

# Elaboration Phase Specification

BRUTE KNIGHTS

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## System Requirements

*System Requirements are the expectations of what a system must do and is the expected outcome of our project for the CIS mentoring program. Below you will find two types of requirements: Functional Requirements and Nonfunctional Requirements.*

### Functional Requirements

Functional Requirements are the Requirements that put into detail what the system must do.

#### *Students*

- The system shall allow **students** to create an account so they may be a mentor, mentee and view the job postings, events and discussion board.
- The system shall allow **students** to edit their account information.
- The system shall allow **administrators** to delete a student if necessary.

#### *Alumni*

- The system shall allow **alumni** to create an account so they may be a mentor, post jobs, and make discussion board posts.
- The system shall allow **alumni** to edit their account information.
- The system shall allow **administrators** to delete an alumnus if necessary.

#### *Administrator*

- The system shall allow other **administrators** to create an account so they may monitor the system, send out email blasts, make announcements and schedule events.
- The system shall allow **administrators** to edit their account info.
- The system shall allow **administrators** to delete another administrator if necessary.

#### *Industry Mentor*

- The system shall allow an **industry mentor** to create an account so they may be a mentor and make discussion board posts.
- The system shall allow an **industry mentor** to edit their account information.
- The system shall allow **administrators** to delete an industry mentor if necessary.

#### *Employer*

- The system shall allow **employers** to create an account so they can post jobs.
- The system shall allow **employers** to edit their account information.
- The system shall allow **administrators** to delete an employer if necessary.

#### *Users*

- The system shall allow **users** who have created an account to log in so they can access the features of the system.
- The system shall allow **users** to view the contact information for other users in the system.

#### *Events*

- The system shall allow **administrators** to create a calendar event.
- The system shall allow **administrators** to edit a calendar event.
- The system shall allow **administrators** to delete a calendar event.

#### *Announcements*

- The system shall allow **administrators** to post announcements.
- The system shall allow **administrators** to edit announcements.

- The system shall allow **administrators** to delete announcements.

#### *Job Postings*

- The system shall allow **administrators or employers** to post job openings.
- The system shall allow **administrators or employers** to edit job postings.
- The system shall allow **administrators or employers** to delete job postings.

#### *Discussion Board*

- The system shall allow **users** to post questions or replies on the discussion board.
- The system shall allow **users** to edit their questions or replies on the discussion board.
- The system shall allow **users** to delete their questions or replies on the discussion board.

#### *Photos*

- The system shall allow **users** to submit photos from events.
- The system shall allow **administrators** to post photos from events.
- The system shall allow **administrators** to delete photos from events

#### *Donations*

- The system shall allow **users** to donate money.

#### *Communication*

- The system shall allow **users** to send an anonymous message directly to the Department Chair.
- The system shall allow **administrators** to send email blasts.
- The system shall allow **administrators** to send out alumni surveys.

#### *Backups*

- The system shall allow **administrators** to backup.
- The system shall allow **administrators** to restore from a backup.

### Nonfunctional Requirements

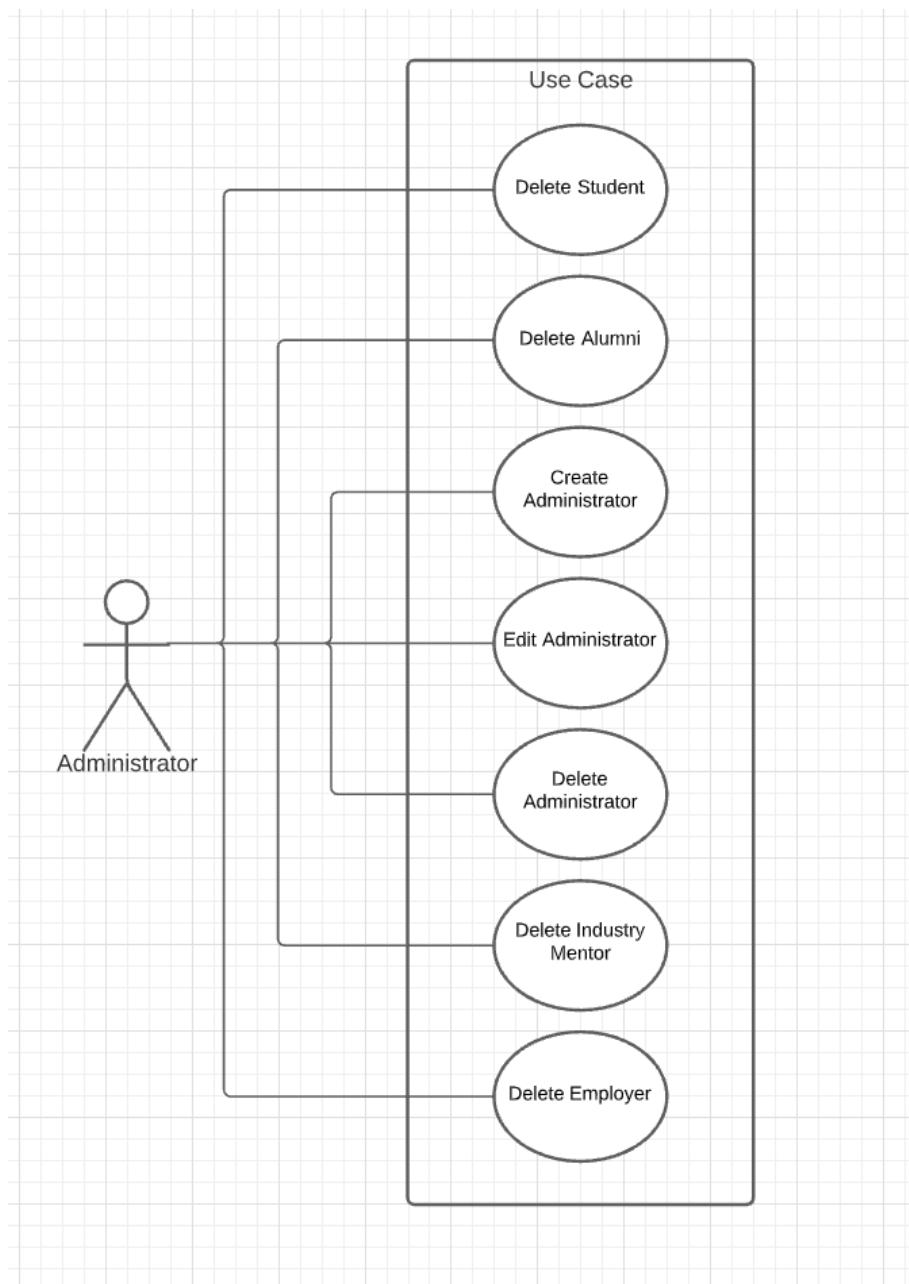
Nonfunctional Requirements detail the attributes of the system.

1. The System will be designed and implemented with WordPress CMS.
2. The System will use PayPal for it's donation design and implementation.
3. The System will use SQL server for it's database management.
4. The System will be accessible and user friendly on mobile devices and desktop browsers.
5. The System will be available 24/7, and every day of the year.
6. The System will implement a firewall for security, provided through UofL.
7. The System will be a professional network for CIS Students and Alumni to connect.
8. The System will be continuously maintained and kept up-to-date.

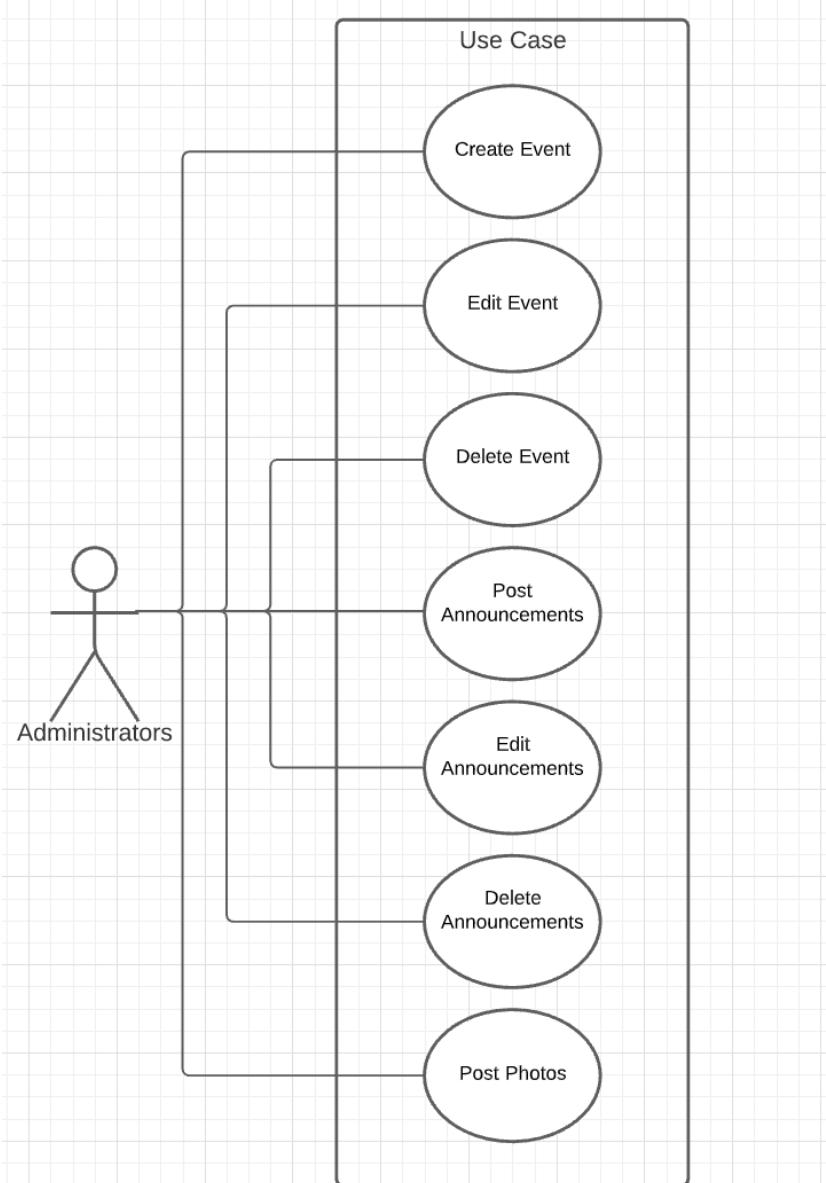
## Use Case Diagrams

These use case diagrams are visual representations of the use cases listed above. Each diagram has an actor(s) that is associated with one or many of the actions on the diagram. This means that they will have the ability to complete this action when the system is created and in use.

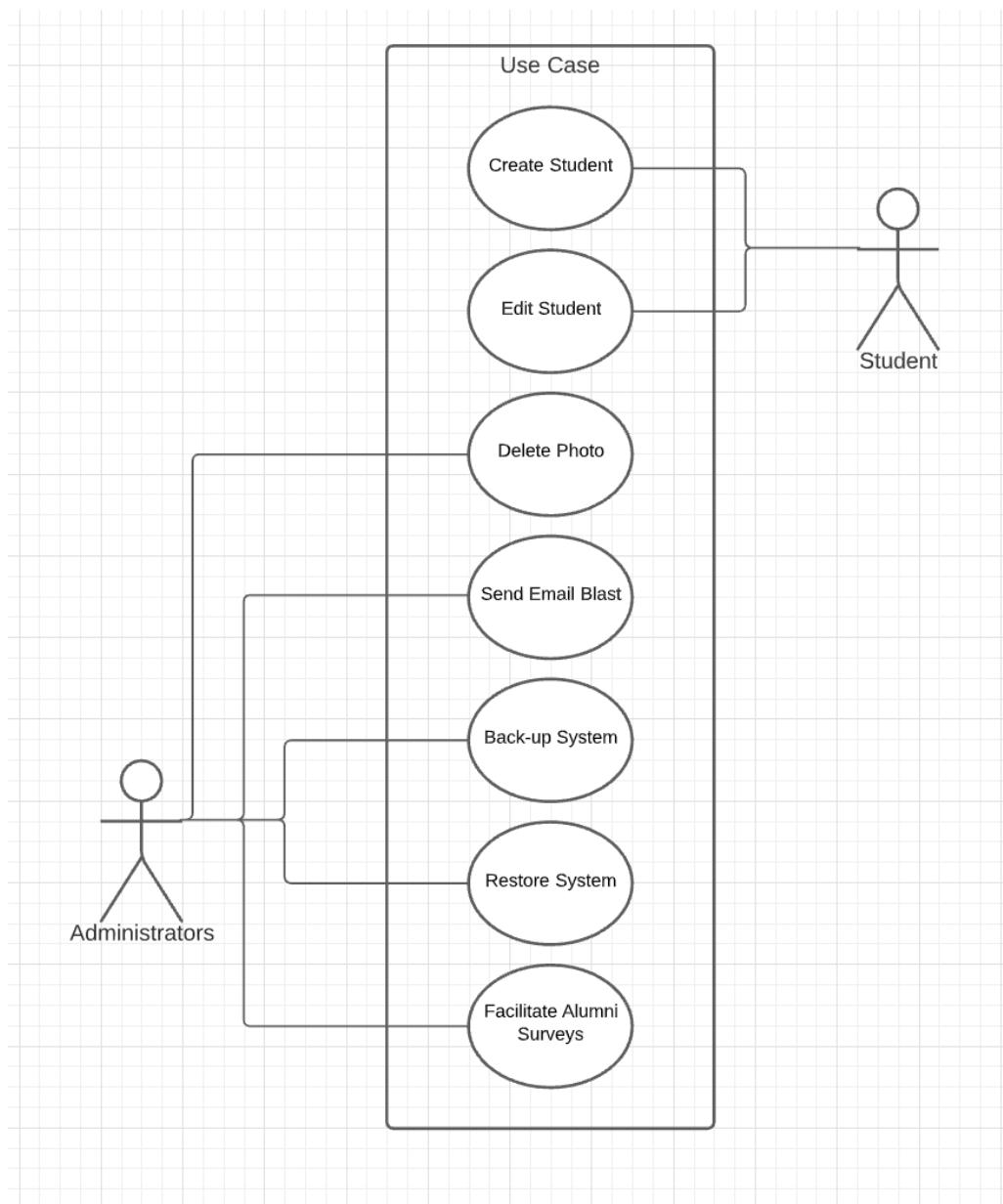
In this diagram, administrators need to be able to delete the accounts of students, alumni, industry mentors, employers, and other administrators. They also need to be able to create an account for themselves and edit that account if needed.



