



**CS 319**  
**Object-Oriented Software Engineering**

**ProctorHub**  
**Deliverable 2 - 2<sup>nd</sup> Iteration**

Section-1  
08.04.2025

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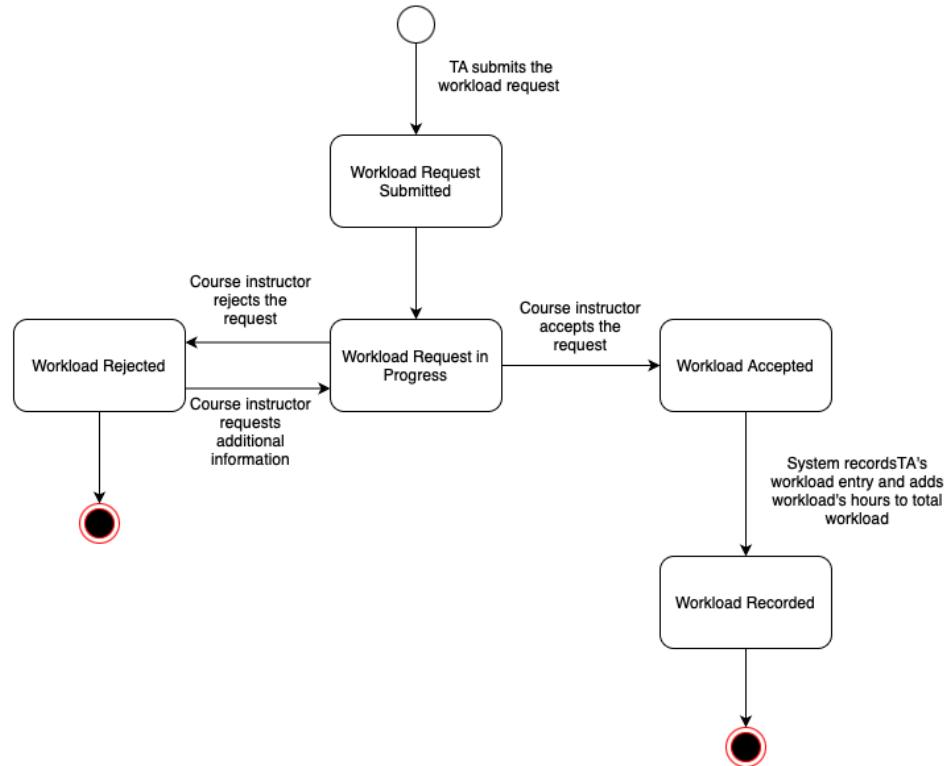
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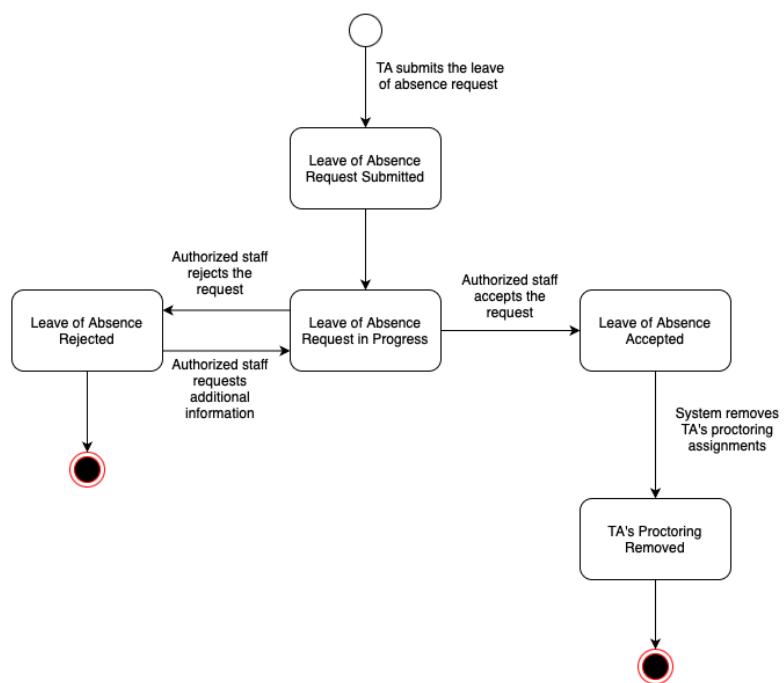
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# 1. State Diagrams

## 1.1. Workload State Diagram

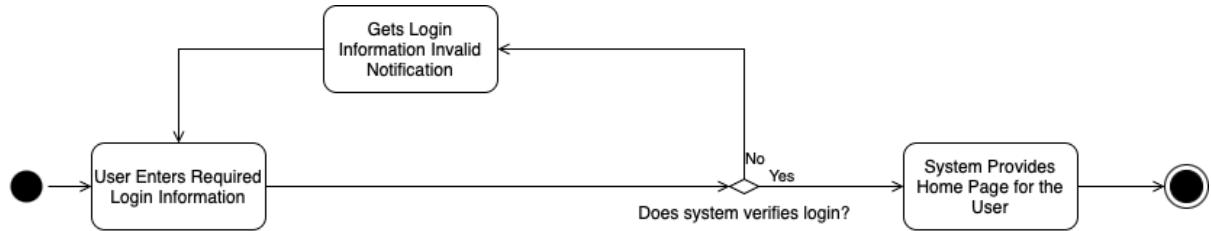


## 1.2. Leave of Absence State Diagram

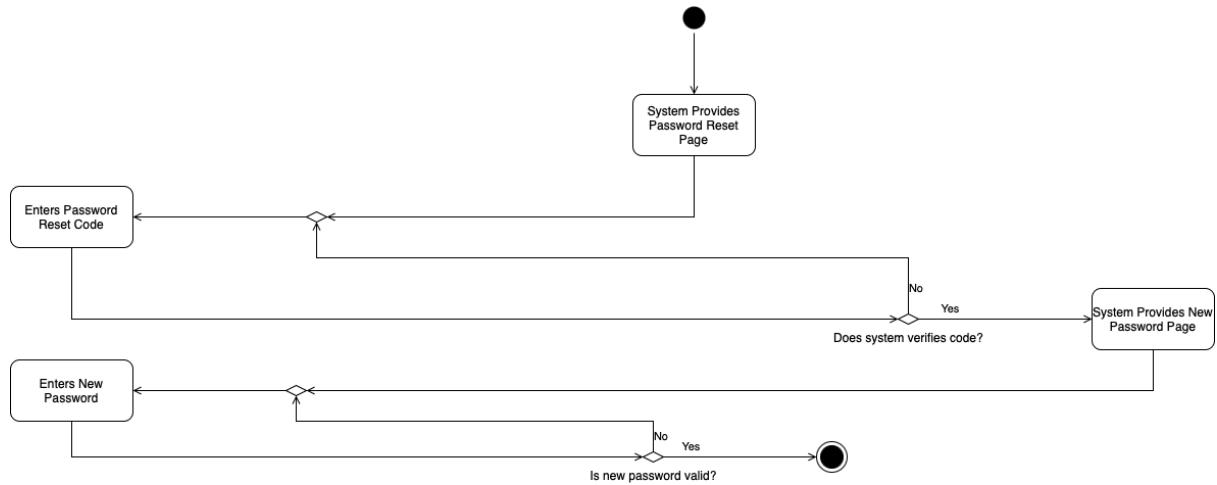


## 2. Activity Diagrams

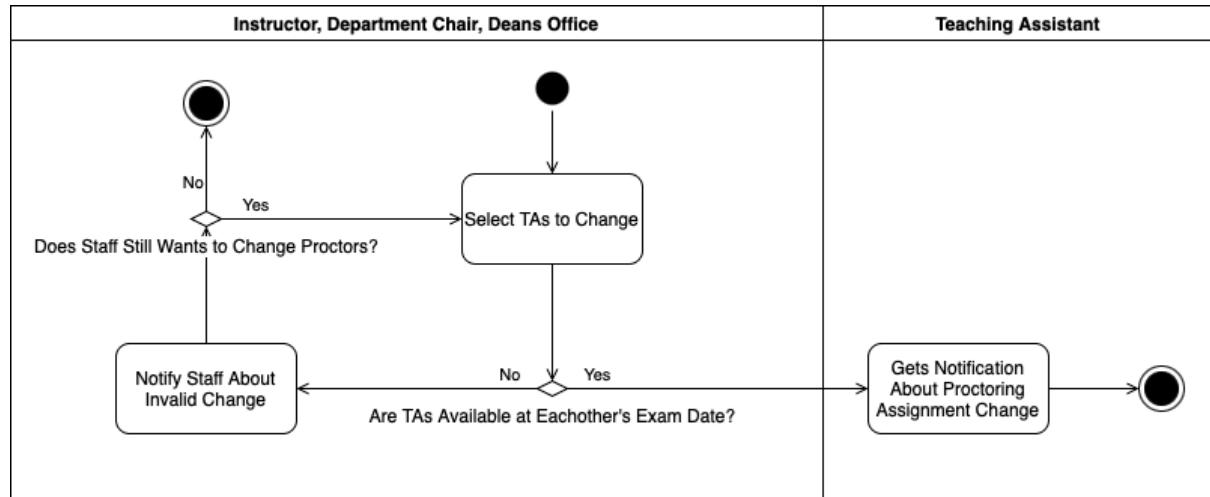
### 2.1. Login Activity Diagram



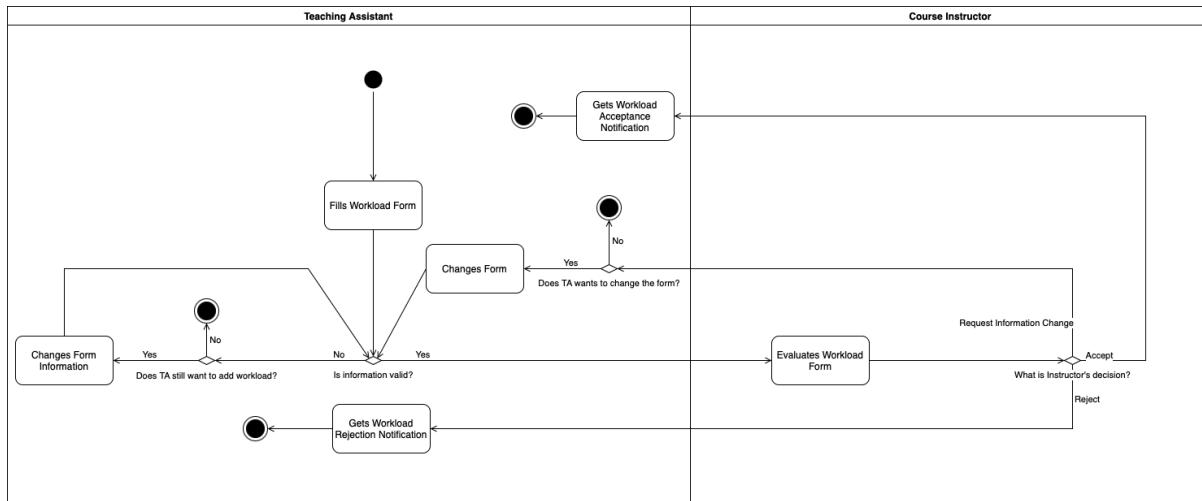
### 2.2. Forgot Password Activity Diagram



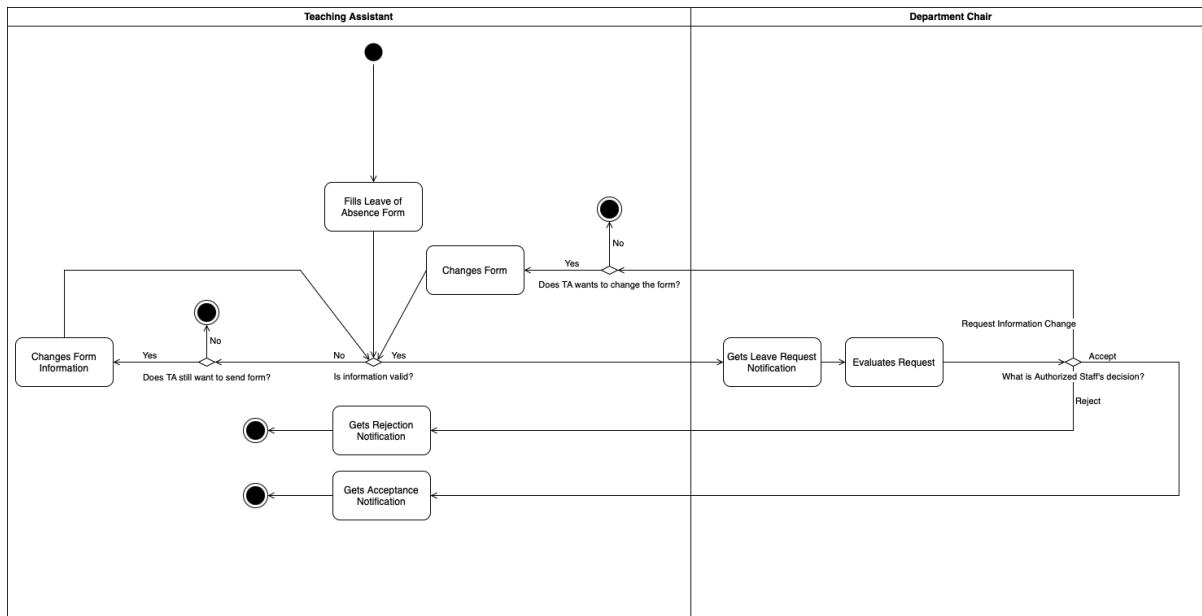
### 2.3. Change Proctor Activity Diagram



