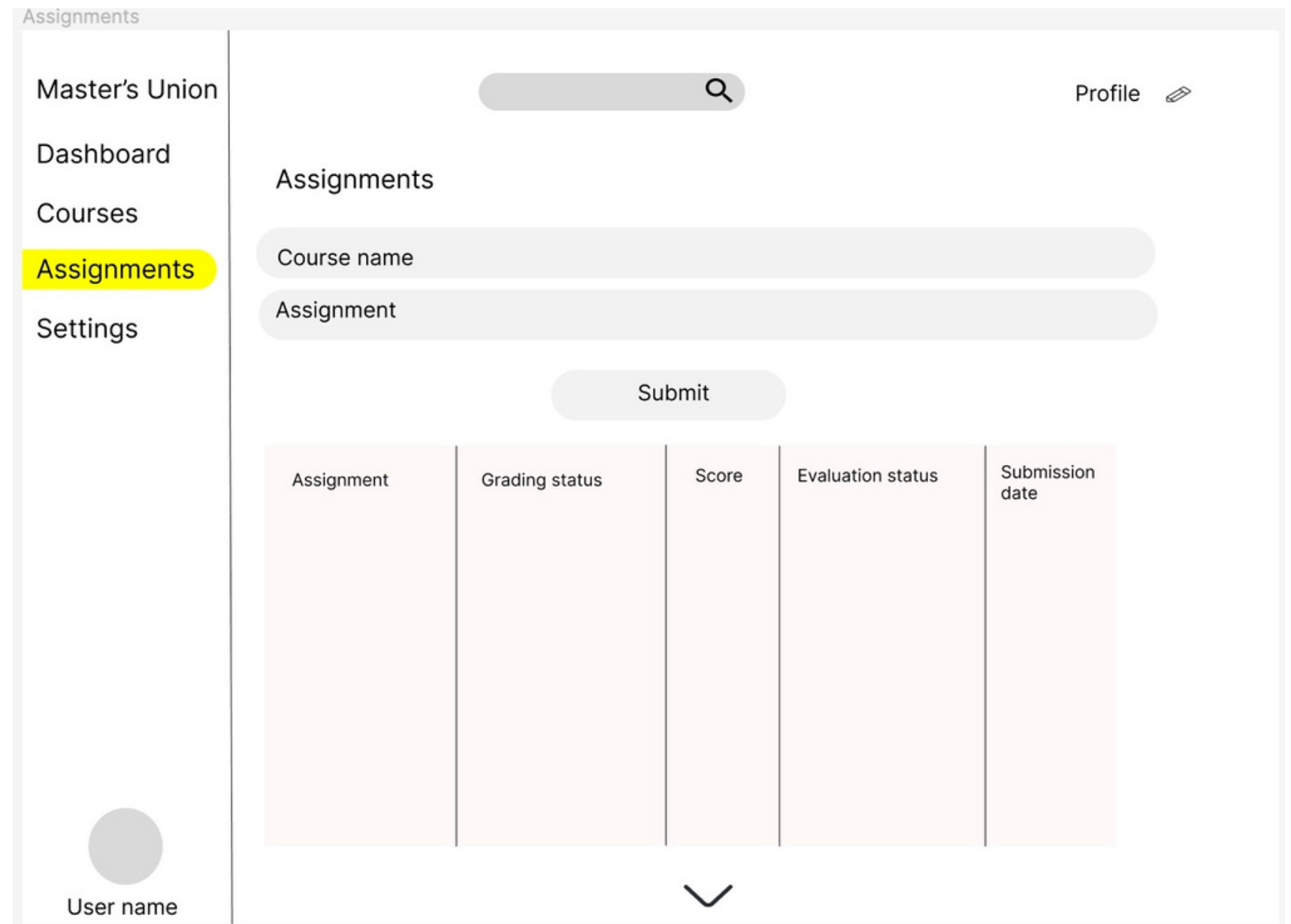
A reminder feature so the user is able to plan ahead.

Courses and assignment



Courses

The Section where the users can see which courses they are enrolled in.