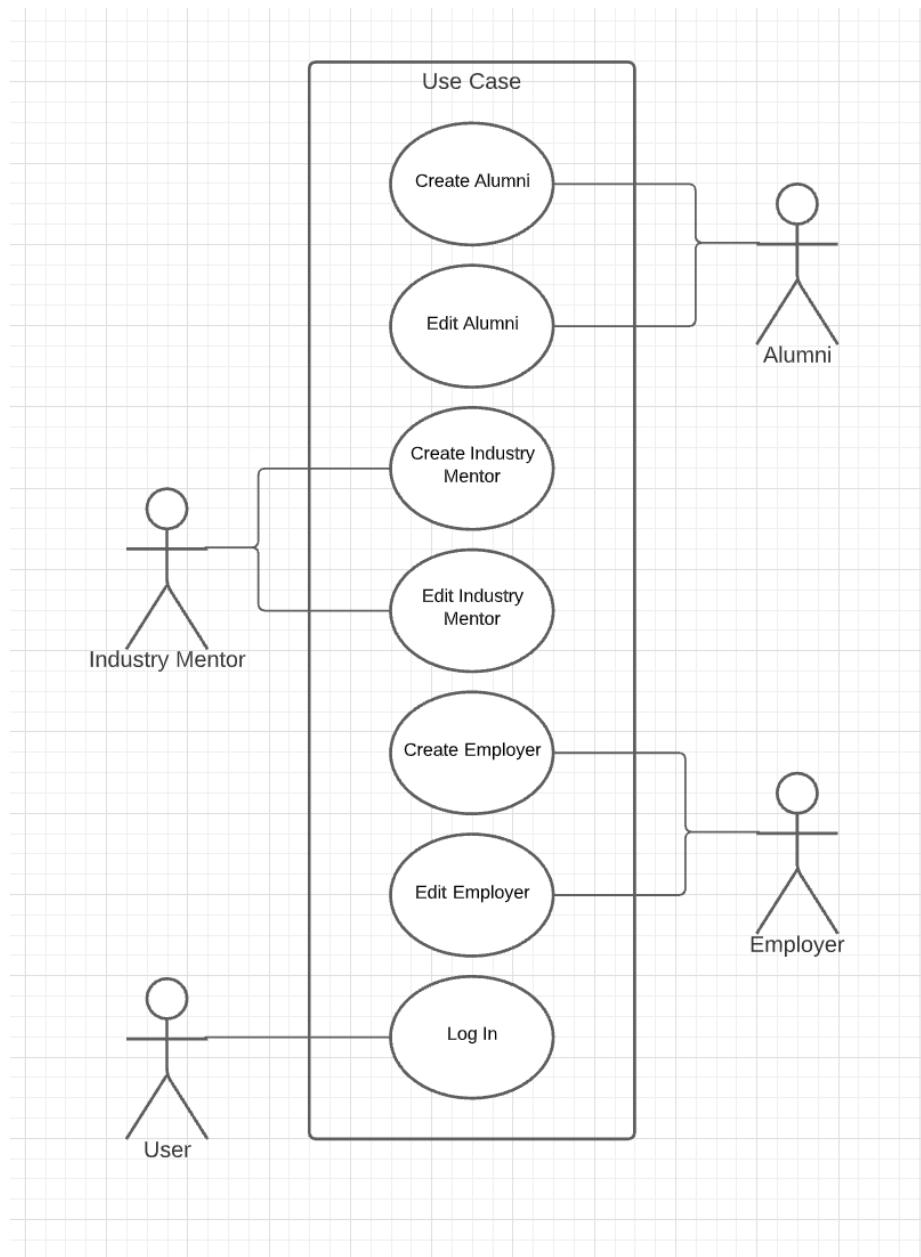
In this diagram, administrators need to be able to create, edit and delete events. They also need to be able to post, edit and delete announcements as well as post photos on the website.



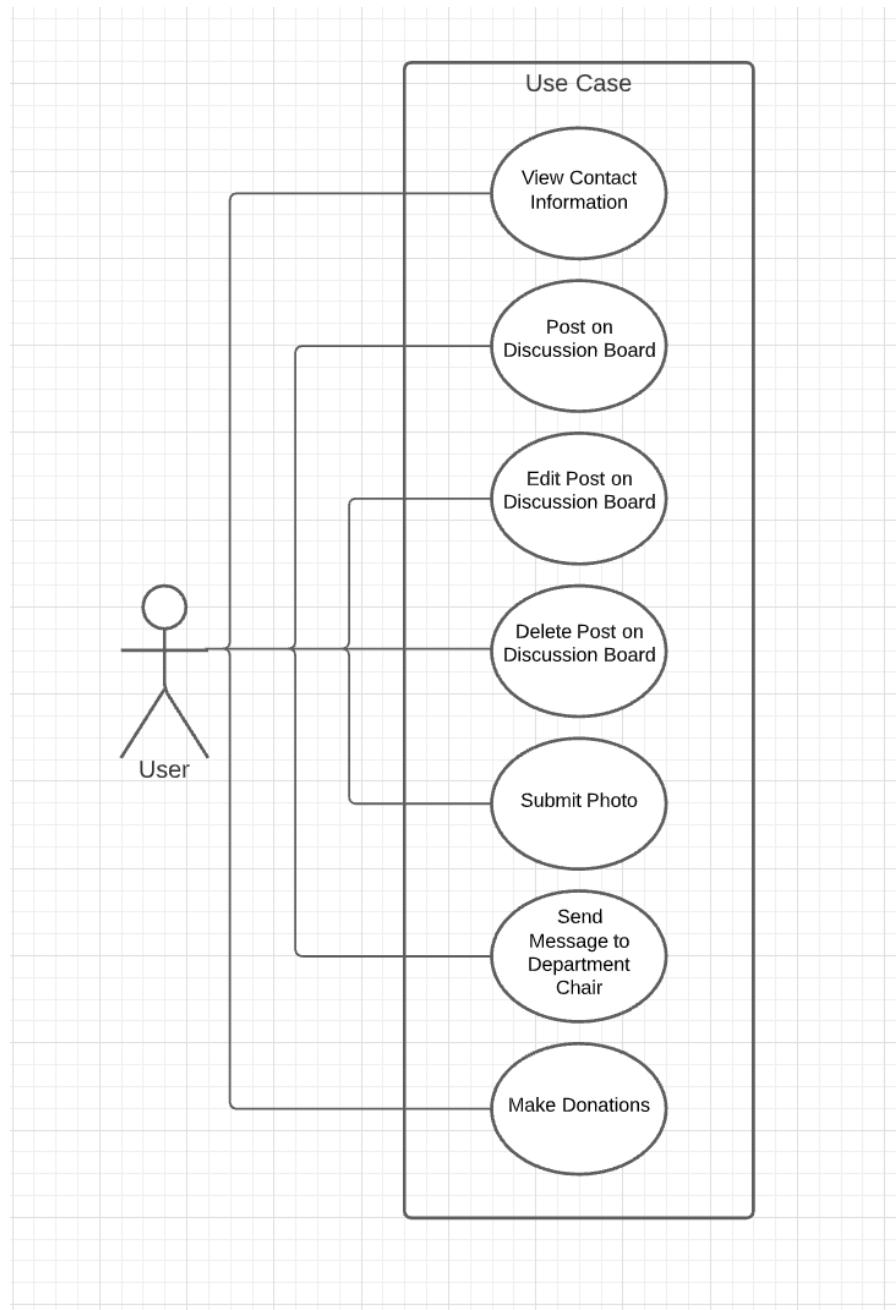
In this diagram, administrators need to be able to delete photos they have posted, facilitate alumni surveys and send out email blasts. They also need to be able to back-up the system and restore it from that back-up if needed. Students need to be able to make themselves an account and edit their account information.



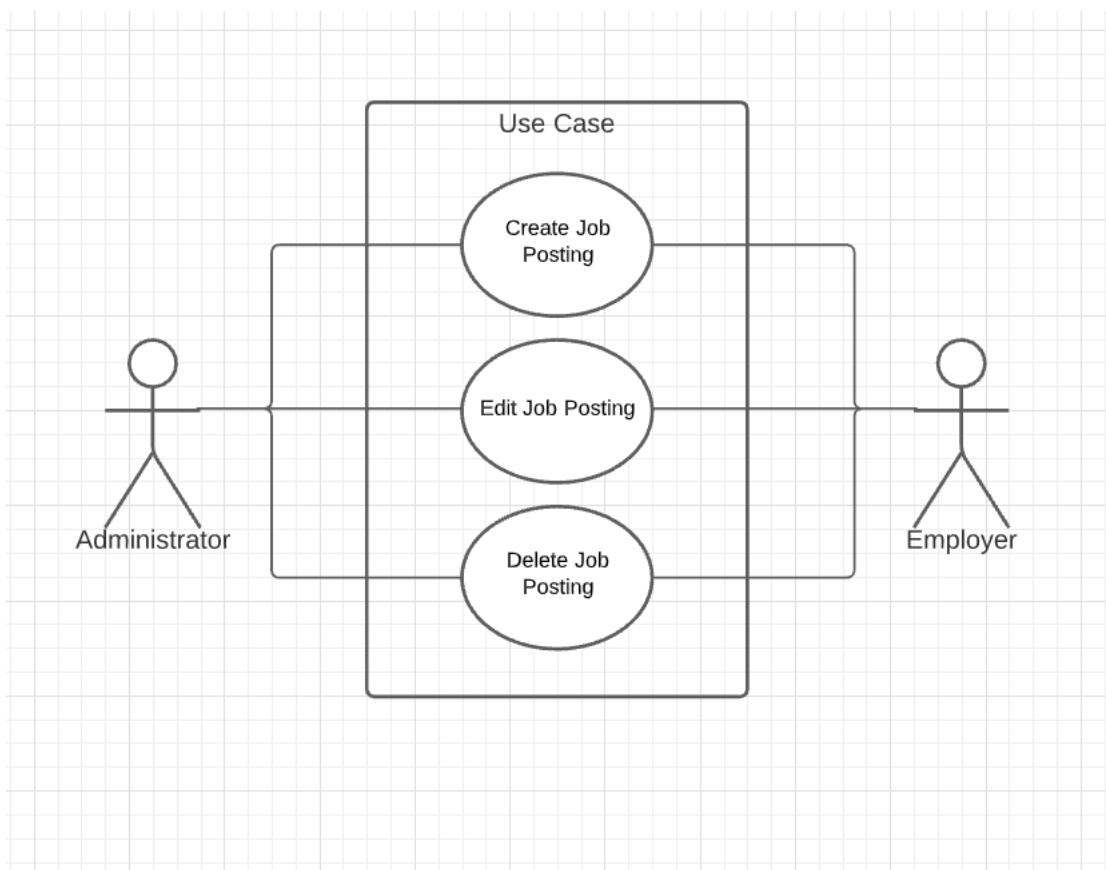
In this diagram, alumni need to be able to create an account and edit their account information. Industry mentors and employers also need to be able to create accounts and edit their account information. All users need to be able to log in and access the system.



In this diagram, users need to be able to view contact information of other users of the system. Users also need to be able to post on the discussion board, edit those posts, and delete those posts. They also need to be able to send messages to the Department Chair, submit photos, and donate money.