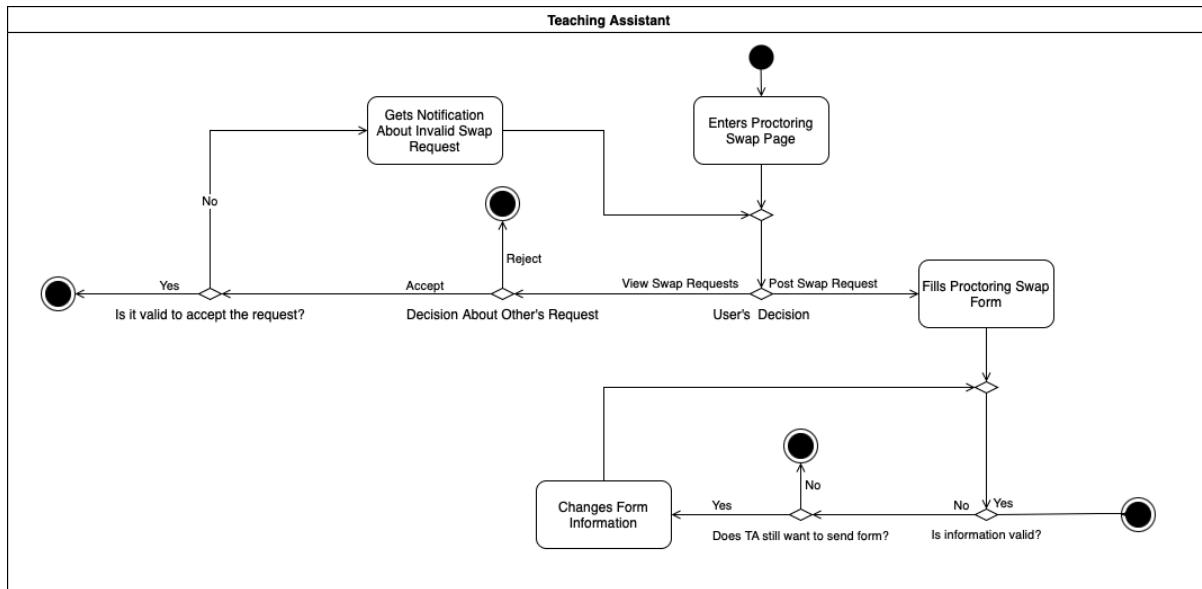
## 2.4. Workload Activity Diagram



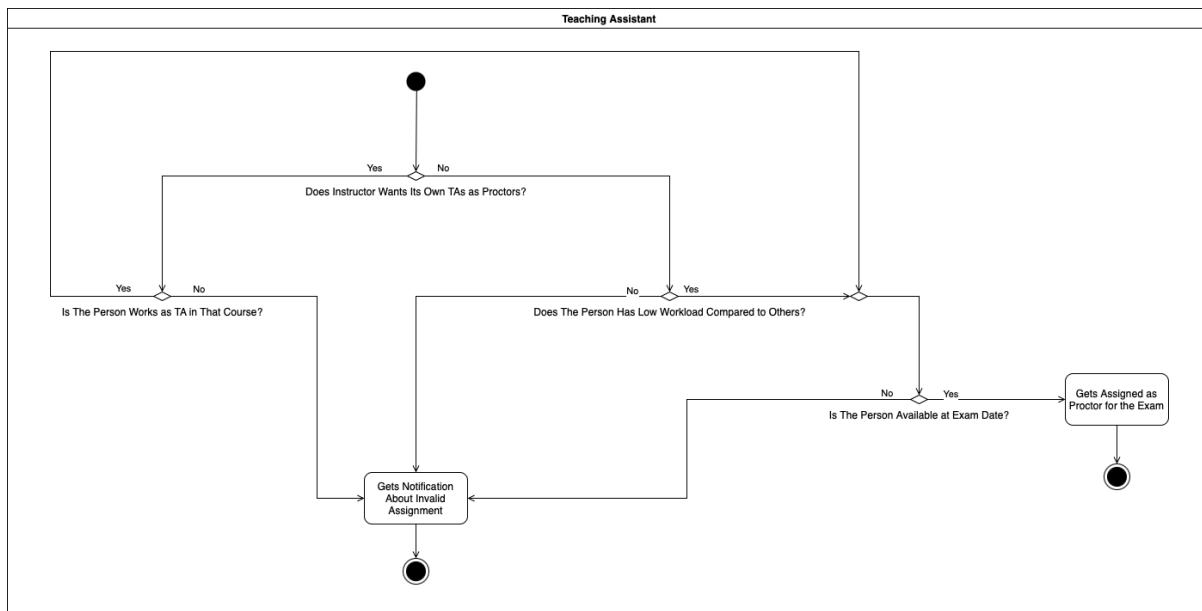
## 2.5. Leave of Absence Activity Diagram



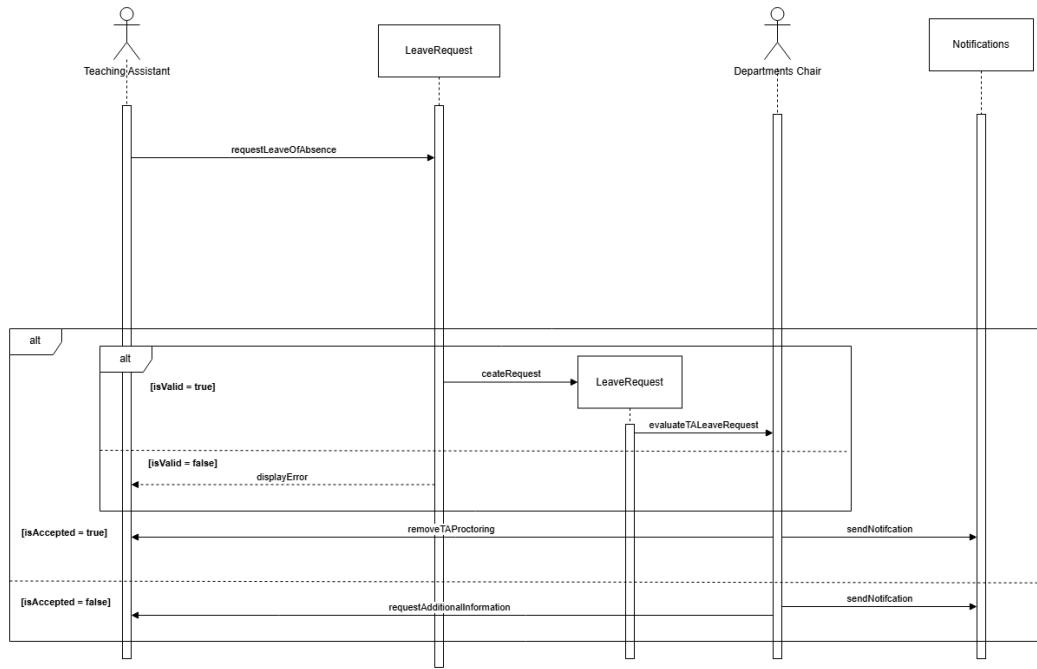
## 2.6. Proctoring Swap Activity Diagram



## 2.7. Proctor Assignment Activity Diagram



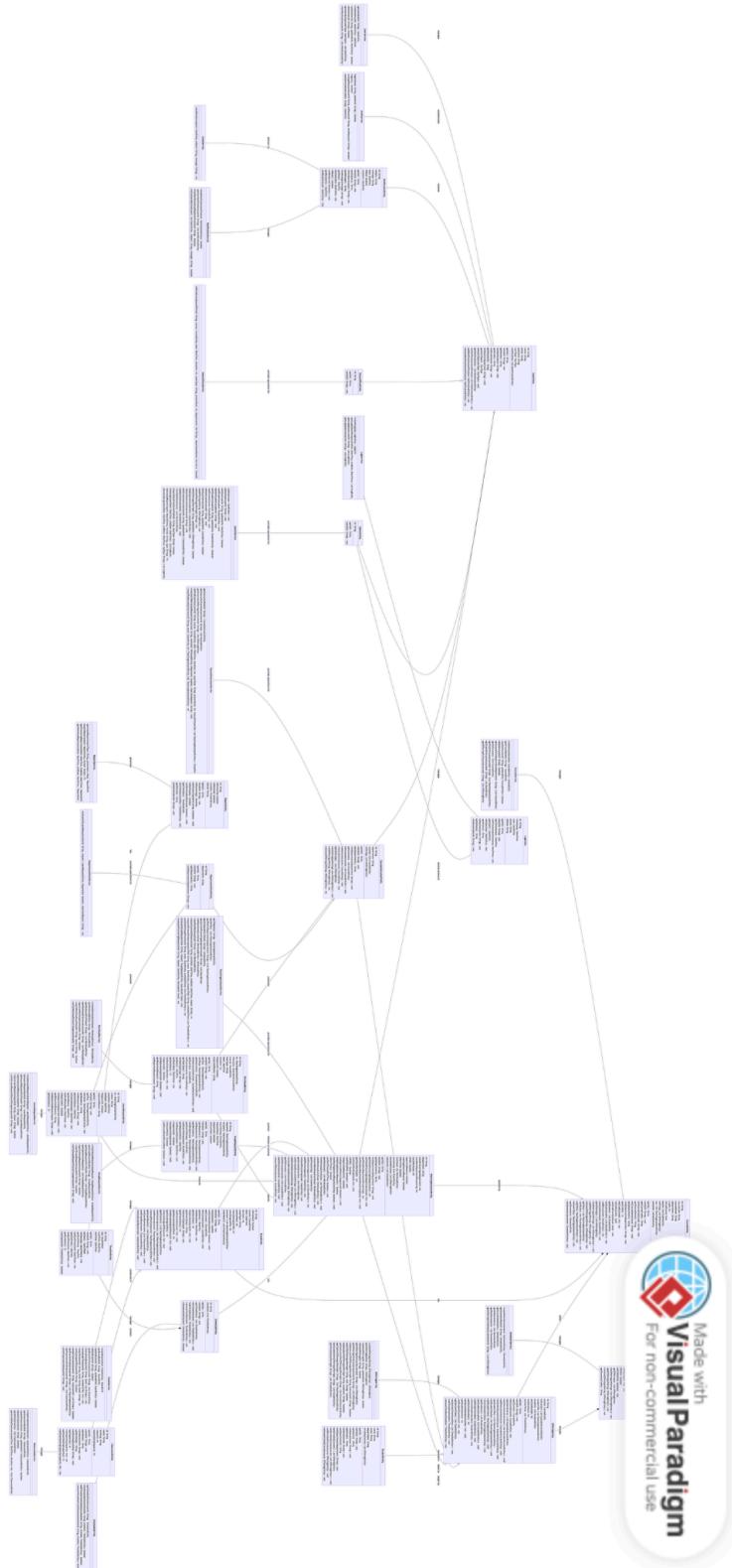
### 3. Leave of Absence Sequence Diagram



## 4. Class Diagram

Since the class diagram is not displayed well, here is the link:

Drive Link: <https://drive.google.com/file/d/1OjlsuDfqH-aDZJmiLguFAurw2IYCeRkd/view>



## 5. Non-functional Requirements

Quality Requirements:

- All pages should load within 3 seconds under normal load conditions.
- The backend server must respond within 2 seconds for API requests under peak load.
- Data retrieval must be completed within 2 seconds.
- Notifications should be sent within 3 seconds.
- The system should not lose data in case of a crash and should support automatic recovery within 1 hour.
- Weekly automated backups must be performed to prevent data loss.
- The system should implement role-based access control to prevent unauthorized actions, with defined roles: Admin, Instructor, Dean's Office, Administrative Assistant, Department Chair, Instructor and Teaching Assistant..
- Passwords and private information should be hashed using a cryptographic algorithm.
- Failed login attempts should be limited to 5 retries per hour to prevent brute-force attacks.

Constraints and Pseudo Requirements

- There should be cookie consent.
- The frontend should be implemented using React.js, and the backend should be built using Node.js with Express.js.
- The database should use MySQL for data management and retrieval.