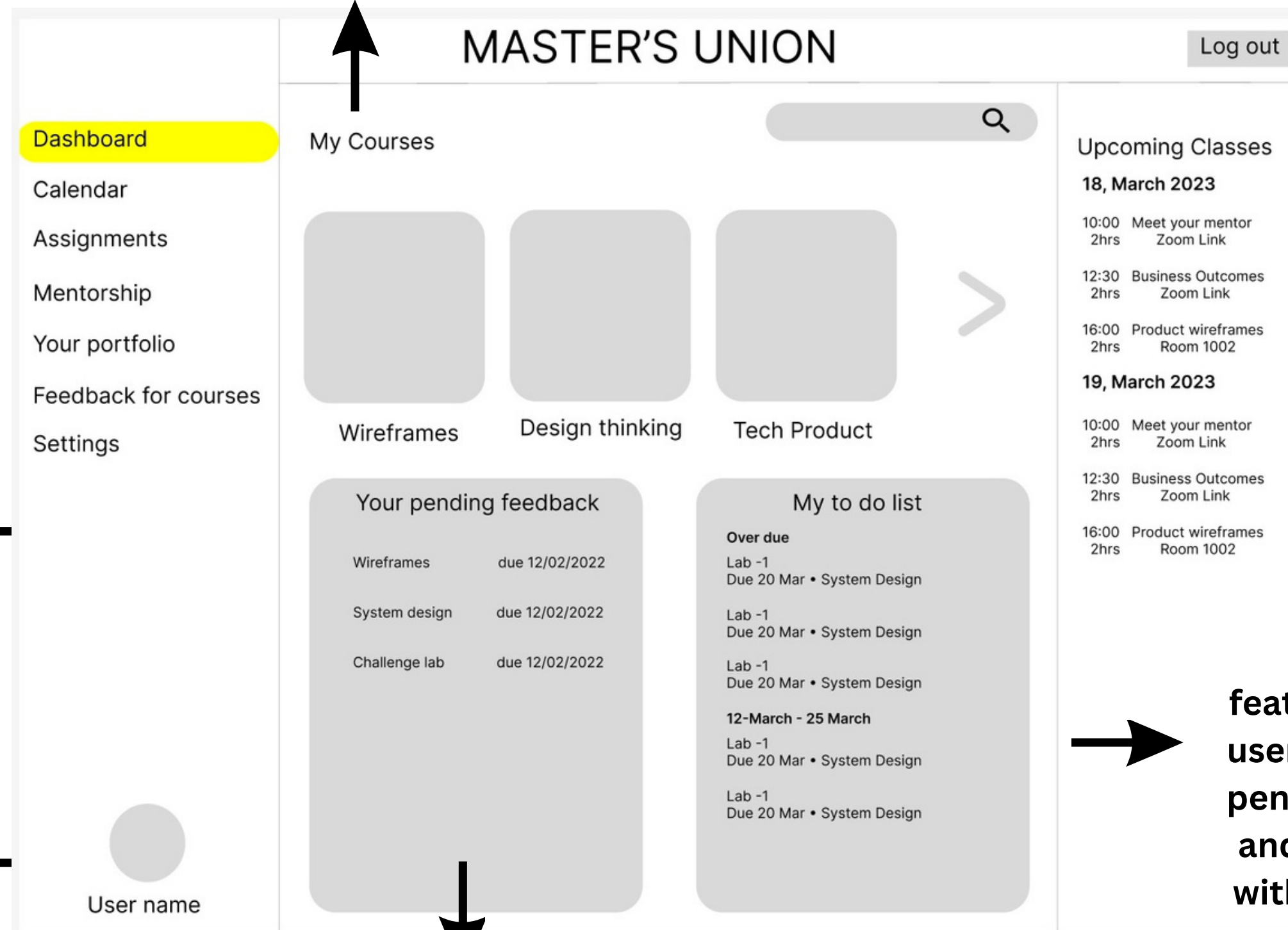


Assignment

The section where users can submit their assignments and see their grading with relevant information.

Adding key features and redesigning the LMS

A Section of my courses



Log out

A log out option

A right side bar where the users can see the upcoming classes

A to do list feature where the user can see their pending projects and assignments with the deadline

A left sidebar for accessing other features in the portal.

Users profile picture and name

A pending section where the users can see their pending feedback tasks

Calendar

MASTER'S UNION

This feature will
change month

Log out

A log out option

Dashboard

Calendar

Assignments

Mentorship

Your portfolio

Feedback for courses

Settings

Student Calendar

2023 March

Sunda	Monda	Tue	Wedne	Thun	Frída	Satunda
1	2	3 <i>sday</i>	4 <i>sday</i>	5 <i>Cuesday</i> <i>Maya</i>	6	7
8 <i>Molken's</i> <i>Day</i>	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30 <i>Memorial</i> <i>Day</i>	31 <i>Doctor's</i>	1 Jun e	2	3	4

18, March 2023

- 10:00 Meet your mentor
2hrs Zoom Link
- 12:30 Business Outcomes
2hrs Zoom Link
- 16:00 Product wireframes
2hrs Room 1002

When clicked on the
specific date on the
calendar it shows
the activity of the
day which are
scheduled for the
users

Basic Calendar

Users profile
picture and name



User name

Assignment page for students

MASTER'S UNION

Log out

Dashboard
Calendar
Assignments
Mentorship
Your portfolio
Feedback for courses
Settings

Select Course

Technical Product Management

Choose Assignment No.