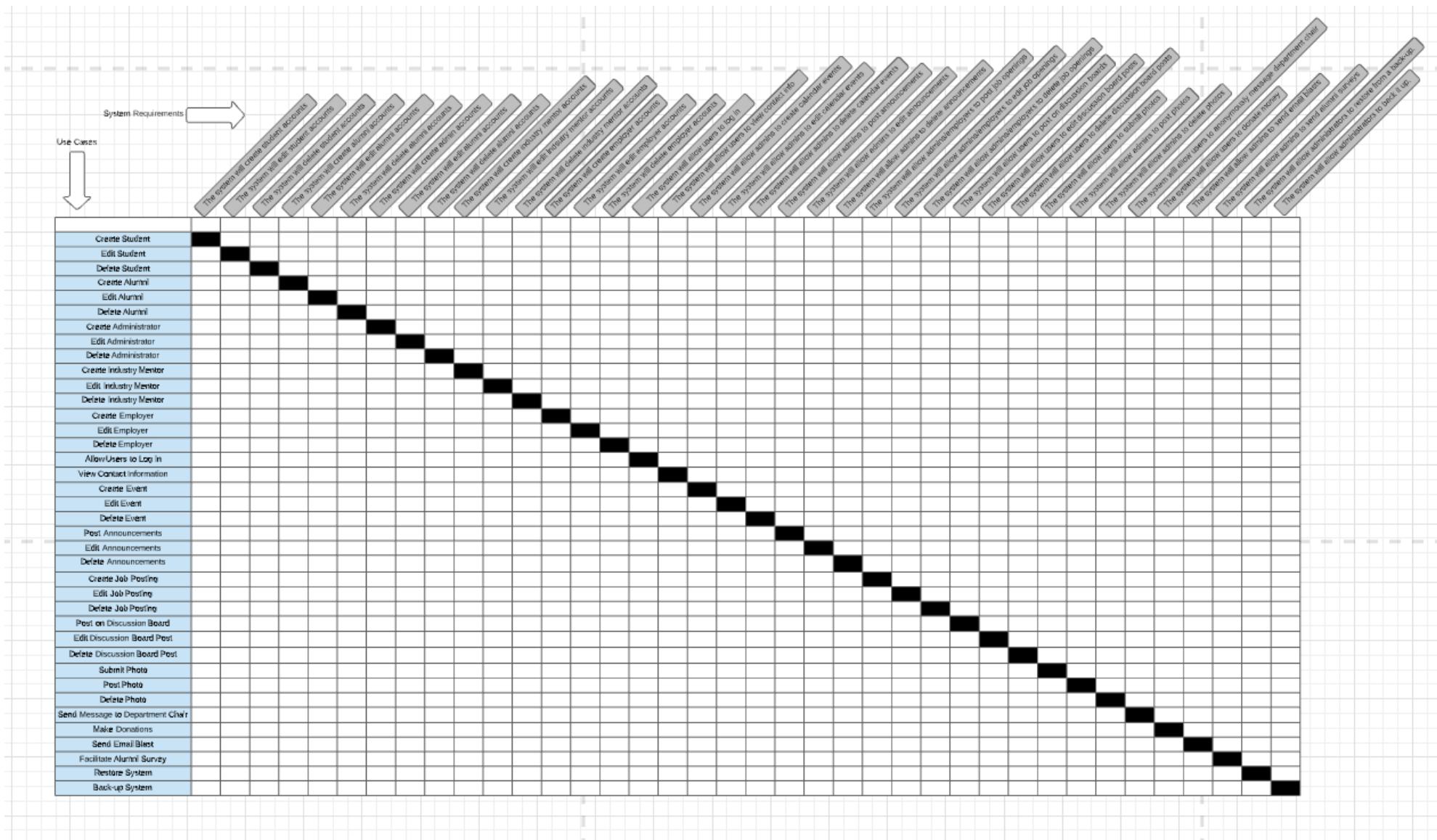


In this diagram, administrators and employers need to be able to create, edit and delete job postings.



## Trace Matrix

This matrix shows how our functional requirements and use cases align. Each use case is attached to a functional requirement to ensure it will be possible with the new system.



CIS Mentoring Program	Version: <1.0>
Use Case Specification: View Contact Information	Date: 03/10/2021

# Use Case Specification: View Contact Information

## 1. View Contact Information

### 1.1 Brief Description

The system needs to allow users to view the contact information for other users in the system.

## 2. Flow of Events

### 2.1 Basic Flow

The user logs in.

The user selects another user's profile through a search user lookup function.

The employer clicks on desired profile.

The employer sees multiple account settings.

The employer clicks on "View contact information" on the desired user's page.

The system displays the contact information.

## 3. Special Requirements

### 3.1 Must be logged into the profile

## 4. Pre-conditions

### 4.1 Internet connection

Users must be connected to the internet in order to view other users contact information.

## 5. Post-conditions

### 5.1 Contact information will be displayed.

## 6. Extension Points

N/A

CIS Mentoring Program	Version: <1.0>
Use Case Specification: Submit Photo	Date: 03/10/2021

# **Use Case Specification: Submit Photo**

## **1. Submit Photo**

### **1.1 Brief Description**

The system needs to allow users to submit photos from events.

## **2. Flow of Events**

### **2.1 Basic Flow**

The user logs in.

The user selects the “create a post”.

The system will display a white box with the option to submit a photo.

The user clicks on ”Submit a photo”.

The user will have the option to choose a photo to submit from a hard drive or the cloud.

The user selects a photo to submit.

The user clicks “choose”.

The system will display the chosen photo on the screen.

The user clicks “submit”.

The system has submitted the photo for approval.

## **3. Special Requirements**

### **3.1 Users must be logged into their profile**

## **4. Pre-conditions**

### **4.1 Internet connection**

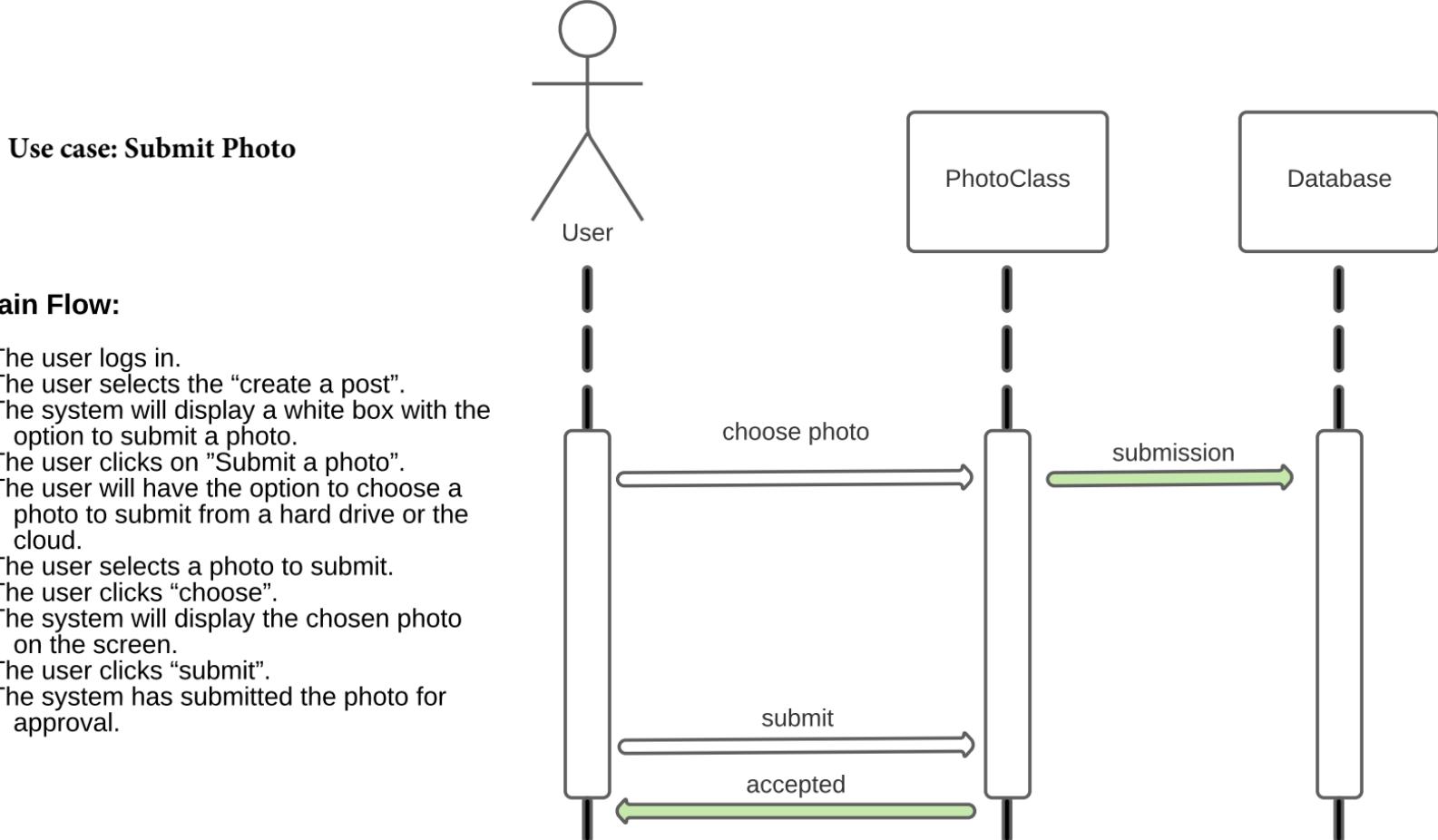
The user must be connected to the internet in order to submit a photo

## **5. Post-conditions**

### **5.1 Photo submission will be pending approval by the administrator.**

## **6. Extension Points**

N/A



CIS Mentoring Program	Version: 1.0
Use Case Specification: Send Message to Department Chair	Date: 03/10/2021
<document identifier>	

# Use Case Specification: Send Message to Department Chair

## 1.1 Brief Description

This use case describes the process that users will go through in order to send a message directly to the department chair. This message may be left anonymous.

## 2. Flow of Events

### 2.1 Basic Flow

- The user clicks “Send Message to Department Chair”.
- The user selects what type of user they are.
- The user types their message.
- The user clicks “Send Message”.

### 2.2 Alternative Flows

#### 2.2.1 User Includes Name

- The user clicks “Send Message to Department Chair”.
- The user selects what type of user they are.
- The user types their message.
- The user types their name.
- The user clicks “Send Message”.

## 3. Special Requirements

N/A

## 4. Pre-conditions

Pre-conditions are what must be true before the user can perform the desired action.

### 4.1 The user has an internet connection.

### 4.2 The user has an account.

## 5. Post-conditions

Post-conditions are what happens directly after the Flow of Events concludes.

### 5.1 The message is sent to the Department Chair.

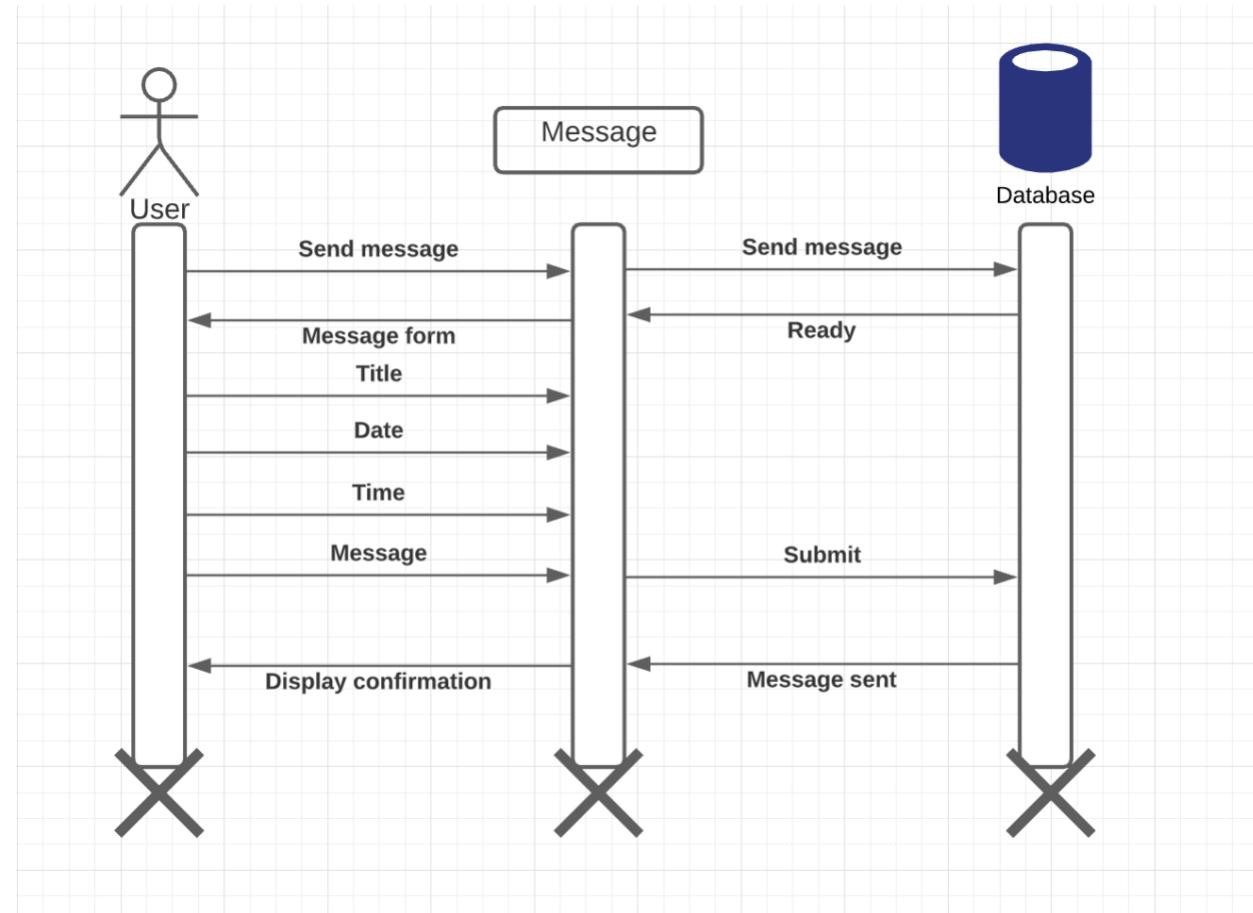
## 6. Extension Points

N/A

## Use Case: Send Message to Department Chair

### Main Flow:

- The user clicks “Send Message to Department Chair”.
- The user types the title.
- The user types the date.
- The user types the time.
- The user types the message
- The user clicks “Send Message”.