## 6. Mock-ups

### 6.1. Login Frames

#### 6.1.1. Sign in Page



Bilkent Email

Password

[Forgot password?](#)  [Remember Me](#)

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#### 6.1.2. Sign in Page with Error



Bilkent Email

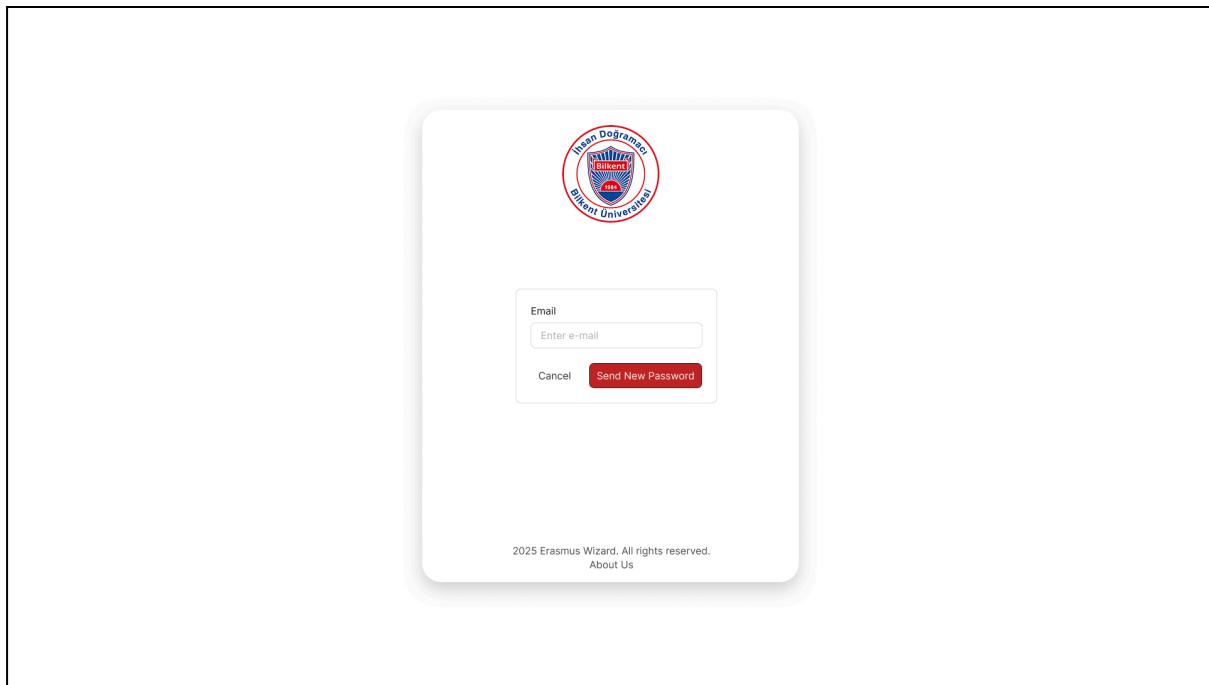
Password

**E-mail or Password is Incorrect!**

[Forgot password?](#)  [Remember Me](#)

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### 6.1.3. Forgot Password Page



## 6.2. TA's Frames

### 6.2.1. TA Main Page

The screenshot shows the TA Main Page interface. At the top, there is a navigation bar with links: Home, Workload, Proctoring, Leave of Absence, and Swap. On the right side of the header are two small icons. Below the header is a "Weekly Schedule" grid for the week of Monday 24 to Sunday 30. The grid shows various events: EEE586 (blue) on Monday 24, CS550 (blue) on Tuesday 25, HIST220 - Proctoring (red) on Thursday 27, EEE586 (blue) on Friday 28, BIO110 - Proctoring (red) on Saturday 29, and PHYS210 - Proctoring (red) on Tuesday 25 and CS202 - Proctoring (red) on Friday 28. To the right of the schedule is a "Proctoring Swap Forum" section containing several swap requests from different users.

**Weekly Schedule**

|       | MON 24 | TUE 25 | WED 26 | THU 27               | FRI 28 | SAT 29             | SUN 30              |
|-------|--------|--------|--------|----------------------|--------|--------------------|---------------------|
| 8:00  |        |        |        |                      |        |                    |                     |
| 9:00  |        |        |        |                      |        |                    |                     |
| 10:00 |        | CS550  |        |                      | EEE586 |                    |                     |
| 11:00 |        |        |        | HIST220 - Proctoring |        |                    |                     |
| 12:00 |        |        |        |                      |        |                    | BIO110 - Proctoring |
| 13:00 | EEE586 |        |        |                      |        |                    |                     |
| 14:00 |        |        |        | PHYS210 - Proctoring |        |                    |                     |
| 15:00 |        |        |        |                      | CS550  | CS202 - Proctoring |                     |
| 16:00 |        |        |        |                      |        |                    |                     |
| 17:00 |        |        |        |                      |        |                    |                     |
| 18:00 |        |        |        |                      |        |                    |                     |
| 19:00 |        |        |        |                      |        |                    |                     |

**Proctoring Swap Forum**

- Sude Ergün wants to swap:  
CS202 Midterm Exam (info icon)  
30/03/2025  
15.00-18.00  
Available: 02/04/2025 to 02/04/2025
- Ahmet Yılmaz wants to swap:  
MATH301 Midterm Exam (info icon)  
31/03/2025  
09.00-11.00  
Available: 30/03/2025 to 01/04/2025
- Zeynep Kaya wants to swap:  
BIO110 Midterm Exam (info icon)  
30/03/2025  
10.30-12.30  
Available: 31/03/2025 to 04/04/2025
- Mehmet Yıldız wants to swap:  
PHYS210 Midterm Exam (info icon)

### 6.2.2. TA Main Page Clicked on Exam

The screenshot shows the TA Main Page interface after clicking on a specific exam in the weekly schedule. A modal dialog box titled "Swap Request from Ahmet Yılmaz" appears over the schedule. The dialog contains the following information:

**Requester's Exam**  
Course: MATH301  
Date: 31/03/2025  
Time: 09.00-11.00  
Classrooms: EA101, EA102

**Available Swap Period:** 30/03/2025 to 01/04/2025

**Your Compatible Exams**

|                      |             |
|----------------------|-------------|
| BIO110 / 30/03/2025  | 10.30-12.30 |
| STAT205 / 31/03/2025 | 13.00-15.00 |

**Accept Swap**

The rest of the page shows the weekly schedule and the "Proctoring Swap Forum" section, which remains the same as in the previous screenshot.

### 6.2.3. TA Workload Page

The screenshot shows the TA Workload Page with a red header bar containing navigation links: Home, Workload (which is the active tab), Proctoring, Leave of Absence, and Swap. To the right of the header are icons for notifications and user profile.

On the left side, there are three large circular icons with numbers and corresponding text:

- A green icon with the number 37, labeled "Total Approved Workload Hours".
- A red icon with the number 8, labeled "Total Waiting Workload Hours".
- A red circle with a white plus sign, labeled "Add Workload".

In the center, there are two main sections:

- Waiting For Approval:** A list of pending workload requests:
  - CS224 - Lab work  
16.03.2025 - 4 hours  
Instructor: Fazli Can
  - CS102 - Grading  
13.03.2025 - 4 hours  
Instructor: Uğur Gündükbay
- Approved Workloads:** A list of approved workload requests:
  - CS224 - Lab work  
02.03.2025 - 4 hours  
Instructor: Fazli Can
  - CS102 - Grading  
07.03.2025 - 4 hours  
Instructor: Uğur Gündükbay
  - CS224 - Lab work  
12.02.2025 - 4 hours  
Instructor: Fazli Can
  - CS102 - Grading  
17.02.2025 - 4 hours  
Instructor: Uğur Gündükbay

### 6.2.4. TA Workload Page Add Workload Popup

The screenshot shows the TA Workload Page with the "Add Workload" popup open in the foreground. The background shows the same layout as the previous screenshot, including the red header bar, workload statistics, and approved workloads list.

The "Add Workload" popup contains the following fields:

- Instructor Email:** An input field with placeholder text "Enter instructor e-mail".
- Course Code:** An input field with placeholder text "Enter course code".
- Date:** A date input field with placeholder text "mm/dd/yyyy".
- Enter time:** A time input field showing "04 : 00".
- Select the workload type:** A dropdown menu with options: Lab Work (radio button), Grading (radio button), Recitation (radio button, selected), and Office Hour (radio button).

At the bottom of the popup is a red "Send Workload Request" button.

If the TA wants to proctor multidepartment exams, the TA can click on the button at the bottom left and indicate to the system that the TA can proctor multidepartment exams.

### 6.2.5. TA Proctoring Page Yes Multidepartment

The screenshot shows the TA Proctoring Page with the following interface elements:

- Header:** Home, Workload, **Proctoring**, Leave of Absence, Swap, Notifications, User Profile.
- Total Proctoring Hours:** 12 hours, represented by a green circular icon with the number 12.
- Total Rejected Proctoring Number:** 1, represented by a red circular icon with the number 1.
- Multidepartment Exam Proctoring Request:** A green checkmark icon.
- Waiting for Approval:** Two exam entries:
  - CS102 Midterm Exam on 18.03.2025 from 13.00-16.00 in Clasrooms: EE201 - EE202. Status: Approved (green checkmark).
  - CS315 Midterm Exam on 21.03.2025 from 18.00-21.00 in Clasrooms: EA101 - EA102. Status: Pending (red X).
- Current Proctoring Assignments:** Three exam entries:
  - CS201 Midterm Exam on 22.03.2025 from 13.00-16.00 in Clasrooms: EE101 - EE102.
  - MATH102 Midterm Exam on 25.03.2025 from 18.00-21.00 in Clasrooms: B101 - B102 - B103 - B104.
  - CS101 Midterm Exam on 27.03.2025 from 15.00-18.00 in Clasrooms: EA201- EA202.

### 6.2.6. TA Proctoring Page No Multidepartment

The screenshot shows the TA Proctoring Page with the following interface elements:

- Header:** Home, Workload, **Proctoring**, Leave of Absence, Swap, Notifications, User Profile.
- Total Proctoring Hours:** 12 hours, represented by a green circular icon with the number 12.
- Total Rejected Proctoring Number:** 1, represented by a red circular icon with the number 1.
- Multidepartment Exam Proctoring Request:** A red X icon.
- Waiting for Approval:** Two exam entries:
  - CS102 Midterm Exam on 18.03.2025 from 13.00-16.00 in Clasrooms: EE201 - EE202. Status: Pending (red X).
  - CS315 Midterm Exam on 21.03.2025 from 18.00-21.00 in Clasrooms: EA101 - EA102. Status: Pending (red X).
- Current Proctoring Assignments:** Three exam entries:
  - CS201 Midterm Exam on 22.03.2025 from 13.00-16.00 in Clasrooms: EE101 - EE102.
  - MATH102 Midterm Exam on 25.03.2025 from 18.00-21.00 in Clasrooms: B101 - B102 - B103 - B104.
  - CS101 Midterm Exam on 27.03.2025 from 15.00-18.00 in Clasrooms: EA201- EA202.

## 6.2.7. TA Proctoring Page Submit Accept

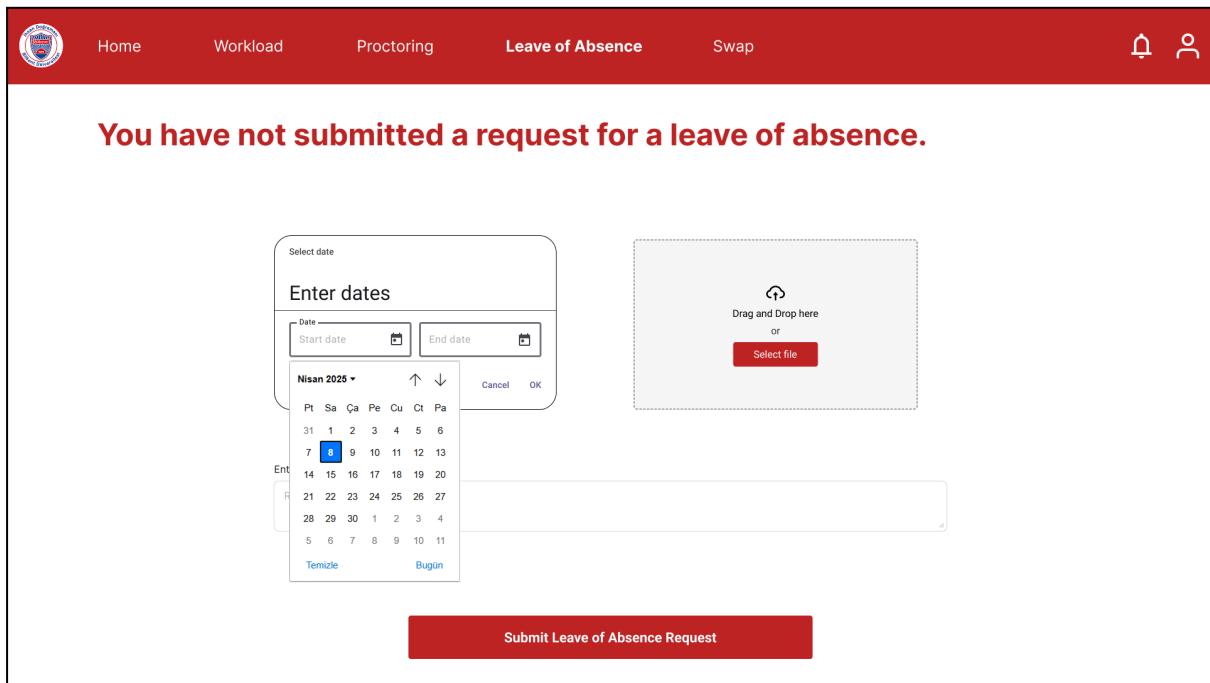
The screenshot shows the TA Proctoring page with a central modal dialog titled "Waiting for Approval". The dialog contains two entries: "CS102 Midterm Exam" and "CS315 Midterm Exam". Each entry includes the exam date and time, and the room locations. Below each entry is a "Submit for Accept" button with a checkmark icon and a "Submit for Reject" button with a red X icon. A confirmation message "Are you sure you want to continue?" is displayed above the buttons. At the bottom of the dialog are "Yes" and "No" buttons. To the right of the dialog, there is a section titled "Current Proctoring Assignments" listing several exams with their details.

## 6.2.8. TA Proctoring Page Submit for Reject

The screenshot shows the TA Proctoring page with a central modal dialog titled "Waiting for Approval". The dialog contains two entries: "CS102 Midterm Exam" and "CS315 Midterm Exam". Each entry includes the exam date and time, and the room locations. Below each entry is a "Submit for Accept" button with a green checkmark icon and a "Submit for Reject" button with a red X icon. A confirmation message "Are you sure you want to continue?" is displayed above the buttons. At the bottom of the dialog are "Yes" and "No" buttons. To the right of the dialog, there is a section titled "Current Proctoring Assignments" listing several exams with their details.