Submit as Individual Submit as Team

Assignments

Assignment	Completion status	Score	Evaluation status	Due Data
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Users profile picture and name

User name

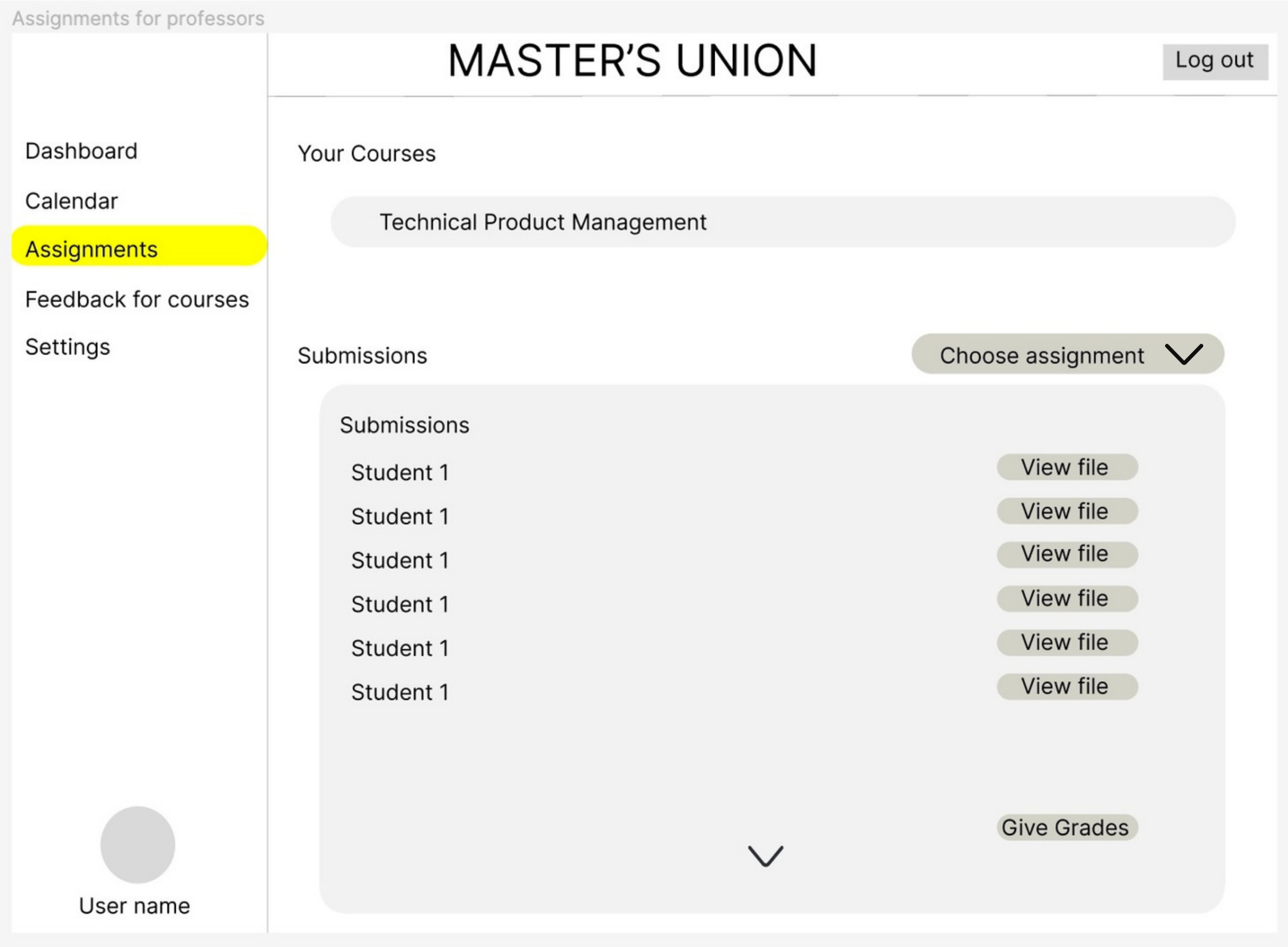
A log out option

User can select the course and the assignment name or number.

Two button for users for submitting as team or Individual.

A section where the users can see their evaluation of the assignments.

Assignment page for Professors



Log out

log out option

Dashboard

Calendar

Assignments

Feedback for courses

Settings

Your Courses

Technical Product Management

Submissions

Choose assignment

Submissions

Student 1

View file

Student 1

View file

Student 1

View file

Student 1

View file

Student 1

View file

Student 1

View file

Give Grades

Scroll down button for users to show options

A section where the user can see the student submissions and give grades.