CIS Mentoring Program	Version: <1.0>
Use Case Specification: <Use-Case Name>	Date: 09/03/21

# Use Case Specification: Send Email Blast

## 1.1 Brief Description

The system will allow for administrators to send email blasts to all users for notification purposes

## 2. Flow of Events

### 2.1 Basic Flow

Administrator opens administrator tools

Admin selects send email blast.

System provides form where admin may choose to adjust recipients (all users, employers, students, mentors)

Form also includes text box for email content and formatting options (Font size/type, bold, italics)

Admin fills fields

Admin selects send.

System sends email to all emails associated with recipients chosen by sender.

### 2.2 Alternative Flows

#### 2.2.1 Admin Cancels

Administrator opens administrator tools

Admin selects send email blast.

System provides form where admin may choose to adjust recipients (all users, employers, students, mentors)

Form also includes text box for email content and formatting options (Font size/type, bold, italics)

Admin selects cancel.

System returns Admin to admin tools.

## 3. Special Requirements

### 3.1 Must Have Administrator Privileges

The user sending the email blast must have administrator privileges. No option to send email blast will be given to non admins.

## 4. Pre-conditions

### 4.1 User Must Have Valid Account

The user must have already made an account that has been approved to make a post.

### 4.2 User Must be Logged In

The user must be logged in to their account before accessing the site and posting on the Discussion Board.

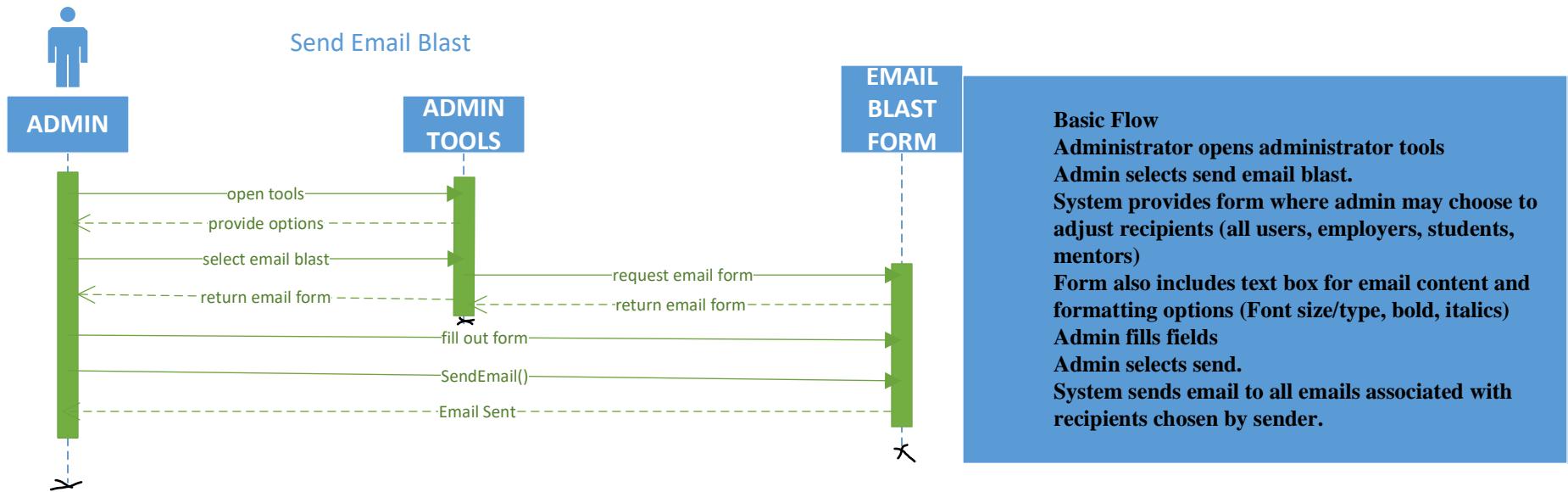
## 5. Post-conditions

### 5.1 Emails are sent to all recipients

An email with the contents written in the text box of the email form is sent to all recipients selected by the administrator

## 6. Extension Points

N/A



Student Mentoring System	Version: <1.0>
Use Case Specification: Restore System	Date: 03/09/2021
<document identifier>	

# Use Case Specification: Restore System

## 1. Restore System

### 1.1 Brief Description

2. The system needs to allow administrators to restore the system from a back-up.

## 3. Flow of Events

### 3.1 Basic Flow

Administrator opens administrator tools

Admin selects site management.

Admin selects backups.

The system provides a list of backups for the admin to choose from.

Admin will have the option to sort the backups by date, backup name, etc.

Admin selects restore after they chose a backup.

System restores from a back-up.

### 3.2 Alternative Flows

## 4. Special Requirements

N/A

### 4.1 < First Special Requirement >

## 5. Pre-conditions

Users must have administrator privileges and must be logged in in order to restore a system from a backup.

## 6. Post-conditions

System restores from a backup.

## 7. Extension Points

[Extension points of the use case.]

### 7.1 <Name of Extension Point>

[Definition of the location of the extension point in the flow of events.]

CIS Mentoring Program	Version: <1.0>
Use Case Specification: Post Photo	Date: 03/10/2021

# Use Case Specification: Post Submitted Photos

## 1. Post Photo

### 1.1 Brief Description

The system needs to allow administrators to post photos from events.

## 2. Flow of Events

### 2.1 Basic Flow

The Admin logs in.

The administrator clicks on “Submitted photos inbox”

The administrator clicks on any new photo submission requests.

The administrator clicks on the “post” button.

The System prompts the administrator for a password.

The administrator enters the correct password.

The administrator clicks “Confirm.”

The administrator receives a system-generated pop-up box that says: “Photo Submitted”

The photo has been submitted.

## 3. Special Requirements

### 3.1 Users must be logged into their profile

## 4. Pre-conditions

### 4.1 Internet connection

The user must be connected to the internet in order to post a photo

### 4.2 The user must have admin permissions

## 5. Post-conditions

### 5.1 The photo will be submitted for viewing.

### 5.2 Extension Points

N/A

Cis Mentoring Program	Version: <1.0>
Use Case Specification: Post On Discussion Board	Date: 09/03/21

# Use Case Specification: Post on Discussion Board

## 1. Post on Discussion Board

### 1.1 Brief Description

The system will allow users to post questions, thoughts or comments on the discussion board.

## 2. Flow of Events

### 2.1 Basic Flow

User navigates to Discussion Board from site homepage.

System serves Discussion Board.

User clicks create new post button.

System provides a post form including fields for title, links, and main text of post with lightweight formatting options (bold, italics, font size, few type).

User fills in form.

User clicks post button.

System returns user to their post.

### 2.2 Alternative Flows

#### 2.2.1 <First Alternative Flow>

User navigates to Discussion Board from site homepage.

System serves Discussion Board.

User clicks create new post button.

System provides a post form including fields for title, links, and main text of post with lightweight formatting options (bold, italics, font size, few type).

User clicks cancel.

System returns user to Discussion Board.

## 3. Special Requirements

N/A

## 4. Pre-conditions

### 4.1 User Must Have Valid Account

The user must have already made an account that has been approved to make a post.

### 4.2 User Must be Logged In

The user must be logged in to their account before accessing the site and posting on the Discussion Board.

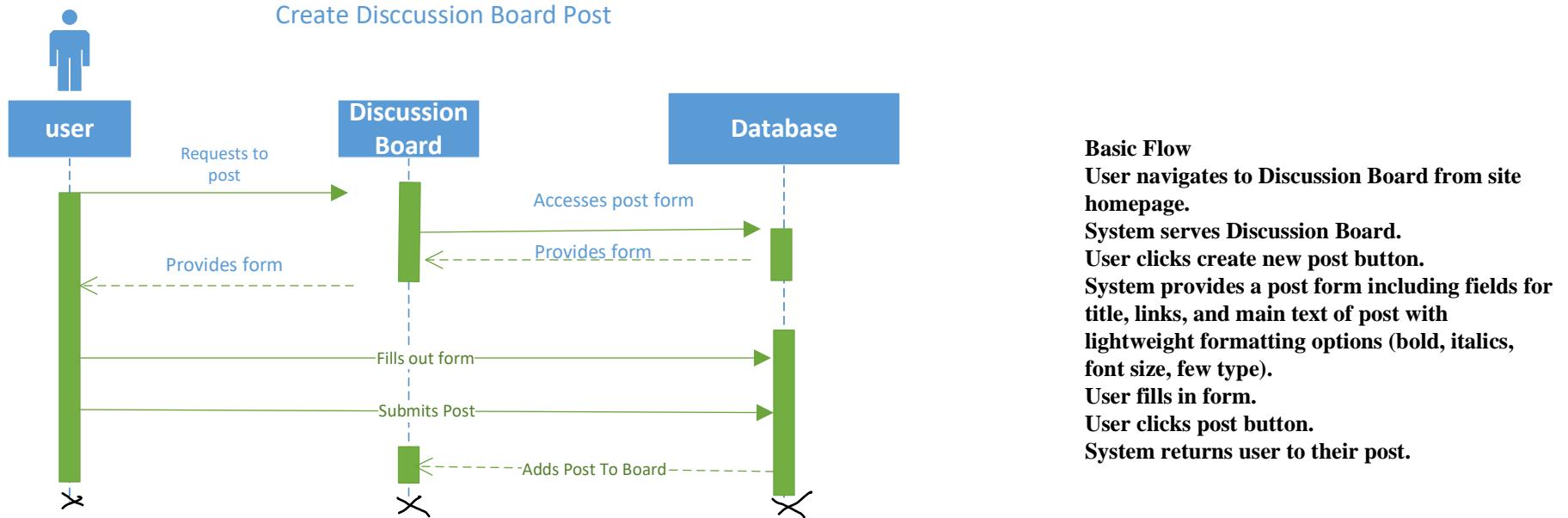
## 5. Post-conditions

### 5.1 Post Recorded

The post will be recorded into the system database and made available for all users of the site.

## 6. Extension Points

N/A



CIS Mentoring Program	Version: 1.0
Use Case Specification: Post Announcement	Date: 03/10/2021

# Use Case Specification: Post Announcements

## 1. Post Announcements

### 1.1 Brief Description

This use case describes the process that administrators will go through in order to post announcements for the rest of the program to see.

## 2. Flow of Events

### 2.1 Basic Flow

- The administrator clicks “New Announcement”.
- The administrator types their announcement.
- The administrator clicks “Post Announcement”.

### 2.2 Alternative Flows

N/A

## 3. Special Requirements

N/A

## 4. Pre-conditions

Pre-conditions are what must be true before the user can perform the desired action.

### 4.1 The administrator has an internet connection.

### 4.2 The administrator has an account with administrator privileges.

### 4.3 The administrator has logged into the site.

## 5. Post-conditions

Post-conditions are what happens directly after the Flow of Events concludes.

### 5.1 The announcement is posted.

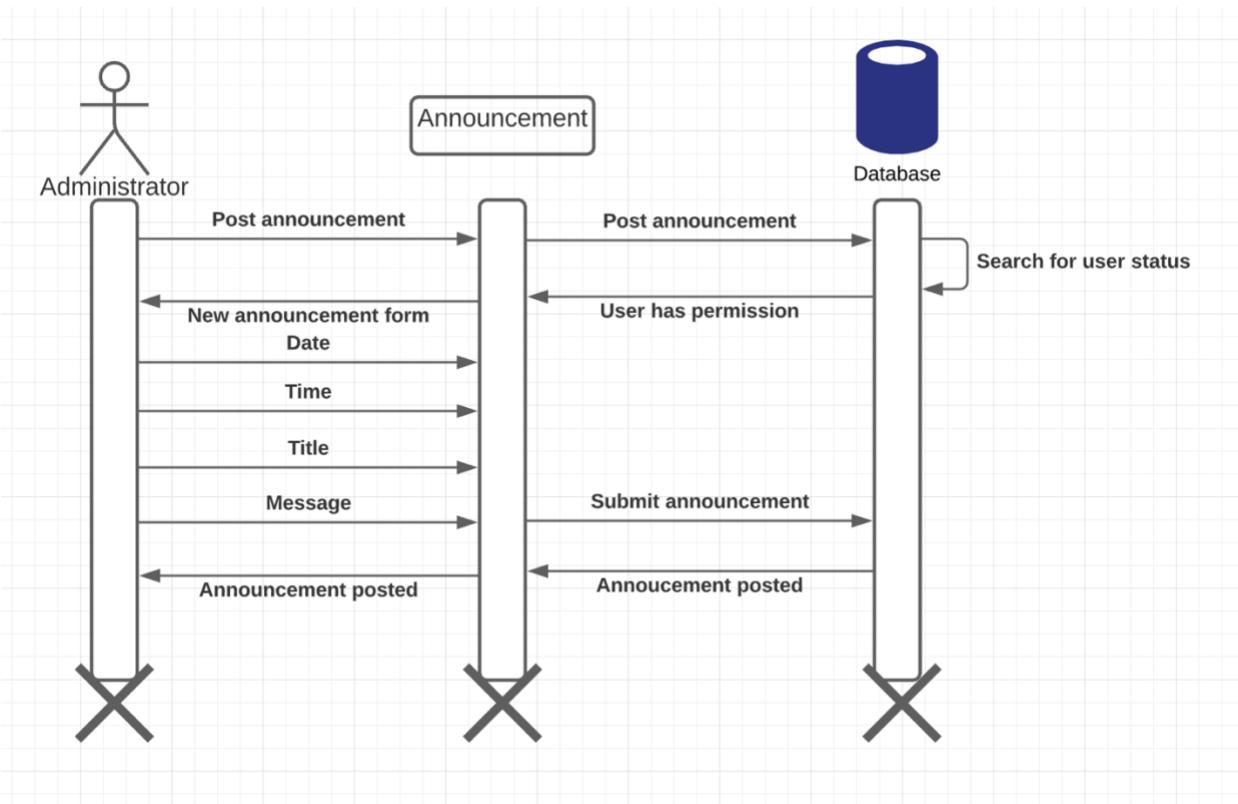
## 6. Extension Points

N/A

## Use Case: Post Announcement

Main Flow:

- The administrator clicks “New Announcement”.
- The administrator types the date.
- The administrator types the time.
- The administrator types the title.
- The administrator types the message.
- The administrator clicks “Post Announcement”.