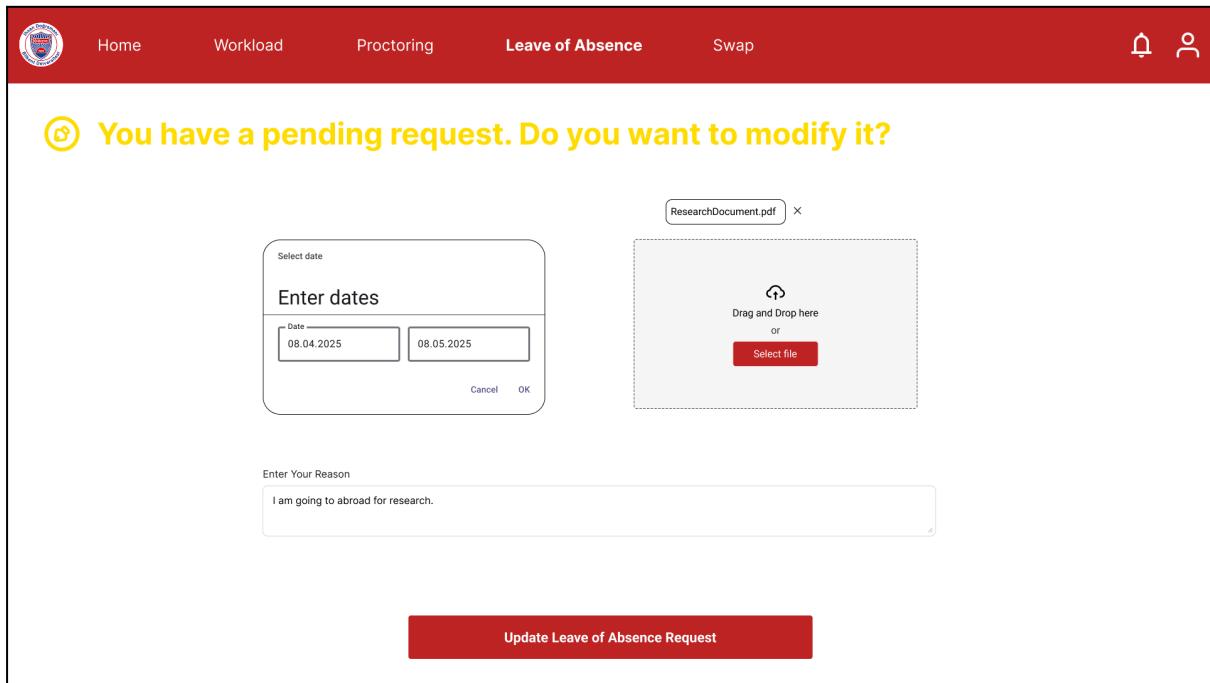
There are 3 different looks of Leave Of Absence according to the current situation. If the leave of absence request has not been submitted before, the submission page will appear. If there is a leave of absence request that has been submitted before, the modify page will appear. If the leave of absence request is accepted, the last page will appear.

### 6.2.9. TA Leave of Absence Page Submit



This screenshot shows the 'Leave of Absence' submission page. At the top, there is a red header bar with the university logo, 'Home', 'Workload', 'Proctoring', 'Leave of Absence' (which is highlighted in white), 'Swap', and user icons for notifications and profile. Below the header, a red message box displays the text 'You have not submitted a request for a leave of absence.' In the center, there is a 'Select date' calendar for April 2025. The calendar shows days from 1 to 30, with April 8th highlighted in blue. Below the calendar is a 'Submit Leave of Absence Request' button. To the right of the calendar is a file upload area with a placeholder 'ResearchDocument.pdf' and a 'Select file' button. A large empty text area is also present below the file upload area.

### 6.2.10. TA Leave of Absence Page Modify



This screenshot shows the 'Leave of Absence' modification page. At the top, there is a red header bar with the university logo, 'Home', 'Workload', 'Proctoring', 'Leave of Absence' (which is highlighted in white), 'Swap', and user icons for notifications and profile. Below the header, a yellow message box displays the text 'You have a pending request. Do you want to modify it?' with a circular icon containing a question mark. In the center, there is a 'Select date' calendar for April 2025, showing dates from 08.04.2025 to 08.05.2025. Below the calendar is a file upload area with a placeholder 'ResearchDocument.pdf' and a 'Select file' button. A large empty text area is also present below the file upload area. At the bottom, there is an 'Enter Your Reason' input field containing the text 'I am going to abroad for research.' and a 'Update Leave of Absence Request' button.

## 6.2.11. TA Leave of Absence Page Accepted

The screenshot shows a red header bar with navigation links: Home, Workload, Proctoring, Leave of Absence (which is bolded), and Swap. On the right side of the header are icons for notifications and user profile. The main content area has a white background. At the top, it displays the message "Your leave of absence request has been accepted." Below this, it shows the start time as "01/01/2025" and the end time as "01/04/2025". Further down, it indicates "Remaining: 14 days".

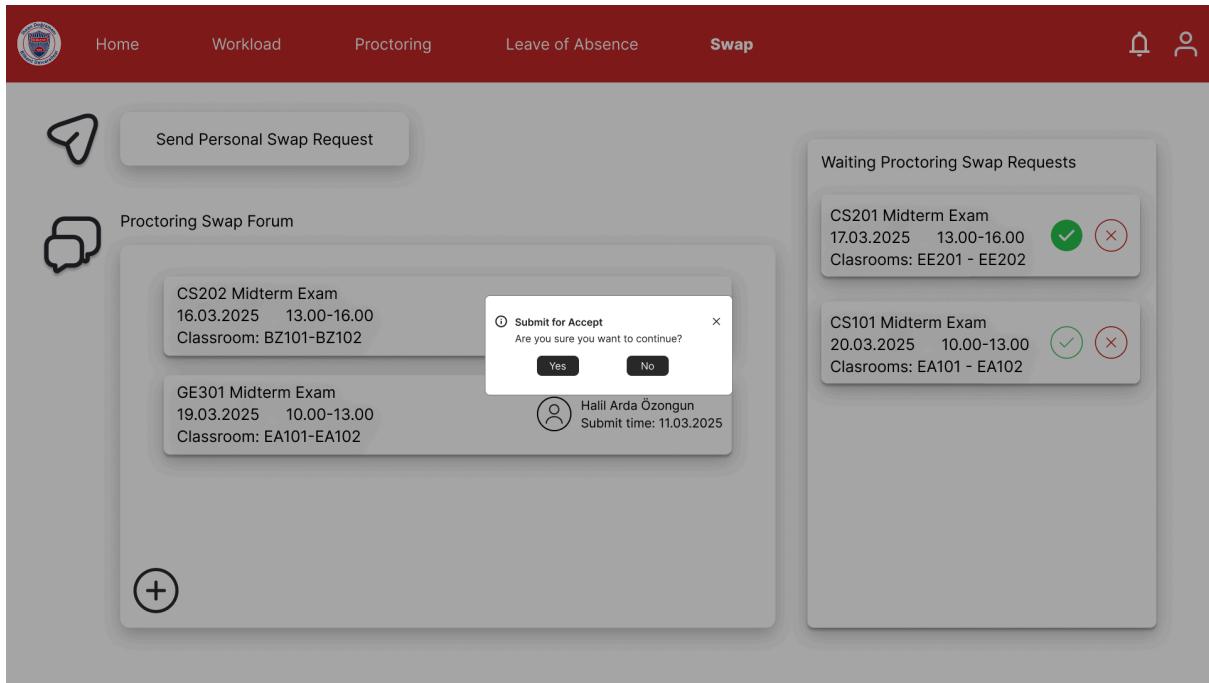
## 6.2.12. TA Swap Page

The screenshot shows a red header bar with navigation links: Home, Workload, Proctoring, Leave of Absence, and Swap (which is bolded). On the right side of the header are icons for notifications and user profile. The main content area has a white background. It features several icons: a blue arrow pointing right labeled "Send Personal Swap Request", a speech bubble icon labeled "Proctoring Swap Forum", and a plus sign icon. To the right, there is a section titled "Waiting Proctoring Swap Requests" which lists two exam swap requests. Each request includes the exam name, date, time, classroom, submitter's name, and a timestamp. Next to each request are green checkmark and red X icons.

| Exam               | Date       | Time        | Classroom   | Submitter          | Timestamp  | Action |
|--------------------|------------|-------------|-------------|--------------------|------------|--------|
| CS202 Midterm Exam | 16.03.2025 | 13.00-16.00 | BZ101-BZ102 | Sude Ergün         | 07.03.2025 |        |
| GE301 Midterm Exam | 19.03.2025 | 10.00-13.00 | EA101-EA102 | Halli Arda Özongun | 11.03.2025 |        |

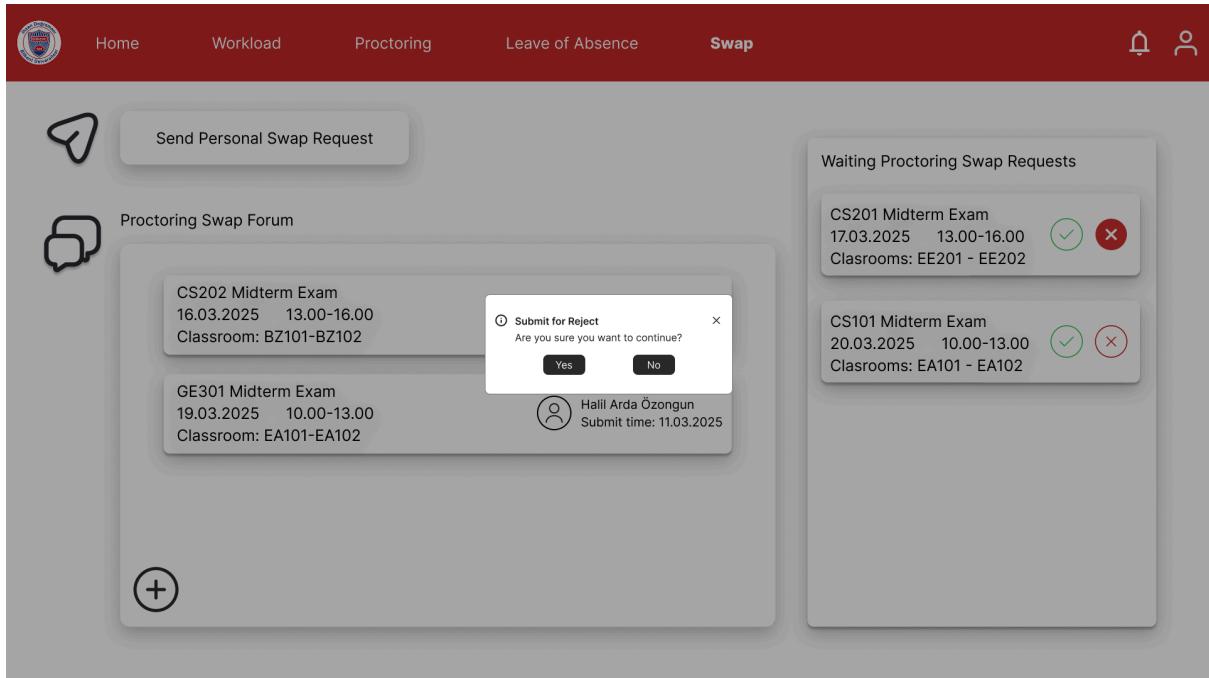
The text next to the send icon is also a button. By clicking on the button, TA can see the send personal swap request pop-up.

### 6.2.13. TA Swap Page Accept Swap Request



This screenshot shows the TA Swap page with the 'Swap' tab selected. In the center, there's a 'Proctoring Swap Forum' section displaying two exam swap requests. The first request is for CS202 Midterm Exam on 16.03.2025 from BZ101-BZ102 to BZ102-BZ101. The second request is for GE301 Midterm Exam on 19.03.2025 from EA101-EA102 to EA102-EA101. Below these requests is a large circular button with a plus sign. To the right, under 'Waiting Proctoring Swap Requests', there are two more requests: CS201 Midterm Exam on 17.03.2025 from EE201-EE202 to EE202-EE201, and CS101 Midterm Exam on 20.03.2025 from EA101-EA102 to EA102-EA101. Each request has a green checkmark and a red X icon.

### 6.2.14. TA Swap Page Reject Swap Request



This screenshot shows the TA Swap page with the 'Swap' tab selected. It displays the same 'Proctoring Swap Forum' and waiting requests as the previous screenshot. However, the 'Submit for Accept' button has been replaced by a 'Submit for Reject' button. A confirmation dialog box is overlaid on the interface, asking 'Are you sure you want to continue?' with 'Yes' and 'No' buttons. The user's profile picture and name 'Halil Arda Özongun' are visible next to the dialog. The overall layout is identical to the accept request screenshot, with the main difference being the 'Reject' button instead of 'Accept'.