A button to open grade page(not in the wireframe)

Users profile picture and name

User name

Booking mentorship session

The screenshot shows a web interface for booking a mentorship session. On the left is a sidebar with navigation options: Dashboard, Calendar, Assignments, Mentorship (highlighted in yellow), Your portfolio, Feedback for courses, and Settings. At the top of the main content area, there is a header for 'MASTER'S UNION' with a 'Log out' button. Below the header, the text 'Book session with your mentors' is followed by a dropdown menu currently set to 'Available'. There are four mentor cards displayed: Neha, Aditya, Parul, and Joseph. Each card has a 'Check slots' button. Aditya's card is highlighted in yellow, and its available time slots are listed below: 4:00 - 4:15, 4:15 - 4:30, 4:30 - 4:45, 4:45 - 5:00 (highlighted in yellow), and 5:00 - 5:15. Below the cards is a 'Confirm Booking' button. At the bottom, a confirmation message reads: 'Your booking has been confirm, link will shared soon via your email address'. On the far left, a user profile picture and name are visible.

Log out

Log out option for users

- Dashboard
- Calendar
- Assignments
- Mentorship**
- Your portfolio
- Feedback for courses
- Settings

Available



A slide bar for the number of mentor registered in the portal

Neha
Check slots

Aditya
Check slots

Parul
Check slots

Joseph
Check slots



This button will color the available timings for that particular mentor

4:00 - 4:15 4:15 - 4:30
4:30 - 4:45 **4:45 - 5:00**
5:00 - 5:15

Confirm Booking



The "confirm booking" button

Your booking has been confirm, link will shared soon via your email address

User's profile picture and name



User name

Portfolio

The screenshot shows a web application interface for a portfolio management system. The interface is divided into several sections:

- Sidebar:** A vertical list of navigation options: Dashboard, Calendar, Assignments, Mentorship, **Your portfolio** (highlighted in yellow), Feedback for courses, and Settings.
- Main Content Area:**
 - Header:** "MASTER'S UNION" on the left and "Log out" on the right.
 - Your Portfolio:** A section with three gray placeholder boxes labeled "Portfolio 1", "Portfolio 2", and "Portfolio 3". To the right of these boxes are icons for editing (pencil) and adding (+), and a right-pointing chevron (>).
 - Your Portfolio Table:** A table with the following structure:

S.no	Feedback	Given by:	Date
Portfolio 1			
- User Profile:** A section at the bottom left with a gray circle representing a profile picture and the text "User name" below it.

→ A log out option for users

→ Edit and add button for the users to edit or add their portfolio

→ A table section for the feedback details

← User's profile picture and name

Feedback for courses

The screenshot shows a web application interface for 'Feedback for courses'. The page title is 'Feedback'. The main header is 'MASTER'S UNION' with a 'Log out' button in the top right corner. A left sidebar contains a navigation menu with the following items: Dashboard, Calendar, Assignments, Mentorship, Your portfolio, Feedback for courses (highlighted in yellow), and Settings. At the bottom of the sidebar is a grey circle representing a user profile and the text 'User name'. The main content area is titled 'Your Feedbacks' and lists three course entries under the heading 'TERM 1'. Each entry consists of the course name 'Designing Wireframes' and the faculty name 'Taught by Kenley Stark'. To the right of each course entry is a yellow 'Submit Feedback' button. An arrow points from the text 'Name of the courses and the faculty' to the course information in the first entry. Another arrow points from the text 'Button which takes to its feedback text box' to the 'Submit Feedback' button of the first entry.

**Name of the courses
and the faculty**

**Button which takes
to its feedback text
box**

Feedback for courses

Feedback form

MASTER'S UNION Log out

Feedback:

Feedback form

Please fill in your feedback

User name

Text box to fill the feedback for that particular course

Submit

Submit button

Metrics: How would I measure success for the solution?

Metrics	Rationale:
<p>-Feedback Summary Report: This report displays the user's feedback on their enrolled courses.</p> <p>-Course material analysis: This metric will track the % of the course material each user has read or has gone through.</p> <p>-No. of mentoring sessions: This metric will track the number of mentorship sessions being booked per week/month.</p> <p>-No. of daily active users: This metric will track the number of daily users and how many times a student accesses the portal daily.</p>	<p>-This metric will solve the problem of collecting course feedback via an email form which major LMS is doing.</p> <p>-This metric will help the professor/T. A to major how many students are actually reading their course material and till when they are reading it.</p> <p>-This metric will help us to see how many students are actually opting for mentorship sessions.</p> <p>-This metric will help us really understand how many students & professors are using the portal on a daily basis which will help us in the future if we are going to add new features to LMS and it help us track its success and failure.</p>

Thank you