CIS Mentoring Program	Version: <1.0>
Use Case Specification: Donations	Date: 03/10/2021

# Use Case Specification: Donations

## 1. Donations

### 1.1 Brief Description

The system will allow users to make a donation.

## 2. Flow of Events

### 2.1 Basic Flow

The user logs in.  
 The user clicks on “Make a donation”.  
 The system will ask the user for an amount to donate.  
 The user keys in the amount.  
 The user clicks “Next”.  
 The system will display payment method options.  
 The user selects the desired payment option.  
 The user will then be asked to key in his payment details.  
 The user clicks “Submit”.  
 The donation has been made.

## 3. Special Requirements

### 3.1 The user must be logged into the profile

## 4. Pre-conditions

### 4.1 Internet connection

Users must be connected to the internet in order to make a donation.

## 5. Post-conditions

### 5.1 Donations will be made.

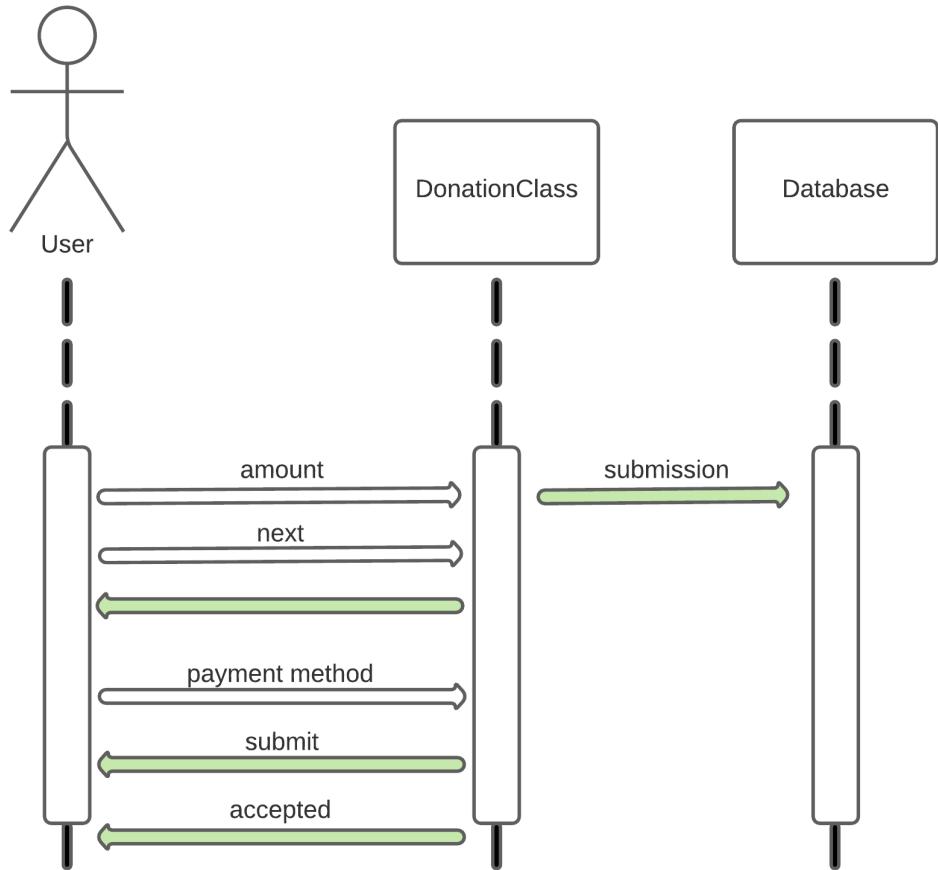
## 6. Extension Points

N/A

## Use case: Make a Donation

### Main Flow:

- The user logs in.
- The user clicks on "Make a donation".
- The system will ask the user for an amount to donate.
- The user keys in the amount.
- The user clicks "Next".
- The system will display payment method options.
- The user selects the desired payment option.
- The user will then be asked to key in his payment details.
- The user clicks "Submit".
- The donation has been made.



CIS Mentoring Program	Version: <1.0>
Use Case Specification: Facilitate Alumni Surveys	Date: 03/08/2021

# Use Case Specification: Facilitate Alumni Surveys

## 1. Facilitate Alumni Surveys

### 1.1 Brief Description

The system needs to allow administrators to send out alumni surveys.

## 2. Flow of Events

### 2.1 Basic Flow

Administrator opens administrator tools  
 Admin selects alumni surveys.  
 System provides form.  
 Form includes a text box for survey contents and formatting options (Font size/type, bold, italics)  
 Admin fills survey fields  
 Admin selects send.  
 System sends surveys to alumni

### 2.2 Alternative Flows

#### 2.2.1 Admin Cancels

Administrator opens administrator tools  
 Admin selects alumni surveys.  
 System provides form.  
 Form includes a text box for survey contents and formatting options (Font size/type, bold, italics)  
 Admin selects cancel.  
 System returns Admin to admin tools

## 3. Special Requirements

### 3.1 Must-Have Administrator Privileges

## 4. Pre-conditions

### 4.1 Admin Must Have Valid Account

The user must have already made an account that has been approved to make a post.

### 4.2 Admin Must be Logged In

## 5. Post-conditions

### 5.1 Surveys are sent to Alumni

## 6. Extension Points

N/A

Student Mentoring System	Version: <1.0>
Use Case Specification: Edit Student	Date: 03/08/2021
<document identifier>	

# Use Case Specification: Edit Student

## 1. Edit Student

### 1.1 Brief Description

This use case details the edits of a student profile such as their bio, posts, comments, etc.

## 2. Flow of Events

### 2.1 Basic Flow

User logs in.

User selects their profile.

User is taken to their profile page.

User clicks on account settings.

User sees multiple account settings.

User clicks on “edit student profile”.

Various options are shown to the user.

User clicks on “edit bio”.

User edits bio.

User clicks “complete bio”.

System asks to confirm edit.

User Confirms

System updates edited bio on user’s profile.

### 2.2 Alternative Flows

#### 2.2.1 Alternate Flow 1: Edit Posts

User logs in.

User selects their profile.

User is taken to their profile page.

User clicks on account settings.

User sees multiple account settings.

User clicks on “edit student profile”.

Various options are shown to the user.

User clicks on “edit posts”.

User selects a post.

User clicks “edit post”.

User edits post.

User clicks “update post”.

System asks to confirm edit.

User Confirms

System updates edited post on user’s profile.

## 3. Special Requirements

N/A

### 3.1 < First Special Requirement >

Student Mentoring System	Version: <1.0>
Use Case Specification: Edit Student	Date: 03/08/2021
<document identifier>	

#### **4. Pre-conditions**

User must be logged in in order to edit their student account information

##### **4.1 < Pre-condition One >**

#### **5. Post-conditions**

User's account information is edited

##### **5.1 < Post-condition One >**

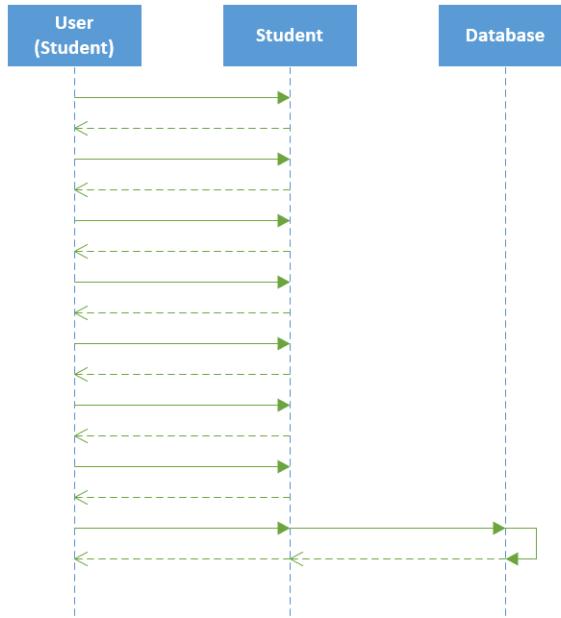
#### **6. Extension Points**

[Extension points of the use case.]

##### **6.1 <Name of Extension Point>**

[Definition of the location of the extension point in the flow of events.]

## Edit Student



### **Basic Use Case Flow of Edit Student**

- The student logs in
- The student clicks on profile settings
- The student clicks edit student
- The student edits their information
- The student clicks “confirm”
- The system prompts user for password
- The student enters password
- The students information is edited

CIS Mentoring System	Version: 1.0
Use Case Specification: Edit Job Posting	Date: 3/9/2021
<document identifier>	

# Use Case Specification: Edit Job Posting

## 1. Use-Case Name

### 1.1 Brief Description

The following use case explains the process that system administrators will go through in order to edit a job post

## 2. Flow of Events

The flow of events are the set of steps the admin will follow to perform the desired action.

### 2.1 Basic Flow

- The admin clicks on the job posting page.
- The admin selects the post
- The admin selects edit post
- The admin edits the post
- The admin clicks submit
- System asks for confirmation for submitting the edited post
- The admin confirms
- The job posting has been edited

### 2.2 Alternative Flows

#### 2.2.1 Employer edits a job posting rather than an administrator

- The employer clicks on the job posting page.
- The employer selects the post
- The employer selects edit post
- The employer edits the post
- The employer clicks submit
- System asks for confirmation for submitting the edited post
- The employer confirms
- The job posting has been edited

## 3. Special Requirements

### 3.1 < First Special Requirement >

## 4. Pre-conditions

N/A

### 4.1 < Pre-condition One >

## 5. Post-conditions

A job posting is edited for the website

### 5.1 < Post-condition One >

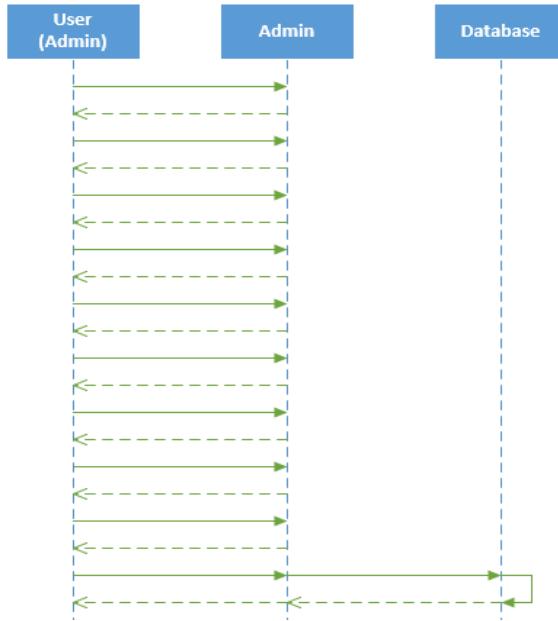
## 6. Extension Points

[Extension points of the use case.]

### 6.1 <Name of Extension Point>

[Definition of the location of the extension point in the flow of events.]

## Edit Job Posting



### **Basic Use Case Flow of Edit Job Posting**

- The admin logs in
- The admin clicks on “Job Posting tab”
- The admin clicks “Job Posting settings”
- The admin clicks “Edit Post”
- Different options are presented to admin
- The admin edits job post
- The admin clicks confirm edit
- System prompts for a password
- Admin enters password
- The job post is updated

Student Mentoring System	Version: <1.0>
Use Case Specification: Edit Industry Mentor	Date: 03/08/2021
<document identifier>	

# Use Case Specification: Edit Industry Mentor

## 1. Edit Student

### 1.1 Brief Description

This use case details the edits of a Mentor's account information.

## 2. Flow of Events

### 2.1 Basic Flow

User logs in.  
User selects their profile.  
User is taken to their profile page.  
User clicks on account settings.  
User sees multiple account settings.  
User clicks on “edit industry mentor profile”.  
Various options are shown to the user.  
User clicks on “edit bio”.  
User edits bio.  
User clicks “complete bio”.  
System asks to confirm edit.  
User Confirms  
System updates edited bio on user's profile.

### 2.2 Alternative Flows

#### 2.2.1 *Alternate Flow 1: Edit Posts*

User logs in.  
User selects their profile.  
User is taken to their profile page.  
User clicks on account settings.  
User sees multiple account settings.  
User clicks on “edit Industry Mentor profile”.  
Various options are shown to the user.  
User clicks on “edit posts”.  
User selects a post.  
User clicks “edit post”.  
User edits post.  
User clicks “update post”.  
System asks to confirm edit.  
User Confirms  
System updates edited post on user's profile.

##### 2.2.1.1 < An Alternative Subflow >

[Alternative flows may, in turn, be divided into subsections if it improves clarity.]