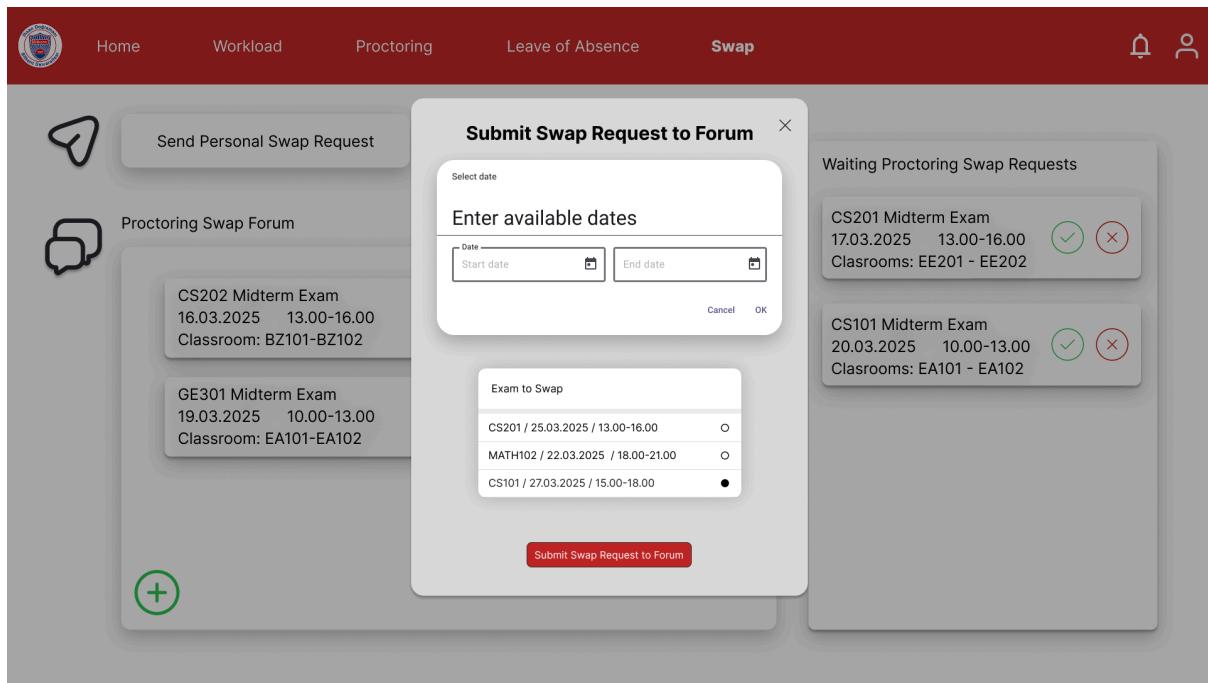
### 6.2.15. TA Swap Page Click Exam on Forum

The screenshot shows the TA Swap page with a red header bar containing icons for Home, Workload, Proctoring, Leave of Absence, Swap, and user profile. Below the header, there are two main sections: "Proctoring Swap Forum" and "Waiting Proctoring Swap Requests". In the "Proctoring Swap Forum" section, there are two exam entries: "CS202 Midterm Exam" and "GE301 Midterm Exam". A modal window titled "Send Personal Swap Request" is open over the forum. The modal contains fields for "TA Name Surname" (with placeholder "Enter TA name surname") and "Select date" (with "Start date" and "End date" fields). Below these is a "Exam to Swap" section with three options: "CS201 / 25.03.2025 / 13.00-16.00" (radio button), "MATH102 / 22.03.2025 / 18.00-21.00" (radio button), and "CS101 / 27.03.2025 / 15.00-18.00" (radio button, selected). At the bottom of the modal is a red "Swap" button.

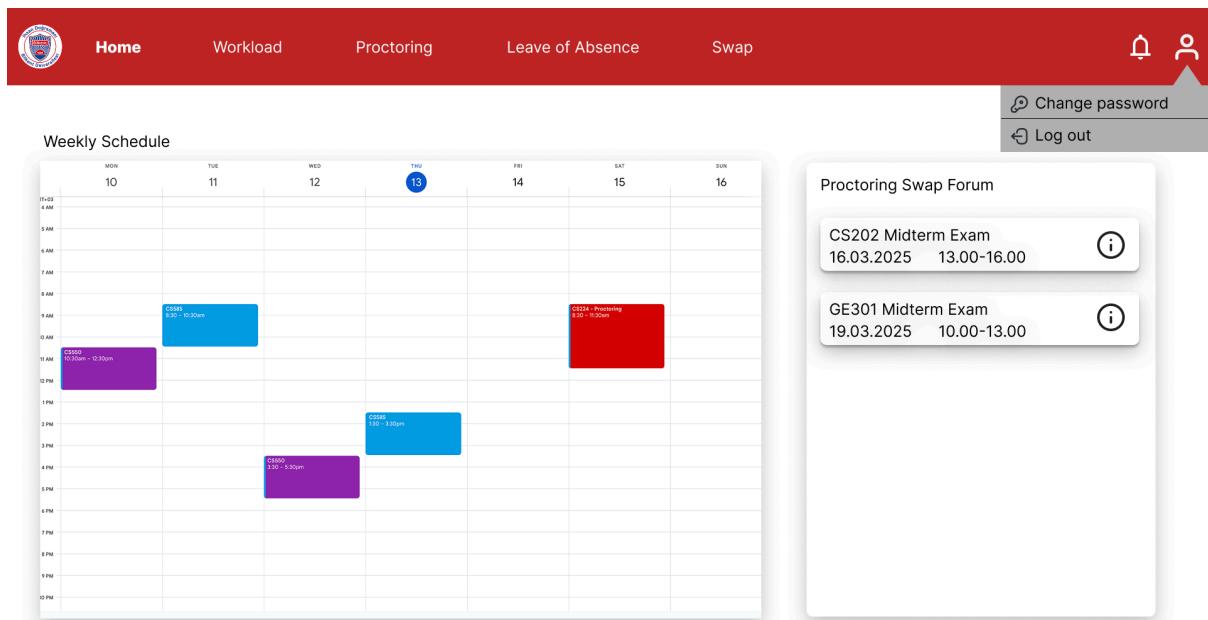
### 6.2.16. TA Swap Page Send Personal Swap Request

This screenshot shows the same TA Swap page as above, but the "Send Personal Swap Request" modal is now fully populated. The "TA Name Surname" field contains "sude.ergun@bilkent.edu.tr". The "Select date" section shows "Start date" as "25.03.2025" and "End date" as "27.03.2025". The "Exam to Swap" section has the same three options as before, with "CS101 / 27.03.2025 / 15.00-18.00" selected. At the bottom of the modal is a red "Send Personal Swap Request" button. The background "Proctoring Swap Forum" and "Waiting Proctoring Swap Requests" sections remain visible.

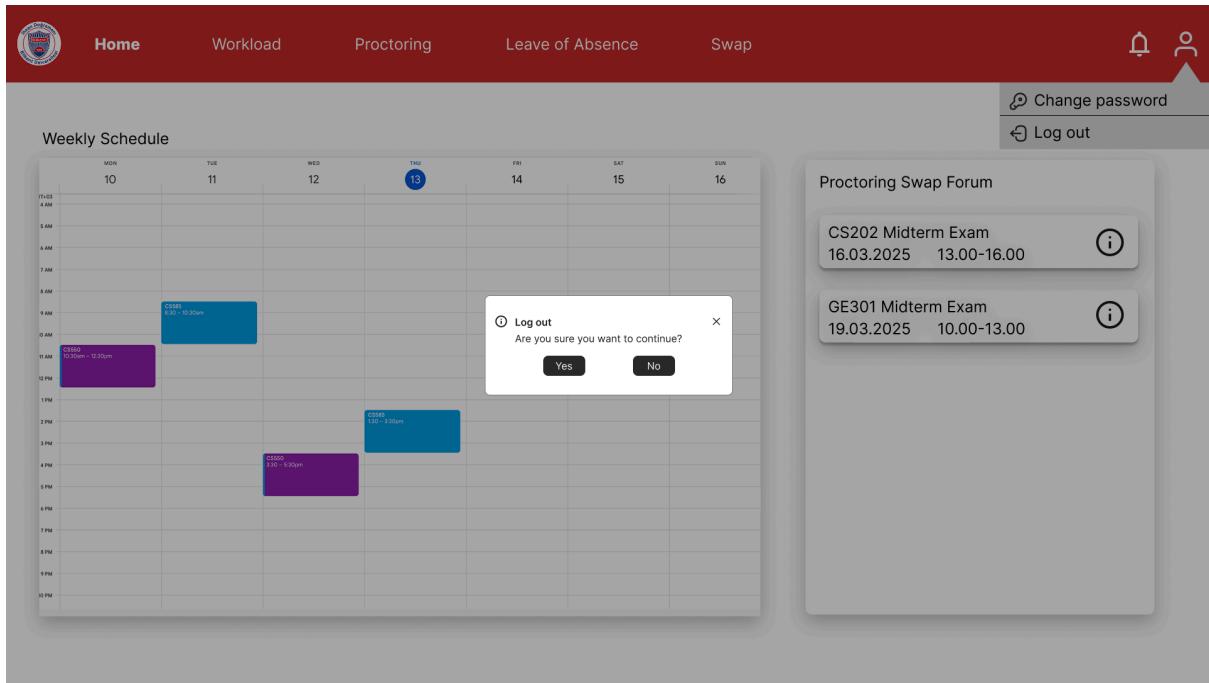
## 6.2.17. TA Swap Page Add Request to Forum



## 6.2.18. TA User Clicked

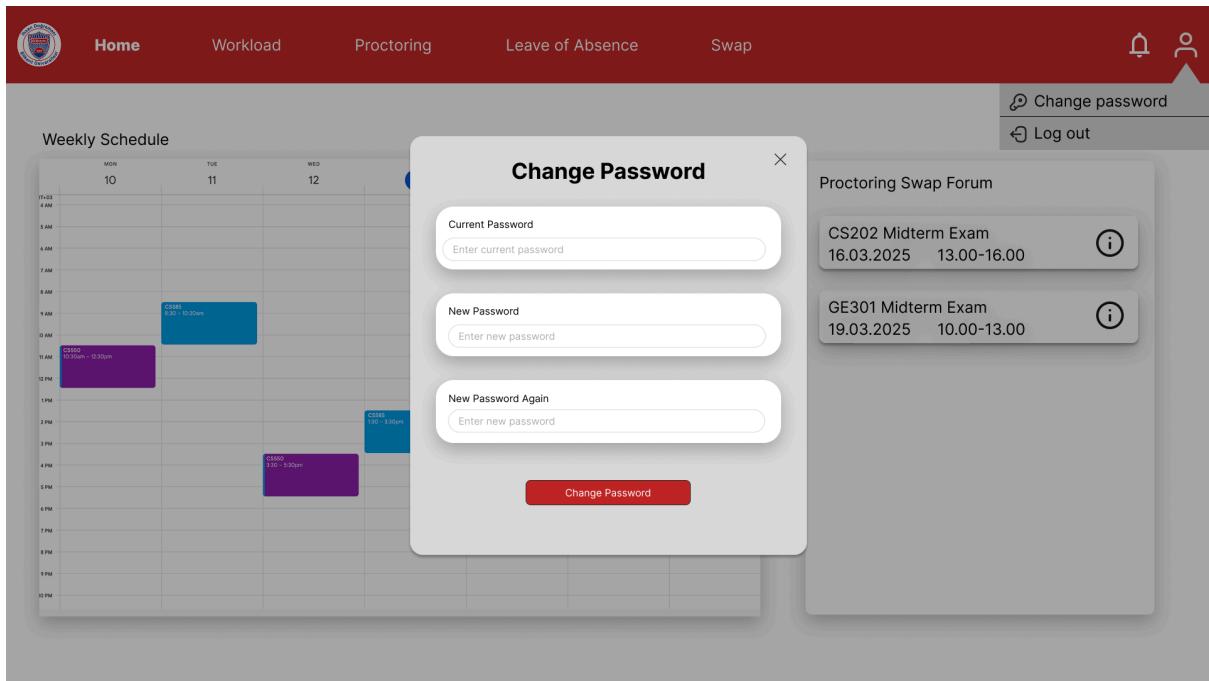


## 6.2.19. TA Main Page Log Out



The screenshot shows the TA main page interface. At the top, there is a navigation bar with links for Home, Workload, Proctoring, Leave of Absence, and Swap. On the far right of the header, there are icons for a bell, user profile, and a gear. Below the header is a "Weekly Schedule" section showing a grid of days (MON-SUN) and hours (4 AM-12 PM). Several blue and purple rectangular boxes represent scheduled events, such as "CS350 10.30am - 12.30pm". A modal dialog box titled "Log out" is centered on the screen, asking "Are you sure you want to continue?". It has "Yes" and "No" buttons. To the right of the schedule, there is a "Proctoring Swap Forum" section listing two exams: "CS202 Midterm Exam" on 16.03.2025 from 13.00-16.00 and "GE301 Midterm Exam" on 19.03.2025 from 10.00-13.00, each with an information icon.

## 6.2.20. TA Main Page Change Password



This screenshot is similar to the previous one but shows a "Change Password" modal dialog box in the center. The modal has three input fields: "Current Password" (placeholder: Enter current password), "New Password" (placeholder: Enter new password), and "New Password Again" (placeholder: Enter new password). Below these fields is a red "Change Password" button. The rest of the page layout, including the weekly schedule and the proctoring forum, remains the same as in the previous screenshot.