#### 2.2.2 < Second Alternative Flow >

[There may be, and most likely will be, a number of alternative flows in a use case. Keep each alternative

Student Mentoring System	Version: <1.0>
Use Case Specification: Edit Industry Mentor	Date: 03/08/2021
<document identifier>	

flow separate to improve clarity. Using alternative flows improves the readability of the use case, as well as preventing use cases from being decomposed into hierarchies of use cases. Keep in mind that use cases are just textual descriptions, and their main purpose is to document the behavior of a system in a clear, concise, and understandable way.]

### **3. Special Requirements**

N/A

#### **3.1 < First Special Requirement >**

### **4. Pre-conditions**

User must be logged in in order to edit their Industry Mentor account

#### **4.1 < Pre-condition One >**

### **5. Post-conditions**

An updated edit has taken place in the Mentor's profile

#### **5.1 < Post-condition One >**

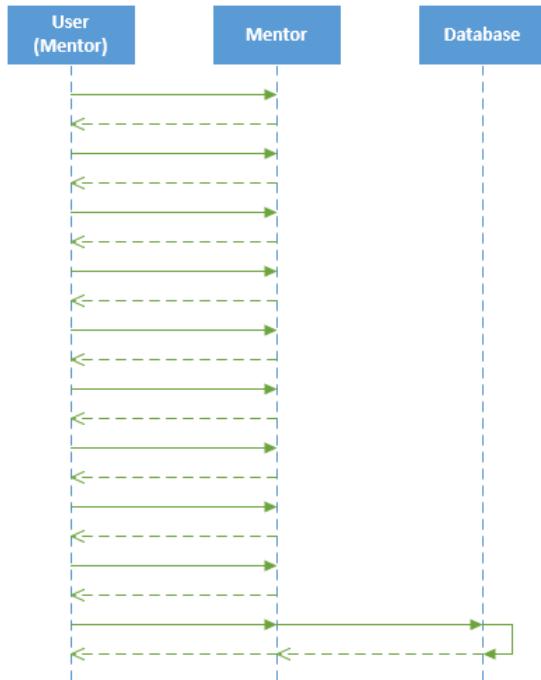
### **6. Extension Points**

[Extension points of the use case.]

#### **6.1 <Name of Extension Point>**

[Definition of the location of the extension point in the flow of events.]

## Edit Industry Mentor



### **Basic Use Case Flow of Edit Industry Mentor**

- The mentor clicks on their profile.
- The mentor is taken to their profile page
- The mentor clicks on “account settings”
- The mentor clicks on “Edit Mentor Profile”
- Different options are presented to Mentor
- The mentor edits their basic information
- The mentor clicks confirm edit
- System prompts for a password
- The mentor enters “password”
- The mentors account information is edited

CIS Mentoring Program	Version: 1.0
Use Case Specification: Create Event	Date: 03/10/2021

# Use Case Specification: Edit Event

## 1. Edit Event

### 1.1 Brief Description

This use case describes the steps that an administrator would take in order to edit an event that they have already created and added to the calendar in the system.

## 2. Flow of Events

The Flow of Events is the set of steps the user will follow to perform the desired action.

### 2.1 Basic Flow

- The administrator clicks on the event they would like to edit.
- The administrator edits the date of the event.
- The administrator clicks “Save”.

### 2.2 Alternative Flows

#### 2.2.1 Administrator Edits Time

- The administrator clicks on the event they would like to edit
- The administrator edits the time of the event
- The administrator clicks “Save”.

#### 2.2.2 Administrator Edits Name

- The administrator clicks on the event they would like to edit.
- The administrator edits the name of event.
- The administrator clicks “Save”.

#### 2.2.3 Administrator Edits Description

- The administrator clicks on the event they would like to edit.
- The administrator edits the description of the event.
- The administrator clicks “Save”.

## 3. Special Requirements

N/A

## 4. Pre-conditions

Pre-conditions are what must be true before the user can perform the desired action.

- 4.1 **The administrator has an internet connection.**
- 4.2 **The administrator has an account with administrator privileges.**
- 4.3 **The administrator is logged into the site.**
- 4.4 **There is an event on the calendar to edit.**

## 5. Post-conditions

Post-conditions are what happens directly after the Flow of Events concludes.

CIS Mentoring Program	Version: 1.0
Use Case Specification: Create Event	Date: 03/10/2021

**5.1 The event is updated.**

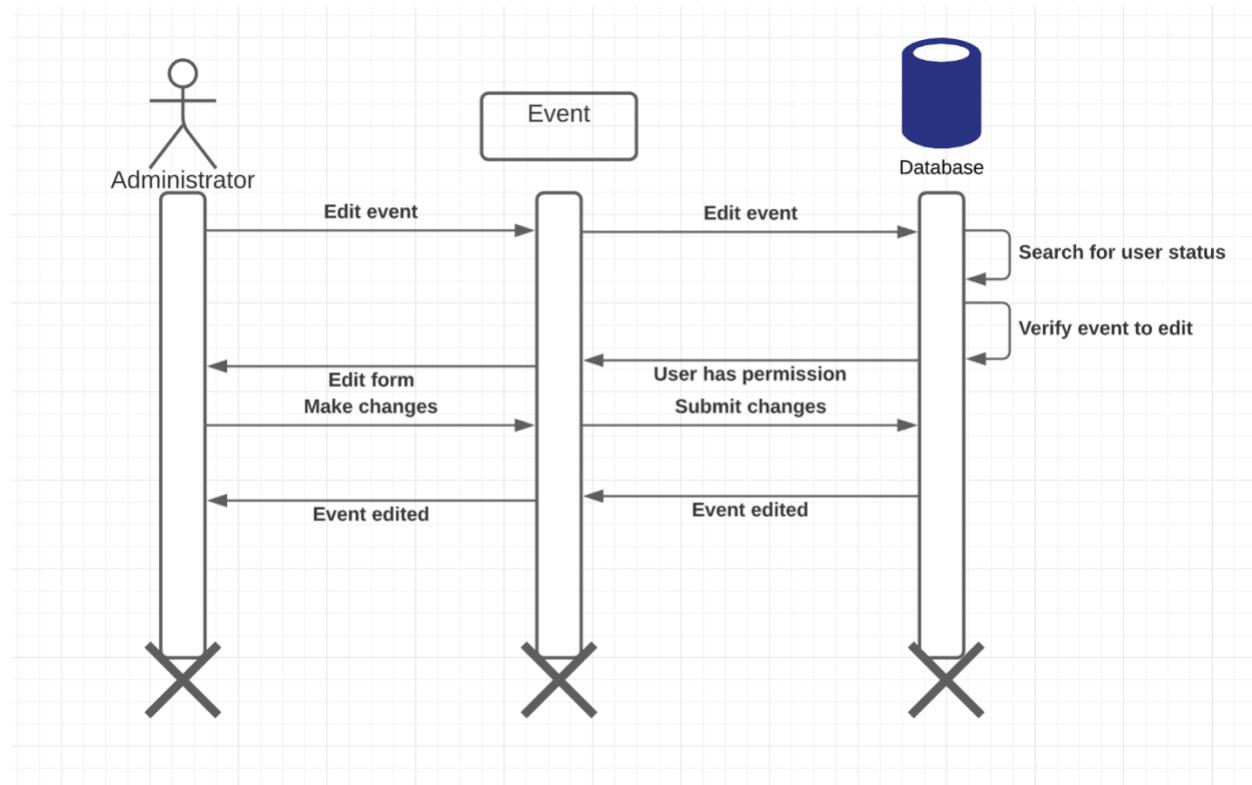
## **6. Extension Points**

N/A

## Use Case: Edit Event

### Main Flow:

- The administrator clicks on the event they would like to edit.
- The administrator edits the date of the event.
- The administrator clicks “Save”.



CIS Mentoring Program	Version: <1.0>
Use Case Specification: Edit Employer	Date: 03/10/2021

# Use Case Specification: Edit Employer

## 1. Edit Employer

### 1.1 Brief Description

The system needs to allow employers to edit their account information.

## 2. Flow of Events

### 2.1 Basic Flow

The employer logs in.  
 The employer selects their profile.  
 The employer clicks on account settings.  
 The employer sees multiple account settings.  
 The employer clicks on “edit employer profile”.  
 The system asks to confirm the edit.  
 The employer Confirms  
 System updates the employer’s profile.

### 2.2 Alternative Flows

#### 2.2.1 After profile creation, an employer can edit the profile

The employer clicks “create an account”.  
 The employer selects “employee”.  
 The employer types in their desired email.  
 The employer types in their desired password.  
 The employer clicks “Create account”.  
 Employer account now created.  
 The employer clicks on account settings.  
 The employer sees multiple account settings.  
 The employer clicks on “edit employer profile”.  
 The system asks to confirm the edit.  
 The employer Confirms  
 System updates the employer’s profile.

## 3. Special Requirements

### 3.1 Must be logged into the profile

## 4. Pre-conditions

### 4.1 Internet connection

User must be connected to the internet in order to edit an account

## 5. Post-conditions

### 5.1 Employer profile updated

## 6. Extension Points

N/A

CIS Mentoring Program	Version: <1.0>
Use Case Specification: Edit Post on Discussion Board	Date: 09/03/21
<document identifier>	

# Use Case Specification: Edit Post on Discussion Board

## 1.1 Brief Description

The owner of a post will be able to return to it after posting and edit the contents.

## 2. Flow of Events

### 2.1 Basic Flow

User navigates to discussion board.  
User navigates to their post that has previously been made.  
User clicks edit button.  
System provides a post form including fields for title, links, and main text of post with lightweight formatting options (bold, italics, font size, few type).  
Main text is filled with original contents of the post  
User fills in form.  
User clicks save button.  
System returns user to their post.

### 2.2 Alternative Flows

#### 2.2.1 *Navigate through user profile*

User navigates to their profile.  
User navigates to post history.  
User navigates to specific post.  
System serves the page for post on discussion board.  
User clicks edit button.  
System provides a post form including fields for title, links, and main text of post with lightweight formatting options (bold, italics, font size, few type).  
Main text is filled with original contents of the post  
User fills in form.  
User clicks save button.  
System returns user to their post.

#### 2.2.2 *User Cancels*

User navigates to discussion board.  
User navigates to their post that has previously been made.  
User clicks edit button.  
System provides a post form including fields for title, links, and main text of post with lightweight formatting options (bold, italics, font size, few type).  
Main text is filled with original contents of the post.  
User clicks cancel.  
System returns user to their post.

## 3. Special Requirements

### 3.1 User Must Own Post

The only user who may edit a given post must be the original poster of the discussion board post.

CIS Mentoring Program	Version: <1.0>
Use Case Specification: Edit Post on Discussion Board	Date: 09/03/21
<document identifier>	

#### **4. Pre-conditions**

##### **4.1 User Must Have Valid Account**

The user must have already made an account that has been approved to make a post.

##### **4.2 User Must be Logged In**

The user must be logged in to their account before accessing the site and posting on the Discussion Board.

#### **5. Post-conditions**

##### **5.1 Post Recorded**

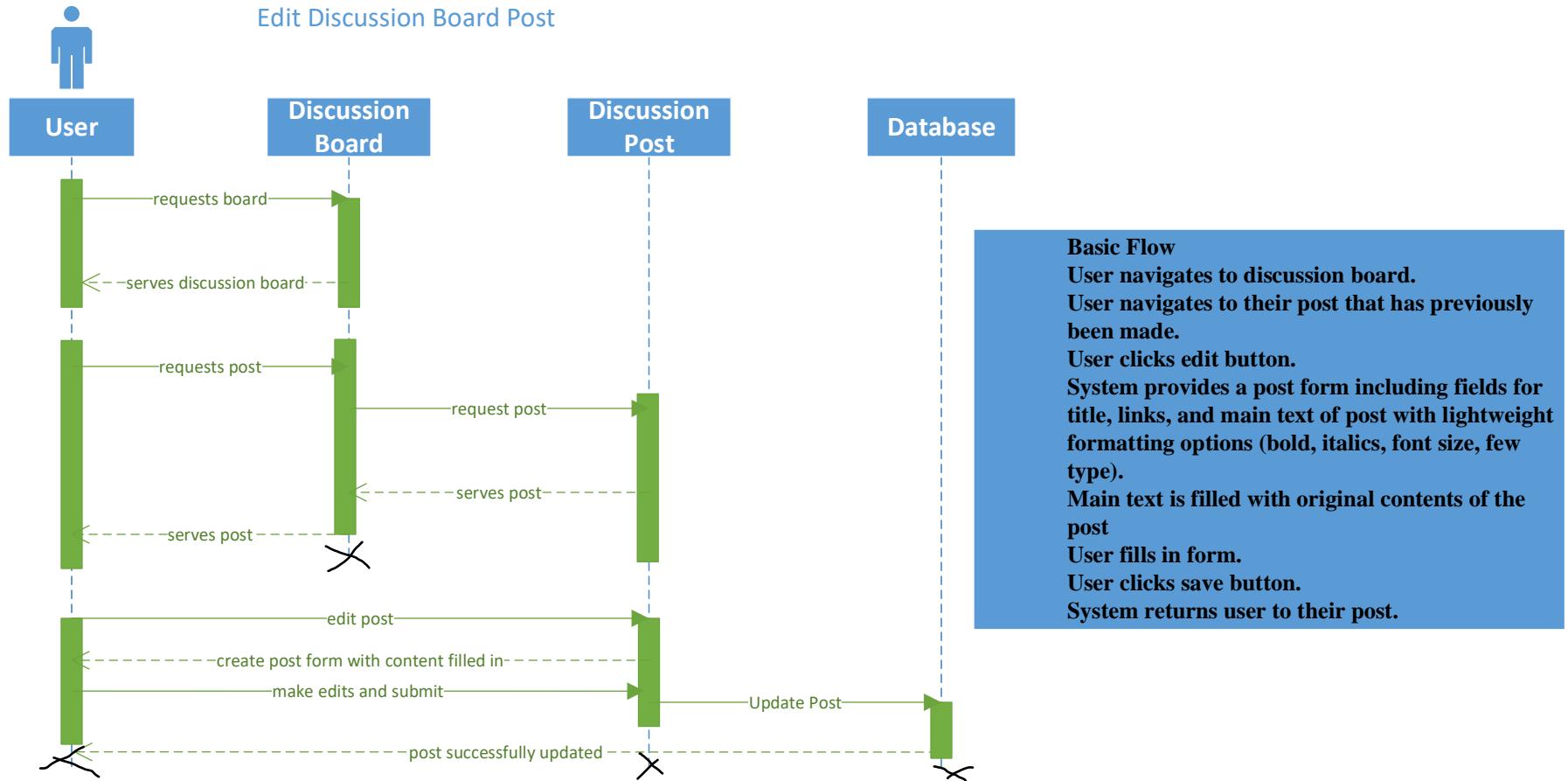
The user's post is recorded in to system database records.

##### **5.2 Post Displayed**

The user's post is made publicly visible to all users of the site in the discussion board.

#### **6. Extension Points**

N/A



CIS Mentoring Program	Version: 1.0
Use Case Specification: Edit Announcement	Date: 03/10/2021

# Use Case Specification: Edit Announcement

## 1. Use-Case Name

### 1.1 Brief Description

This use case describes the process that administrators will go through in order to edit announcements.

## 2. Flow of Events

### 2.1 Basic Flow

- The administrator clicks on the announcement they want to edit.
- The administrator clicks “Edit Announcement”.
- The administrator edits the announcement.
- The administrator clicks “Save”.

### 2.2 Alternative Flows

N/A

## 3. Special Requirements

N/A

## 4. Pre-conditions

Pre-conditions are what must be true before the user can perform the desired action.

### 4.1 The administrator has an internet connection.

### 4.2 The administrator has an account with administrator privileges.

### 4.3 The administrator is logged into the site.

### 4.4 There is an announcement to edit.

## 5. Post-conditions

Post-conditions are what happens directly after the Flow of Events concludes.

### 5.1 The announcement is updated.

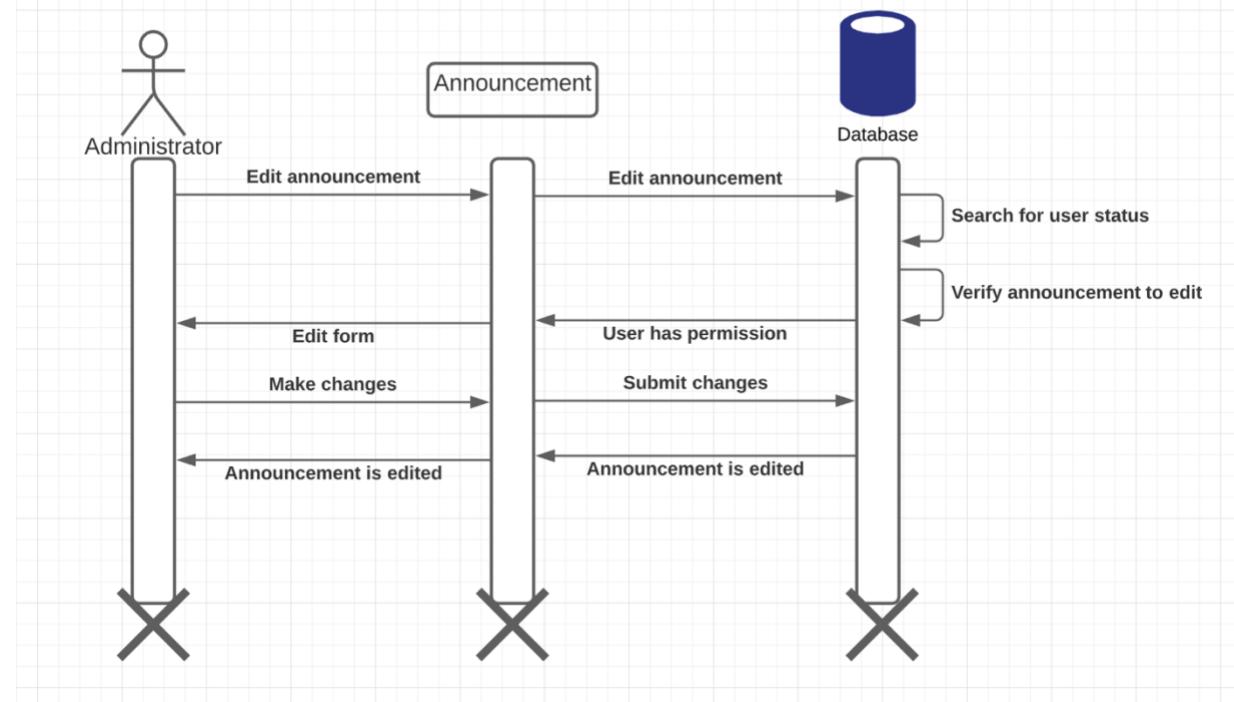
## 6. Extension Points

N/A

## Use Case: Edit Announcement

### Main Flow:

- The administrator clicks on the announcement they want to edit.
- The administrator clicks “Edit Announcement”.
- The administrator edits the announcement.
- The administrator clicks “Save”.



CIS Mentoring Program	Version: <1.0>
Use Case Specification: Edit Alumni Accounts	Date: 3/9/2021
<document identifier>	

# Use Case Specification: Edit Alumni Account

## 1. Use-Case Name

### 1.1 Brief Description

The following use case explains the process that alumni will go through to edit their accounts once logged in.

## 2. Flow of Events

The flow of events are the set of steps the user will follow to perform the desired action.

### 2.1 Basic Flow

- Alumni click on their profile.
- Alumni are taken to their profile page.
- Alumni clicks on “account setting”.
- Alumni clicks on “Edit alumni profile.”
- *Various options are shown to the alumni user.*
- Alumni edit their information.
- Alumni clicks “Confirm.”
- System prompts alumni to enter password.
- Alumni enters password.
- The alumni receives a pop up box - “Account settings saved.”
- 

### 2.2 Alternative Flows

#### 2.2.1 Alumni didn't submit valid information into <field> upon edit

- Alumni click on their profile.
- Alumni are taken to their profile page.
- Alumni clicks on “account setting”.
- Alumni clicks on “Edit alumni profile.”
- *Various options are shown to the alumni user.*
- Alumni edit their information.
- Alumni clicks “Confirm.”
- System prompts alumni to enter password.
- Alumni enters password.
- The alumni receives a pop up error box “<Field> invalid”
- The alumni re-edits <field>.
- Alumni clicks “Confirm.”
- System prompts alumni to enter password.
- Alumni enters password.
- The alumni receives a pop up box - “Account settings saved.”
- 

## 3. Special Requirements

N/A

## 4. Pre-conditions

*Pre-conditions are what must be true or done for the user to perform the desired action.*

CIS Mentoring Program	Version: <1.0>
Use Case Specification: Edit Alumni Accounts	Date: 3/9/2021
<document identifier>	

**4.1 The Alumni are logged into the systems**

**5. Post-conditions**

*Post-conditions are what happens directly after the Flow of Events conclude.*

**5.1 The Alumni settings are saved.**

**5.2 The Alumni are returned to their profile page.**

**6. Extension Points**

N/A

CIS Mentoring Program	Version: <1.0>
Use Case Specification: Edit Administrator Account	Date: 3/9/2021
<document identifier>	

# Use Case Specification: Edit Administrator Account

## 1. Use-Case Name

### 1.1 Brief Description

The following use case explains the process that an administrator will go through to edit their accounts.

## 2. Flow of Events

The flow of events are the set of steps the user will follow to perform the desired action.

### 2.1 Basic Flow

- Administrator click on their profile.
- Administrator are taken to their profile page.
- Administrator clicks on “account setting”.
- Administrator clicks on “Edit Administrator profile.”
- Various options are shown to the Administrator.
- Administrator edit their information.
- Administrator clicks “Confirm.”
- System prompts administrator to enter password.
- Administrator enters password.
- The administrator receives a pop up box - “Account settings saved.”

### 2.2 Alternative Flows

#### 2.2.1 Alumni didn't submit valid information into <field> upon edit

- Administrator click on their profile.
- Administrator are taken to their profile page.
- Administrator clicks on “account setting”.
- Administrator clicks on “Edit Administrator profile.”
- Various options are shown to the Administrator.
- Administrator edit their information.
- Administrator clicks “Confirm.”
- System prompts administrator to enter password.
- Administrator enters password.
- The administrator receives a pop up error box “<Field> invalid”
- The administrator re-edits <field>.
- Administrator clicks “Confirm.”
- System prompts administrator to enter password.
- Administrator enters password.
- The administrator receives a pop up box - “Account settings saved.”

## 3. Special Requirements

N/A

CIS Mentoring Program	Version: <1.0>
Use Case Specification: Edit Administrator Account	Date: 3/9/2021

#### **4. Pre-conditions**

Pre-conditions are what must be true or done for the user to perform the desired action.

##### **4.1 The Administrators have access to their account settings.**

#### **5. Post-conditions**

Post-conditions are what happens directly after the Flow of Events conclude.

##### **5.1 The Administrators Account settings are saved.**

#### **6. Extension Points**

N/A

Student Mentoring Program	Version: 1.0
Use Case Specification: Delete Student	Date: 3/2/2021
<document identifier>	

# Use Case Specification: Delete Student

## 1. Delete Student

### 1.1 Brief Description

This use case entails the deletion of a student profile, including their profile, comments, posts, and all other information associated with the record of the student. After the account is deleted, the user will not be logged in and can no longer log in.

## 2. Flow of Events

### 2.1 Basic Flow

User selects their profile.

User profile page is served to user.

User clicks on account settings.

Multiple account settings are presented to user.

User selects delete account.

System prompts user for password.

User enters correct password.

System warns user that their account will be deleted.

System asks user to confirm deletion.

User confirms.

System deletes all records associated with user.

System signs out user.

User sent to landing page.

### 2.2 Alternative Flows

#### 2.2.1 Alternate Flow 1: Incorrect Password

User selects their profile.

User profile page is served to user.

User clicks on account settings.

Multiple account settings are presented to user.

User selects delete account.

System Prompts user for password.

User enters Incorrect Password.

System sends user Incorrect Password Prompt

##### 2.2.1.1 User enters correct password.

System warns user their account will be deleted.

Student Mentoring Program	Version: 1.0
Use Case Specification: Delete Student	Date: 3/2/2021
<document identifier>	

System prompts for confirmation.  
User Confirms.  
System deletes all records associated with user.  
System signs out user.  
User is sent to landing page.

2.2.1.2 User selects cancel.  
System sends user to home page.

### 2.2.2 *User Changes Mind*

User selects their profile.  
User profile page is served to user.  
User clicks on account settings.  
Multiple account settings are presented to user.  
User selects delete account.  
System prompts user for password.  
User enters correct password.  
System warns user their account will be deleted.  
User cancels.  
System returns user to home page.

## 3. Special Requirements

N/A

## 4. Pre-conditions

### 4.1 Logged in

User must be logged in to account in order to delete account.

### 4.2 Known Password

User must know password beforehand to confirm account deletion

## 5. Post-conditions

### 5.1 User Account Deleted

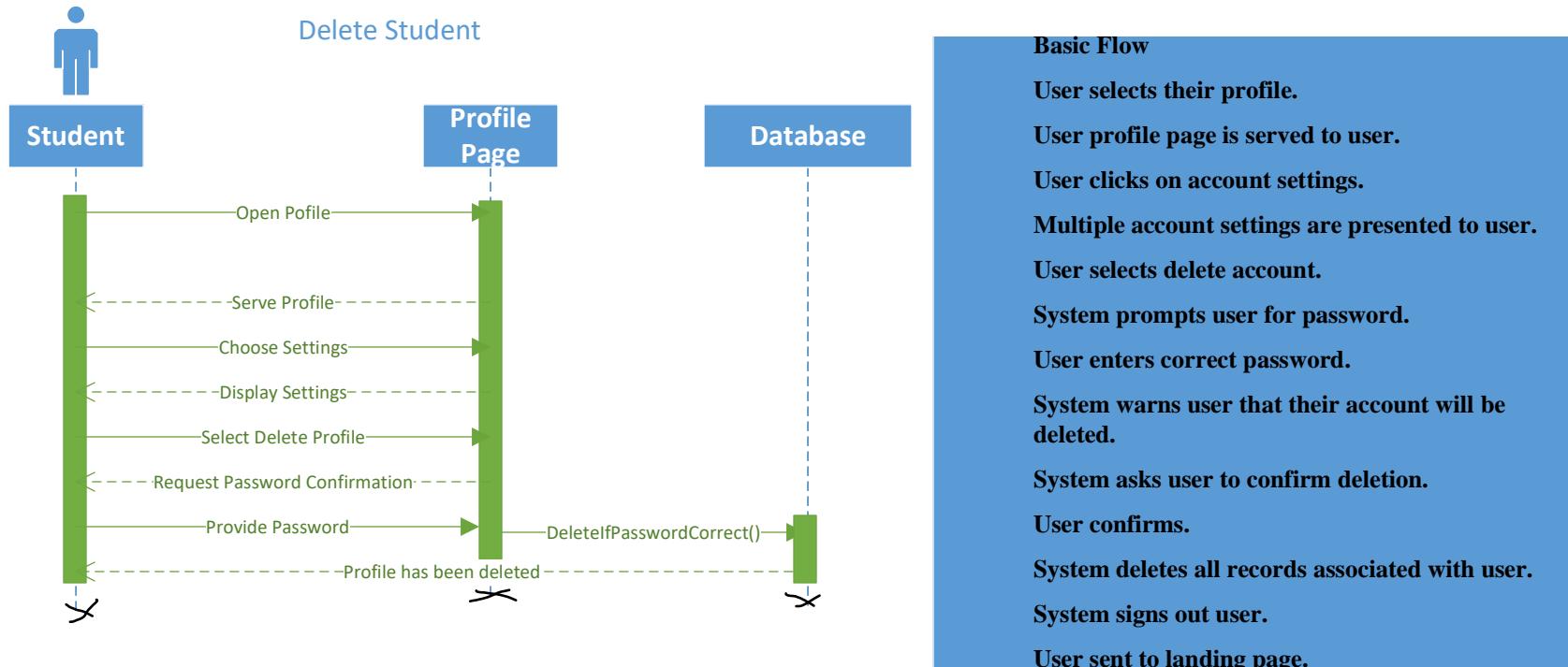
User account is deleted from system database.