## 6.2.21. TA Notification Page

The screenshot shows a red header bar with the university logo on the left and navigation links: Home, Workload, Proctoring, Leave of Absence, Swap, a bell icon, and a user profile icon. Below the header is a section titled "Notifications" containing a list of eight items:

- Uğur Güdükbay has accepted your workload request. (07.03.2025 15:30)
- Can Alkan has rejected your workload request :( Reason: Duration is invalid. (07.03.2025 15:30)
- Şebnem Ferah has accepted your personal request. Check your proctorings! (07.03.2025 15:30)
- Fatma Turgut has accepted your swap request on forum. Check your proctorings! (07.03.2025 15:30)
- You have 2 pending proctoring requests. Check your proctorings! (07.03.2025 15:30)
- Your Leave of Absence request has been accepted. (07.03.2025 15:30)
- Your Leave of Absence request has been rejected :( (07.03.2025 15:30)
- Sezen Aksu send you a personal swap request. Exam: CS224 - 02.04.2025 13.30-16.30 (07.03.2025 15:30)

## 6.3. Instructor's Frames

### 6.3.1. Instructor Main Page

In this page, we made an upcoming exams of current courses, since we thought it could be helpful for instructor to see his/her exams of the courses that he/she teaches. That is why in the home page, the instructor can see exams and it will be like a shortcut for the instructor.

The screenshot shows the Instructor Main Page with a red header bar. The header includes a logo, navigation links for 'Home', 'TA Workload', and 'Exams', and user icons for notifications and profile.

**Upcoming Exams:**

- CS202 Midterm Exam  
16.03.2025 13.00-16.00
- CS342 Midterm Exam  
19.03.2025 18.00-20.00
- CS202 Final Exam  
25.05.2025 18.00-20.00

**Latest Swaps:**

- Y. Elnoubi → S. Ergün - CS202 Midterm Exam  
16.03.2025 13.00-16.00
- E. Kuzgun → R. Yılmaz - CS319 Midterm Exam  
19.03.2025 18.00-20.00
- S. Shukueian → Z. Özgül - CS464 Midterm Exam  
25.03.2025 18.00-20.00

### 6.3.2. Instructor TA Workload Page

The screenshot shows the Instructor TA Workload Page with a red header bar. The header includes a logo, navigation links for 'Home', 'TA Workload' (which is highlighted), and 'Exams', and user icons for notifications and profile.

**TA Entered Workloads:**

- Sude Ergün - 8 Hours  
12.03.2025 Verify Reject i
- Ridvan Yılmaz - 2 Hours  
14.03.2025 Verify Reject i
- Ziya Özgül - 4 Hours  
15.03.2025 Verify Reject i

**TA Total Workloads:**

- Ridvan Yılmaz - 14 Hours Approved, 2 Hours Waiting i
- Ziya Özgül - 20 Hours Approved, 4 Hours Waiting i
- Sude Ergün - 37 Hours Approved, 8 Hours Waiting i

### 6.3.3. Instructor TA Workload Clicked Entered Workloads

The screenshot shows the 'TA Workload' section of the application. A modal window titled 'Sude Ergün' displays a list of entered workloads:

- CS224 - Lab work  
16.03.2025 - 4 hours
- CS102 - Grading  
13.03.2025 - 4 hours

Below the modal, there is a 'Close' button.

### 6.3.4. Instructor TA Workload Clicked Total Workloads

The screenshot shows the 'TA Workload' section of the application. A modal window titled 'Sude Ergün' displays a list of total workloads:

- CS224 - Lab work  
02.03.2025 - 4 hours
- CS102 - Grading  
07.03.2025 - 4 hours
- CS224 - Lab work  
12.02.2025 - 4 hours
- CS102 - Grading  
17.02.2025 - 4 hours

Below the modal, there is a 'Close' button.

### 6.3.5. Instructor Swap TA's Page

The screenshot shows the 'Exams' section of the instructor dashboard. It displays two exam entries: 'CS202 Midterm Exam' and 'CS319 Midterm Exam'. Each entry includes basic exam details like proctor(s), swap count, classroom, date, time, duration, proctor number, and exam type. Below each entry is a 'Swap TA' button, a 'View Swap History' button, and a 'Change Exam Information' button. A modal window is open over the exams, titled 'CS202 Midterm Exam'. It has two sections: 'Current Proctor(s)' and 'Proctor To Swap'. In the 'Current Proctor(s)' section, 'Ziya Özgül' is listed with an unchecked radio button. In the 'Proctor To Swap' section, 'Sude Ergün' and 'Sinan Sonlu' are listed with unchecked radio buttons, while 'Yahya Elnouby' is listed with a checked black radio button. At the bottom of the modal is a red 'Swap' button.

| Exam ID | Current Proctor(s) | Swap Count | Classroom(s) | Date       | Time        | Duration | Proctor Number | Exam Type |
|---------|--------------------|------------|--------------|------------|-------------|----------|----------------|-----------|
| CS202   | Ziya Özgül         | 2          | B-201, B-202 | 22.04.2025 | 14:00-16:00 | 2 hours  | 1              | Midterm   |
| CS319   | Ridvan Yılmaz      | 4          | B-201, B-202 | 22.04.2025 | 14:00-16:00 | 2 hours  | 1              | Midterm   |

### 6.3.6. Instructor Exams Page

The screenshot shows the 'Exams' section of the instructor dashboard. It displays two exam entries: 'CS202 Midterm Exam' and 'CS319 Midterm Exam'. Each entry includes basic exam details like proctor(s), swap count, classroom, date, time, duration, proctor number, and exam type. Below each entry is a 'Swap TA' button, a 'View Swap History' button, and a 'Change Exam Information' button.

| Exam ID | Current Proctor(s) | Swap Count | Classroom(s) | Date       | Time        | Duration | Proctor Number | Exam Type |
|---------|--------------------|------------|--------------|------------|-------------|----------|----------------|-----------|
| CS202   | Ziya Özgül         | 2          | B-201, B-202 | 22.04.2025 | 14:00-16:00 | 2 hours  | 1              | Midterm   |
| CS319   | Ridvan Yılmaz      | 4          | B-201, B-202 | 22.04.2025 | 14:00-16:00 | 2 hours  | 1              | Midterm   |

### 6.3.7. Instructor Exam Information Page

The screenshot shows the 'Exams' section of the instructor dashboard. It displays two exam details:

- CS202 Midterm Exam**
  - Initial Proctor(s): Yáhya Elnouby
  - Current Proctor(s): Ziya Özgül
  - Swap Count: 2
  - Classroom(s): B-201, B-202
  - Date: 22.04.2025
  - Time: 14:00-16:00
  - Duration: 2 hours
  - Proctor Number: 1
  - Exam Type: Midterm
- CS319 Midterm Exam**
  - Initial Proctor(s): Efe Adali
  - Current Proctor(s): Ridvan Yilmaz
  - Swap Count: 4
  - Classroom(s): B-201, B-202
  - Date: 22.04.2025
  - Time: 14:00-16:00
  - Duration: 2 hours
  - Proctor Number: 1
  - Exam Type: Midterm

A modal window titled 'Swap History' is open, showing two previous swaps:

- Y. Elnouby → S. Ergün - CS202 Midterm Exam  
16.03.2025 13.00-16.00
- S. Ergün → Z. Özgül - CS202 Midterm Exam  
16.03.2025 18.00-20.00

Buttons at the bottom of the modal include 'Swap TA', 'View Swap History', and 'Change Exam Information'.

### 6.3.8. Instructor Add Exam Page

The screenshot shows the 'Add Exam' form. The fields are as follows:

- Exam type:** A dropdown menu with options: Midterm (selected), Final, Quiz.
- Exam course:** A dropdown menu with options: CS201 (selected), CS464.
- Date:** A date input field with a calendar icon, showing mm/dd/yyyy format.
- Start time:** A time input field showing 04 : 00.
- End time:** A time input field showing 17 : 00.
- Classroom(s):** A text input field with placeholder 'Add classroom'.
- Automatic Proctor Number:** A text input field with placeholder 'Enter number'.
- Prioritize assistants of selected course:** A checked checkbox.
- Select Proctor(s):** A button.
- ADD:** A large red 'ADD' button at the bottom.

### 6.3.9. Instructor Change Exam Page

The screenshot shows the 'Change Exam' form. The 'Exam type:' dropdown is set to 'Midterm'. The 'Course:' dropdown is set to 'CS'. The 'Section:' dropdown is set to 'CS201'. The 'Date:' field is set to '22/04/2025'. The 'Start time:' field is '04 : 00' and the 'End time:' field is '17 : 00'. The 'Classroom(s):' section shows 'Add classroom' and two selected classrooms: 'B-201 X' and 'B-202 X'. The 'Automatic Proctor Number' field contains '1'. A checked checkbox 'Prioritize assistants of selected course' is present. A red 'Select Proctor(s)' button is visible. At the bottom right is a red 'UPDATE' button.

### 6.3.10. Instructor Select Proctors Page

The screenshot shows the 'Select Proctor(s)' modal. It lists three names: 'Yahya Elnouby', 'Ridvan Yilmaz', and 'Sude Ergün'. The 'X' button next to 'Sude Ergün' indicates she is currently selected. The background shows the 'Change Exam' form with the same details as the previous screenshot, including the 'Select Proctor(s)' button at the bottom right.

## 6.4. Department Chair Frames

### 6.4.1. Department Chair Main Page

The screenshot shows the main dashboard for the Department Chair. At the top, there is a red header bar with the university logo, navigation links for "Home", "TA Workload", "Exams", and "TA Leave Request", and user icons for notifications and profile.

**Upcoming Exams:**

- CS202 Midterm Exam  
16.03.2025 13.00-16.00 [i](#)
- CS342 Midterm Exam  
19.03.2025 18.00-20.00 [i](#)
- CS202 Final Exam  
25.05.2025 18.00-20.00 [i](#)

**Latest Swaps:**

- Y. Elnouby → S. Ergün - CS202 Midterm Exam  
16.03.2025 13.00-16.00
- E. Kuzgun → R. Yilmaz - CS319 Midterm Exam  
19.03.2025 18.00-20.00
- S. Shukueian → Z. Özgül - CS464 Midterm Exam  
25.03.2025 18.00-20.00

### 6.4.2. Department Chair TA Workload Page

The screenshot shows the TA Workload page. At the top, there is a red header bar with the university logo, navigation links for "Home", "TA Workload", "Exams", and "TA Leave Request", and user icons for notifications and profile.

**TA Entered Workloads:**

- Sude Ergün - 8 Hours  
12.03.2025 [Verify](#) [Reject](#) [i](#)
- Ridvan Yilmaz - 2 Hours  
14.03.2025 [Verify](#) [Reject](#) [i](#)
- Ziya Özgül - 4 Hours  
15.03.2025 [Verify](#) [Reject](#) [i](#)

**TA Total Workloads:**

- [Sort by Lowest ▾](#)
- Ridvan Yilmaz - 14 Hours Approved, 2 Hours Waiting [i](#)
- Ziya Özgül - 20 Hours Approved, 4 Hours Waiting [i](#)
- Sude Ergün - 37 Hours Approved, 8 Hours Waiting [i](#)

#### 6.4.3. Department Chair TA Workload clicked entered workloads

The screenshot shows a user interface for managing TA workloads. At the top, there is a navigation bar with links for Home, TA Workload (which is the active tab), Swap History, and Exams. On the far right, there are icons for notifications and user profile.

The main content area is titled "TA Entered Workloads" and displays three entries:

- Sude Ergün - 8 Hours  
12.03.2025 Verify Request
- Ridvan Yılmaz - 2 Hours  
14.03.2025 Verify Request
- Ziya Özgül - 4 Hours  
15.03.2025 Verify Request

A modal window titled "Sude Ergün" is open, listing two specific workloads:

- CS224 - Lab work  
16.03.2025 - 4 hours
- CS102 - Grading  
13.03.2025 - 4 hours

At the bottom of the modal is a red "Close" button.

#### 6.4.4. Department Chair TA Workload clicked total workloads

This screenshot shows the same application interface as the previous one, but the modal window now lists all workloads for Sude Ergün, including those from other TAs.

The modal window is titled "Sude Ergün" and contains the following list of workloads:

- CS224 - Lab work  
02.03.2025 - 4 hours
- CS102 - Grading  
07.03.2025 - 4 hours
- CS224 - Lab work  
12.02.2025 - 4 hours
- CS102 - Grading  
17.02.2025 - 4 hours

At the bottom of the modal is a red "Close" button.

## 6.4.5. Department Chair Swap TA's Page

The screenshot shows a web application interface for managing exam proctors. At the top, there is a red header bar with the university logo and navigation links: Home, TA Workload, Exams (which is the active tab), and TA Leave Request. On the right side of the header are icons for notifications and user profile.

The main content area displays two exam entries:

- CS202 Midterm Exam**  
Current Proctor(s): Ziya Özgül  
Swap Count: 2  
Classroom(s): B-201, B-202  
Date: 22.04.2025  
Time: 14:00-16:00  
Duration: 2 hours  
Proctor Number: 1  
Exam Type: Midterm
- CS319 Midterm Exam**  
Current Proctor(s): Ridvan Yılmaz  
Swap Count: 4  
Classroom(s): B-201, B-202  
Date: 22.04.2025  
Time: 14:00-16:00  
Duration: 2 hours  
Proctor Number: 1  
Exam Type: Midterm

A modal window is open over the CS202 entry, titled "CS202 Midterm Exam". It contains a "Current Proctor(s)" section with a list of names: Ziya Özgül, Sude Ergün, Sinan Sonlu, and Yahya Elnoubi. Sinan Sonlu has a black dot next to it, indicating he is the current proctor. Below this is a "Proctor To Swap" section with the same four names. A "Swap" button is located at the bottom of this modal.

At the bottom of the main content area, there are three buttons: Swap TA, View Swap History, and Change Exam Information.

## 6.4.6. Department Chair Exams Page

The screenshot shows a web application interface for managing exams. At the top, there is a red header bar with the university logo and navigation links: Home, TA Workload, Exams (which is the active tab), and TA Leave Request. On the right side of the header are icons for notifications and user profile.

The main content area displays two exam entries:

- CS202 Midterm Exam**  
Current Proctor(s): Ziya Özgül  
Swap Count: 2  
Classroom(s): B-201, B-202  
Date: 22.04.2025  
Time: 14:00-16:00  
Duration: 2 hours  
Proctor Number: 1  
Exam Type: Midterm
- CS319 Midterm Exam**  
Current Proctor(s): Ridvan Yılmaz  
Swap Count: 4  
Classroom(s): B-201, B-202  
Date: 22.04.2025  
Time: 14:00-16:00  
Duration: 2 hours  
Proctor Number: 1  
Exam Type: Midterm

Below each exam entry are three buttons: Swap TA, View Swap History, and Change Exam Information.

## 6.4.7. Department Chair Exam Information Page

The screenshot shows the 'Exams' section of the system. It displays two exam entries: 'CS202 Midterm Exam' and 'CS319 Midterm Exam'. Each entry includes basic information like initial and current proctors, swap counts, classroom locations, dates, times, durations, proctor numbers, and exam types. A 'Swap History' panel is open, showing two recorded swaps between Y. Elnoubi and S. Ergün for the CS202 exam on March 16, 2025.

| Exam Details   | Swap History  |
|--|---|
| <b>CS202 Midterm Exam</b><br>Initial Proctor(s): Yahya Elnoubi<br>Current Proctor(s): Ziya Özgül<br>Swap Count: 2<br>Classroom(s): B-201, B-202<br>Date: 22.04.2025<br>Time: 14:00-16:00<br>Duration: 2 hours<br>Proctor Number: 1<br>Exam Type: Midterm | <b>Swap History</b><br>Y. Elnoubi → S. Ergün - CS202 Midterm Exam<br>16.03.2025 13.00-16.00<br><br>S. Ergün → Z. Özgül - CS202 Midterm Exam<br>16.03.2025 18.00-20.00 |
| <b>CS319 Midterm Exam</b><br>Initial Proctor(s): Efe Adali<br>Current Proctor(s): Ridvan Yilmaz<br>Swap Count: 4<br>Classroom(s): B-201, B-202<br>Date: 22.04.2025<br>Time: 14:00-16:00<br>Duration: 2 hours<br>Proctor Number: 1<br>Exam Type: Midterm  |   |

## 6.4.8. Department Chair Add Exam Page

The screenshot shows the 'Add Exam' modal. It contains fields for selecting the exam type (Midterm, Final, Quiz), choosing the exam course (CS201, CS464), setting the date and time (start at 04:00, end at 17:00), specifying the classroom (Add classroom), entering an automatic proctor number (Enter number), and a checkbox for prioritizing assistants of the selected course. A 'Select Proctor(s)' button is also present.

| Add Exam Fields  |
|--|
| Exam type:<br>Midterm<br>Final<br>Quiz                                       |
| Exam course:<br>CS201<br>CS464   |
| Date:<br>mm/dd/yyyy  |
| Start time: 04 : 00      End time: 17 : 00                                   |
| Classroom(s):<br>Add classroom   |
| Automatic Proctor Number<br>Enter number                                     |
| <input checked="" type="checkbox"/> Prioritize assistants of selected course |
| Select Proctor(s)  |
| <b>ADD</b>   |

#### 6.4.9. Department Chair Change Exam Page

The screenshot shows a 'Change Exam' modal window. The 'Exam type:' dropdown is set to 'Midterm'. The 'Course' dropdown shows 'CS' selected. The 'Date:' field contains '22/04/2025'. The 'Start time:' and 'End time:' fields show '04 : 00' and '17 : 00' respectively. The 'Classroom(s):' section includes a 'Add classroom' button and two selected rooms: 'B-201 X' and 'B-202 X'. The 'Automatic Proctor Number' field has '1' entered. A checked checkbox says 'Prioritize assistants of selected course'. A red 'Select Proctor(s)' button is at the bottom right.

#### 6.4.10. Department Chair Select Proctors Page

The screenshot shows a 'Select Proctor(s)' modal window. It lists three proctors: 'Yahya Elnoubi', 'Ridvan Yilmaz', and 'Sude Ergün'. 'Sude Ergün' is highlighted with a red border around the 'X' button. The background shows the 'Change Exam' form with the same fields as the previous screenshot.

#### 6.4.11. Department Chair TA Leave Request Page

The screenshot shows a dashboard with two main sections:

- TA Leave Request:** A list of three leave requests:
  - Sude Ergün: 21.09.2025-30.12.2025
  - Rıdvan Yılmaz: 14.03.2025-20.06.2025
  - Ziya Özgül: 15.12.2025-30.04.2026Each entry has a "View" button and an information icon.
- TA's On Leave:** A list of three TAs on leave:
  - Rıdvan Yılmaz
  - Ziya Özgül
  - Sude ErgünEach entry has an information icon.

#### 6.4.12. Department Chair TA Leave Request Approve/Reject Page

A modal dialog is open for Sude Ergün's leave request:

**Sude Ergün**  
Leave Date: 21.09.2025-30.12.2025  
Requested by: sude.ergun@bilkent.edu.tr

Reason:  
Dear professor,  
I am going to be in Erasmus in the given dates.  
I attached my approval to this message.

Buttons: Accept, Reject, View File

The background shows the same two panels as the previous screenshot: TA Leave Request and TA's On Leave.

### 6.4.13. Department Chair TA Leave Request View File Page

The screenshot shows a web-based application interface for managing TA leave requests. At the top, there's a red header bar with navigation links: Home, TA Workload, Exams, TA Leave Request, and icons for notifications and user profile.

The main content area displays a preview of a document titled "ACCEPTANCE LETTER ERASMUS+ PROGRAM". The document is addressed to "We, the undersigned....." and mentions the "ERASMUS+ STUDENT TRAINEESHIP". It states that the undersigned undertake to collaborate within the framework of the ERASMUS+ programme. We agree to do our utmost to support transnational traineeship of graduates / undergraduates in our Organization/Enterprise.

The document includes several input fields:

- Academic year \_\_\_\_\_  
for the proposed Project  
**ERASMUS+ STUDENT TRAINEESHIP**
- We are willing to host : (Name of the student) \_\_\_\_\_
- from:  
GEORGE EMIL PALADE UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE, AND TECHNOLOGY OF TARGU MURES, ROMANIA
- to:  
Name of the receiving organization / enterprise:  
\_\_\_\_\_
- Address: \_\_\_\_\_
- Tel.: ..... e-mail: .....
- PIC code (if case): .....
- during the period:

On the right side of the preview window, there are three circular icons with the letter "i", likely representing informational or help links.

## 6.5. Dean's Office Frames

### 6.5.1. Dean's Office Main Page

The screenshot shows the 'Upcoming Exams' section of the Dean's Office Main Page. It features a grid-based calendar for the week starting from Monday, April 10, 2025. The grid has days of the week as columns (MON, TUE, WED, THU, FRI, SAT, SUN) and time slots from 4 AM to 10 PM as rows. Colored boxes represent scheduled exams:

- Monday (10)**: A purple box from 11 AM to 12:30 PM labeled "C5550 Swap 10:30am - 12:30pm".
- Tuesday (11)**: A blue box from 9 AM to 10:30 AM labeled "C5585 8:30 - 10:30am".
- Wednesday (12)**: A purple box from 3:30 PM to 5:30 PM labeled "C5550 3:30 - 5:30pm".
- Thursday (13)**: A blue box from 1 PM to 3 PM labeled "C5585 1:30 - 3:30pm".
- Friday (14)**: A red box from 9:30 AM to 11:30 AM labeled "C3224 - Proctoring 9:30 - 11:30am".

### 6.5.2. Dean's Office Exams Page

The screenshot shows the 'Exams' section of the Dean's Office Exams Page. It displays two exam details boxes:

**PHYS102 Midterm Exam**

Current Proctor(s): Yunus Emre Erkan, Sude Ergün  
Swap Count: 2  
Classroom(s): B-201, B-202  
Date: 22.04.2025  
Time: 14:00-16:00  
Duration: 2 hours  
Proctor Number: 2  
Exam Type: Midterm

**MATH102 Midterm Exam**

Current Proctor(s): İrem Esendemir, Halil Arda Özongun, Elif Lara Oğuzhan  
Swap Count: 2  
Classroom(s): B-201, B-202  
Date: 22.04.2025  
Time: 14:00-16:00  
Duration: 2 hours  
Proctor Number: 3  
Exam Type: Midterm

Each exam box includes three buttons at the bottom: "Swap TA", "View Swap History", and "Change Exam Information".

### 6.5.3. Dean's Office Exam Information Page

The screenshot shows the Dean's Office Exam Information Page. At the top, there are navigation links for Home, Exams, and a user icon. Below the navigation, there are two sections: **PHYS102 Midterm Exam** and **MATH102 Midterm Exam**. Each section displays exam details such as current proctor, swap count, classroom, date, time, duration, proctor number, and exam type. A modal window titled "Swap History" is open over the MATH102 section, showing two swap entries:

| Swap History   |   |
|----------------|---|
| Sort by Latest |   |
| Y. Elnouby     | → S. Ergün - CS202 Midterm Exam<br>16.03.2025 13.00-16.00 |
| S. Ergün       | → Z. Özgül - CS202 Midterm Exam<br>16.03.2025 18.00-20.00 |

At the bottom of the page, there are three buttons: Swap TA, View Swap History, and Change Exam Information.

### 6.5.4. Deans Office Add Exam Page

The screenshot shows the Deans Office Add Exam Page. At the top, there are navigation links for Home, Exams, and TA Leave Request. A modal window titled "Add Exam" is open, containing fields for exam type, course, date, time, classroom, proctor number, and department selection. The "Exam type:" dropdown has "Midterm" selected. The "Exam course:" dropdown has "PHYS101" and "PHYS102" listed. The "Date:" field is a date picker set to mm/dd/yyyy. The "Start time:" and "End time:" fields show times 04:00 and 17:00 respectively. The "Classroom(s):" field contains the placeholder "Enter classroom". The "Automatic Proctor Number" field contains the placeholder "Enter number". A checkbox "Prioritize assistants of selected course" is checked. At the bottom right of the modal are "Select Department(s)" and "ADD" buttons.

## 6.5.5. Deans Office Change Exam Page

Change Exam

Exam type:

Midterm

Final

Quiz

MATH

MATH201

MATH202

Date:

22/04/2025

Start time: 04 : 00      End time: 17 : 00

Classroom(s):

Add classroom      B-201 X      B-202 X

Automatic Proctor Number

1

Prioritize assistants of selected course

Select Department(s)

UPDATE

## 6.5.6. Deans Office Select Department Page

Change Exam

Exam type:

Midterm

Final

Quiz

Exam Course

CS202

Date

22/04/2025

Start time:

17

Classroom(s):

Add classroom

Automatic Proctor N

1

Select Department(s)

| Department | Number of Proctors |
|------------|--------------------|
| CS202      | 2                  |

Enter department name

Enter number

ADD

CS/2 X      MATH/5 X

Select Proctor(s)

UPDATE

## 6.6. Admin Frames

### 6.6.1. Admin Main Page/Logs and Reports

The screenshot shows the Admin Main Page with a red header bar. The header includes a logo, navigation links for 'Logs and Reports', 'User', 'Student', 'Course', 'Classrooms', 'Offering', and 'Semester', and icons for a bell and user profile.

**Logs**

- Logins
- Workloads
- Swaps
- Leave of Absences

**Reports**

- Total proctoring per semester
- Total proctoring per academic year...
- Total TA Duty of a course per academic year
- Total TA Duty of a course per semester

**Download File** buttons are located at the bottom of each section.

### 6.6.2. Admin User Add

The screenshot shows the Admin User Add page with a red header bar. The header includes a logo, navigation links for 'Logs and Reports', 'User' (which is highlighted in blue), 'Student', 'Course', 'Classrooms', 'Offering', and 'Semester', and icons for a bell and user profile.

**User Management**

- Add User** (green circle with plus sign)
- Delete User** (black circle with minus sign)
- Edit User** (icon of a person editing a document)

**File Upload**

Drag and Drop here  
or  
Select file

**Upload File** button

**Enter User Information**

ID  
Enter ID

Name Surname  
Enter name surname

Mail  
Enter mail

Phone Number  
Enter phone number

**Type**

- PhD - part time
- PhD - full time
- Master - part time
- Master - full time

**Add User** button

### 6.6.3. Admin User Delete

The screenshot shows a user interface for managing users. At the top, there is a red navigation bar with the following items: Logs and Reports, User (which is highlighted in red), Student, Course, Classrooms, Offering, Semester, a bell icon, and a user profile icon.

In the center, there are three circular icons: "Add User" (black circle with a white plus sign), "Delete User" (green circle with a white minus sign), and "Edit User" (black circle with a white edit/pencil icon).

Below these icons is a dashed rectangular area containing a file upload section. It includes a "Drag and Drop here" placeholder, an "or" link, and a "Select file" button. Below this is a red "Upload File" button.

To the right of the file upload area is a search modal titled "Enter ID or mail to find User". It contains two input fields: "ID" and "Mail", each with a placeholder "Enter ID" and "Enter mail" respectively.

At the bottom right of the search modal is a red "Find User to Delete" button.

### 6.6.4. Admin User Delete PopUp

This screenshot shows a modal dialog box over a dark gray background, indicating it is a pop-up for deleting a user. The modal has a light gray background and contains the following information:

- ID:** 12345678
- Name Surname:** Sude Ergün
- Mail:** sude.ergun@bilkent.edu.tr
- Phone Number:** 05123456789

Below this information, a message reads: "These are information of the user. Do you want to continue?" with two buttons: "Cancel" (red with a white X) and "Confirm" (green with a white checkmark).

At the bottom of the modal are two red buttons: "Upload File" on the left and "Find User to Delete" on the right.

## 6.6.5. Admin User Edit Search Page

Logs and Reports    **User**    Student    Course    Classrooms    Offering    Semester

Add User    Delete User    Edit User

Enter ID or mail to find User

ID  
Enter ID

Mail  
Enter mail

Drag and Drop here  
or  
Select file

Upload File    Find User to Edit

## 6.6.6. Admin User Edit Editing Page

Logs and Reports    **User**    Student    Course    Classrooms    Offering    Semester

Add User    Delete User    Edit User

Drag and Drop here  
or  
Select file

Edit User Information

ID  
12345678

Name Surname  
Sude Ergün

Mail  
sude.ergun@bilkent.edu.tr

Phone Number  
05123456789

Type

PhD - part time

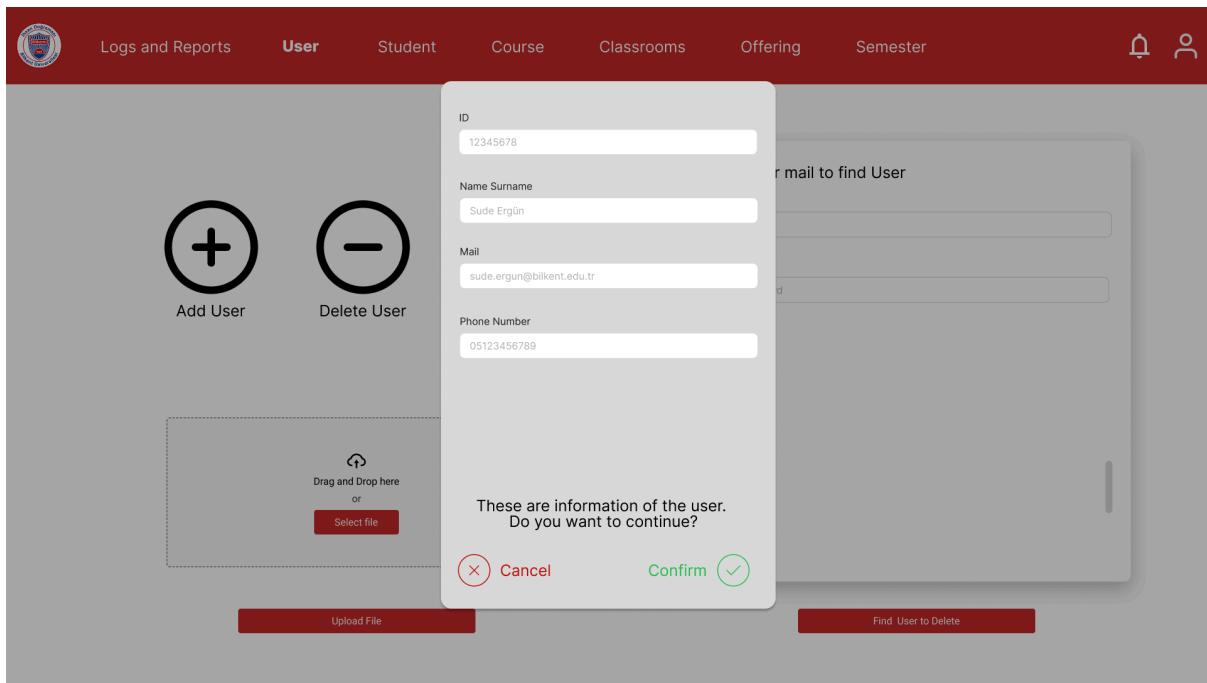
PhD - full time

Master - part time

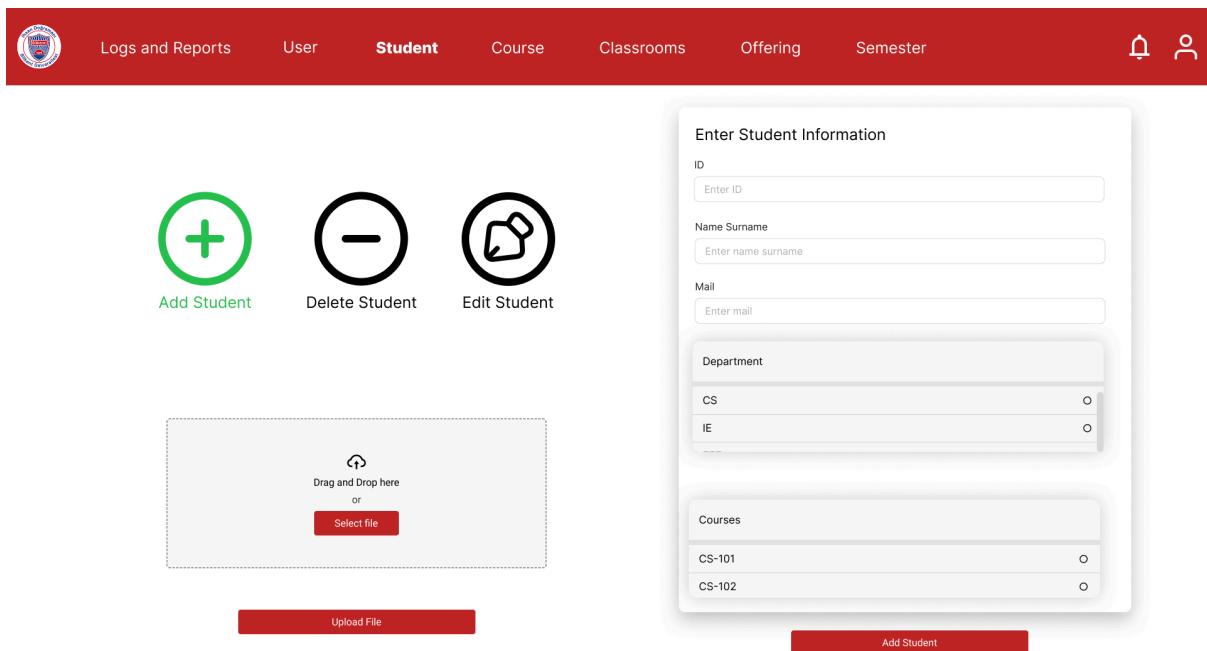
Master - full time

Upload File    Edit User

### 6.6.7. Admin User Edit Popup



### 6.6.8. Admin Student Add



## 6.6.9. Admin Student Delete

Logs and Reports   User   **Student**   Course   Classrooms   Offering   Semester

Add Student   Delete Student   Edit Student

Enter ID or mail to find Student

ID  
Enter ID

Mail  
Enter mail

Drag and Drop here  
or  
Select file

Upload File

Find Student to Delete

## 6.6.10. Admin Student Edit Search Page

Logs and Reports   User   **Student**   Course   Classrooms   Offering   Semester

Add Student   Delete Student   Edit Student

Enter ID or mail to find Student

ID  
Enter ID

Mail  
Enter mail

Drag and Drop here  
or  
Select file

Upload File

Find Student to Edit

## 6.6.11. Admin Student Edit Editing Page

Logs and Reports    User    **Student**    Course    Classrooms    Offering    Semester

Add Student    Delete Student    Edit Student

Drag and Drop here  
or  
Select file

Upload File

Edit Student

Edit Student Information

ID: 12345678

Name Surname: Halil Arda Özogun

Mail: arda.ozogun.ug.bilkent.edu.tr

Department: CS (selected)

IE

Courses: CS-101, CS-102

## 6.6.12. Admin Course Add

Logs and Reports    User    Student    **Course**    Classrooms    Offering    Semester

Add Course    Delete Course    Edit Course

Drag and Drop here  
or  
Select file

Upload File

Add Course

Enter Course Information

Department: IE (selected)

CS

EEE

MF

Course Code: Enter course code

Grad Course

Teaching Assistant Number: 1

Select Teaching Assistant(s)

### 6.6.13. Admin Course Add Select Teaching Assistant

The screenshot shows a user interface for managing course information. At the top, there is a red navigation bar with the following items: Logs and Reports, User, Student, Course (which is highlighted in blue), Classrooms, Offering, Semester, a bell icon, and a user profile icon.

The main area has a light gray background. On the left side, there are three large circular icons: a green circle with a white plus sign labeled "Add Course", a black circle with a white minus sign labeled "Delete Course", and a white circle with a black edit icon labeled "Edit Course". Below these icons is a dashed rectangular area with a "Drag and Drop here" placeholder and a "Select file" button.

In the center, a modal window titled "Select Asistant(s)" is open. It contains a search input field with the placeholder "Enter TA name" and an "Add" button. A list item "M. Utku Aydoğdu" is shown with a close button "X". At the bottom of the modal are "Cancel" and "Confirm" buttons, the latter accompanied by a green checkmark icon.

At the bottom of the screen, there are two red buttons: "Upload File" on the left and "Add Course" on the right.

### 6.6.14. Admin Course Delete

The screenshot shows a user interface for deleting courses. The layout is similar to the previous one, with a red navigation bar at the top containing: Logs and Reports, User, Student, Course (highlighted in blue), Classrooms, Offering, Semester, a bell icon, and a user profile icon.

The main area features three large circular icons: a green circle with a white plus sign labeled "Add Course", a black circle with a white minus sign labeled "Delete Course", and a white circle with a black edit icon labeled "Edit Course". Below these icons is a dashed rectangular area with a "Drag and Drop here" placeholder and a "Select file" button.

To the right of the icons, a modal window titled "Enter Course Code to find Course" is open. It has a "Course Code" label and an "Enter course code" input field.

At the bottom of the screen, there are two red buttons: "Upload File" on the left and "Find Course to Delete" on the right.

## 6.6.15. Admin Course Edit Search Page

Logs and Reports    User    Student    **Course**    Classrooms    Offering    Semester

Add Course    Delete Course    Edit Course

Enter Course Code to find Course

Course Code  
Enter course code

Drag and Drop here  
or  
Select file

Upload File    Find Course to Edit

## 6.6.16. Admin Course Edit Editing Page

Logs and Reports    User    Student    **Course**    Classrooms    Offering    Semester

Add Course    Delete Course    Edit Course

Drag and Drop here  
or  
Select file

Upload File    Edit Course

Edit Course Information

Department

CS      
EEE      
IE      
MF   

Course Code  
Enter course code

Grad Course   

Teaching Assistants

Mustafa Utku Aydoğdu      
Ahmet Burak Yıldırım

## 6.6.17. Admin Classroom Add

Logs and Reports   User   Student   Course   **Classrooms**   Offering   Semester

Add Classroom   Delete Classroom   Edit Classroom

Enter Classroom Information

Building  
Enter building ID

Classroom ID  
Enter classroom ID

Capacity  
Enter capacity

Exam Capacity  
Enter exam capacity

Drag and Drop here  
or  
Select file

Upload File   Add Classroom

## 6.6.18. Admin Classroom Delete

Logs and Reports   User   Student   Course   **Classrooms**   Offering   Semester

Add Classroom   Delete Classroom   Edit Classroom

Enter building ID and classroom ID to Find Classroom

Building  
Enter building ID

Classroom ID  
Enter classroom ID

Drag and Drop here  
or  
Select file

Upload File   Find Classroom to Delete

## 6.6.19. Admin Classroom Edit Search Page

Logs and Reports    User    Student    Course    **Classrooms**    Offering    Semester

Add Classroom    Delete Classroom    Edit Classroom

Enter building ID and classroom ID to Find Classroom

Building  
Enter building ID

Classroom ID  
Enter classroom ID

Drag and Drop here  
or  
Select file

Upload File    Find Classroom to Edit

## 6.6.20. Admin Classroom Edit Editing Page

Logs and Reports    User    Student    Course    **Classrooms**    Offering    Semester

Add Classroom    Delete Classroom    Edit Classroom

Edit Classroom Information

Building  
B Building

Classroom ID  
BZ103

Capacity  
60

Exam Capacity  
30

Drag and Drop here  
or  
Select file

Upload File    Edit Classroom

## 6.6.21. Admin Semester Add

The screenshot shows a user interface for adding a new semester. At the top, there is a red navigation bar with the following items from left to right: a logo, 'Logs and Reports', 'User', 'Student', 'Course', 'Classrooms', 'Offering', 'Semester' (which is bolded), a bell icon, and a person icon.

The main content area has the following sections:

- Enter Semester Information**:
  - Year**: A text input field labeled "Enter semester year".
  - Term**: A dropdown menu with three options: Fall (radio button), Spring (radio button), and Summer (radio button, currently selected).
- Upload Offerings List**: A dashed box containing "Drag and Drop here or Select file".
- Upload Students List**: A dashed box containing "Drag and Drop here or Select file".
- Upload Teaching Assistants List**: A dashed box containing "Drag and Drop here or Select file".

At the bottom center is a large red button labeled "Add Semester".