### 5.2 User Records Deleted

All user records including comments, and other posts and records are deleted from system database.

## 6. Extension Points

N/A



CIS Mentoring Program	Version: <1.0>
Use Case Specification: Delete Posted Photos	Date: 3/9/2021
<document identifier>	

# Use Case Specification: Delete Posted Photos

## 1. Use-Case Name

### 1.1 Brief Description

The following use case explains the process that an administrator will go through to delete a photo that was posted from an event.

## 2. Flow of Events

The flow of events are the set of steps the user will follow to perform the desired action.

### 2.1 Basic Flow

- The administrator clicks on “Photos”
- The administrator clicks on Photo to delete.
- The administrator clicks on the “delete” button.
- System prompts administrator for password.
- The administrator enters the correct password.
- The administrator clicks “Confirm.”
- The administrator receives pop up box - “Photo Deleted”

### 2.2 Alternative Flows

#### 2.2.1 Invalid Password

- The administrator clicks on “Photos”
- The administrator clicks on Photo to delete.
- The administrator clicks on the “delete” button.
- System prompts administrator for password.
- The administrator enters the incorrect password.
- The administrator clicks “Confirm.”
- System prompts administrator with a warning message - “Invalid Password.”
- The administrator re-enters the correct password.
- The administrator clicks “Confirm.”
- The administrator receives pop up box - “Photo Deleted”

## 3. Special Requirements

Is a nonfunctional requirement that isn't necessarily specified completely in the Case Flow, but it needed in order for the desired action.

### 3.1 Must Have Administrator Privileges

Administrators are the only ones that can delete Photos that were posted from an event.

## 4. Pre-conditions

Pre-conditions are what must be true or done for the user to perform the desired action.

### 4.1 The administrator must have access to the Event Photo posting.

CIS Mentoring Program	Version: <1.0>
Use Case Specification: Delete Posted Photos	Date: 3/9/2021

## 5. Post-conditions

Post-conditions are what happens directly after the Flow of Events conclude.

### 5.1 The Photo posted from the event is deleted.

## 6. Extension Points

N/A

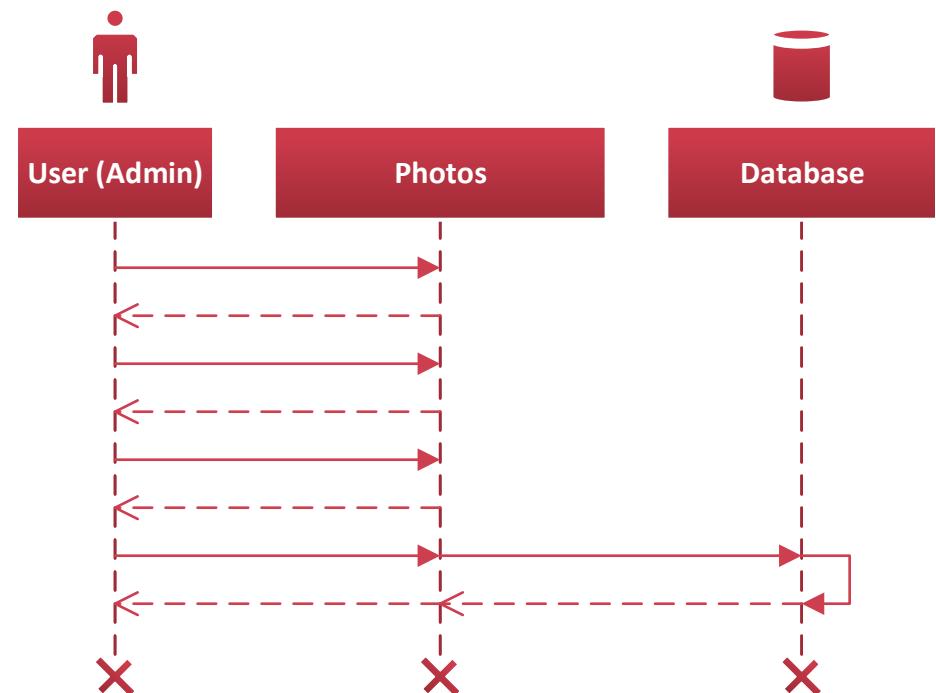
## Use case: Delete Photo

### 2. Flow of Events

The flow of events are the set of steps the user will follow to perform the desired action.

#### 2.1 Basic Flow

- The administrator clicks on “Photos”
- The administrator clicks on Photo to delete.
- The administrator clicks on the “delete” button.
- System prompts administrator for password.
- The administrator enters the correct password.
- The administrator clicks “Confirm.”
- The administrator receives pop up box - “Photo Deleted”



Brute Knights	Version: <1.0>
Use Case Specification: Delete Job Posting	Date: <08/03/21>
<document identifier>	

# Use Case Specification: Delete Job Posting

## 1. Delete Job Posting

### 1.1 Brief Description

Many jobs posted on the website will have to be deleted by either employer users or administrators for various reasons. These reasons include but are not limited to: a position being filled, a position no longer being available, a position has been posted that is irrelevant to the purpose of the website.

## 2. Flow of Events

### 2.1 Basic Flow

User selects job posting board.  
 System serves job board to user.  
 User navigates to specified job listed to be deleted.  
 System serves page for specific job listing.  
 User selects options for job listing.  
 System displays various options.  
 User selects delete job listing.  
 System displays warning/verification (“Are you sure you want to delete this post?”)  
 User verifies deletion.  
 System deletes all records associated with job listing.  
 User is sent back to job board by system.

### 2.2 Alternative Flows

#### 2.2.1 User Changes Mind

User selects job posting board.  
 System serves job board to user.  
 User navigates to specified job listed to be deleted.  
 System serves page for specific job listing.  
 User selects options for job listing.  
 System displays various options.  
 User selects delete job listing.  
 System displays warning/verification (“Are you sure you want to delete this post?”)  
 User denies deletion.  
 User is brought back to specified job listing.

## 3. Special Requirements

N/A

## 4. Pre-conditions

### 4.1 Logged in as Employer Account

The user must be logged in as the employer account that has originally created the job listing to be able to delete it.

### 4.2 Logged in as Administrator

The user must alternatively be logged in as a system administrator to be able to delete a given job listing.

## 5. Post-conditions

### 5.1 Job Listing Deleted

Job listing is deleted from system database.

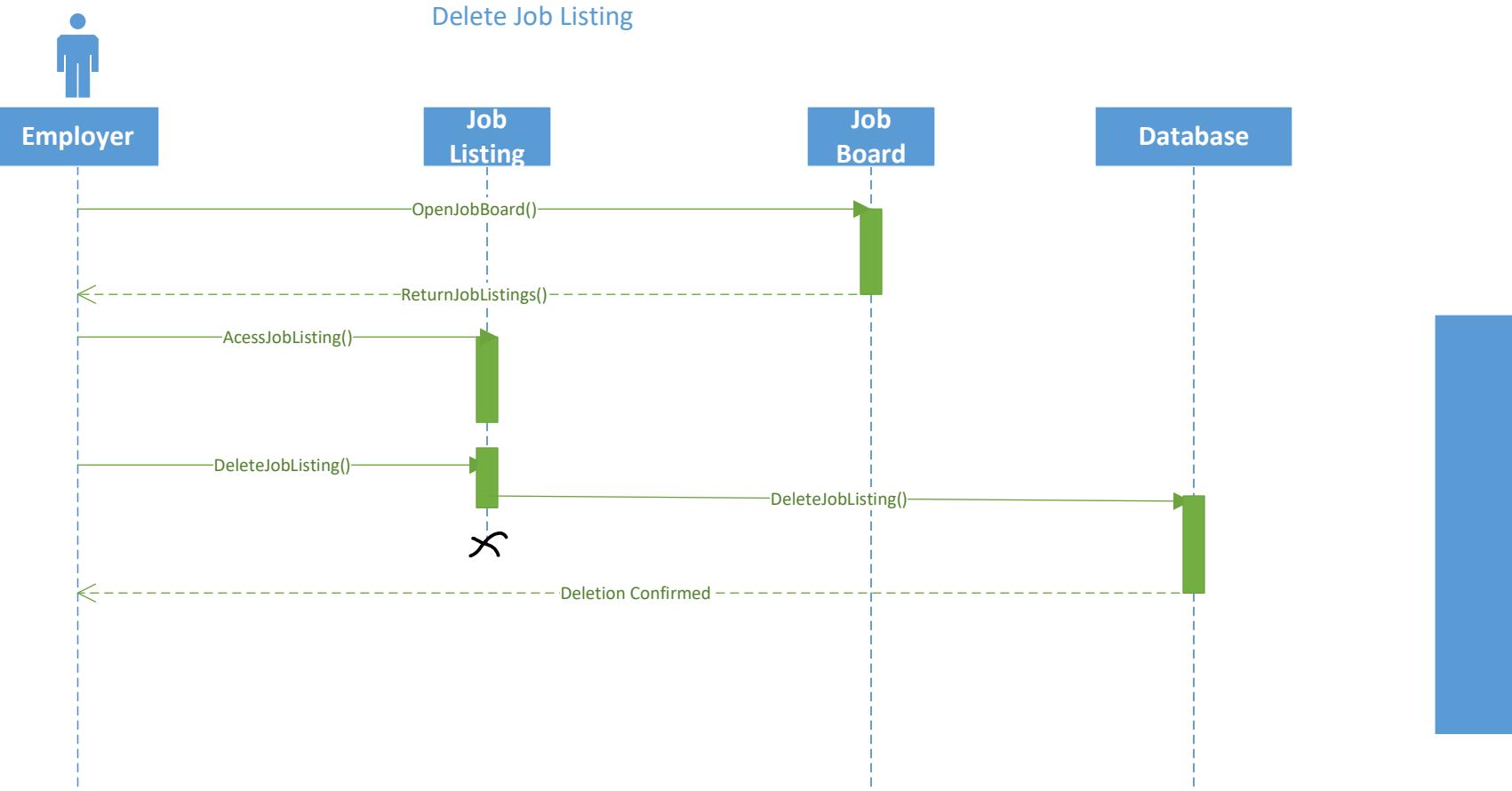
Brute Knights	Version: <1.0>
Use Case Specification: Delete Job Posting	Date: <08/03/21>

## **5.2 Associated Records Deleted**

All associated records, (comments, replies, etc.) with the job listing are deleted from the system database.

## **6. Extension Points**

N/A



**Basic Flow**

User selects job posting board.  
System serves job board to user.  
User navigates to specified job listed to be deleted.  
System serves page for specific job listing.  
User selects options for job listing.  
System displays various options.  
User selects delete job listing.  
System displays warning/verification (“Are you sure you want to delete this post?”)  
User verifies deletion.  
System deletes all records associated with job listing.  
User is sent back to job board by system.

Student Mentoring System	Version: 1.0
Use Case Specification: Delete Industry Mentor	Date: 03/08/2021
<document identifier>	

# Use Case Specification: Delete Industry Mentor

## 1. Edit Student

### 1.1 Brief Description

This use case details the deletion process of an Industry Mentor

## 2. Flow of Events

### 2.1 Basic Flow

- User logs in.
- User selects their profile.
- User is taken to their profile page.
- User clicks on account settings.
- User sees multiple account settings.
- User selects “delete account”..
- System prompts the user for a password.
- User enters the right password.
- System displays a warning message that the account will be deleted
- System asks user to confirm deletion of account.
- User confirms deletion.
- System deletes the Industry Mentor’s account.
- System signs-out user

### 2.2 Alternative Flows

#### 2.2.1 Alternate Flow 1: Wrong Password

- User logs in.
- User selects their profile.
- User is taken to their profile page.
- User clicks on account settings.
- User sees multiple account settings.
- User selects “delete account”..
- System prompts the user for a password.
- User enters the wrong password.
- System displays wrong password prompt for user

## 3. Special Requirements

N/A

### 3.1 < First Special Requirement >

## 4. Pre-conditions

User must be logged in in order to delete their Mentor account

Student Mentoring System	Version: 1.0
Use Case Specification: Delete Industry Mentor	Date: 03/08/2021
<document identifier>	

**4.1 < Pre-condition One >**

**5. Post-conditions**

Industry mentor's account is deleted, along with all data and records from the database.

**5.1 < Post-condition One >**

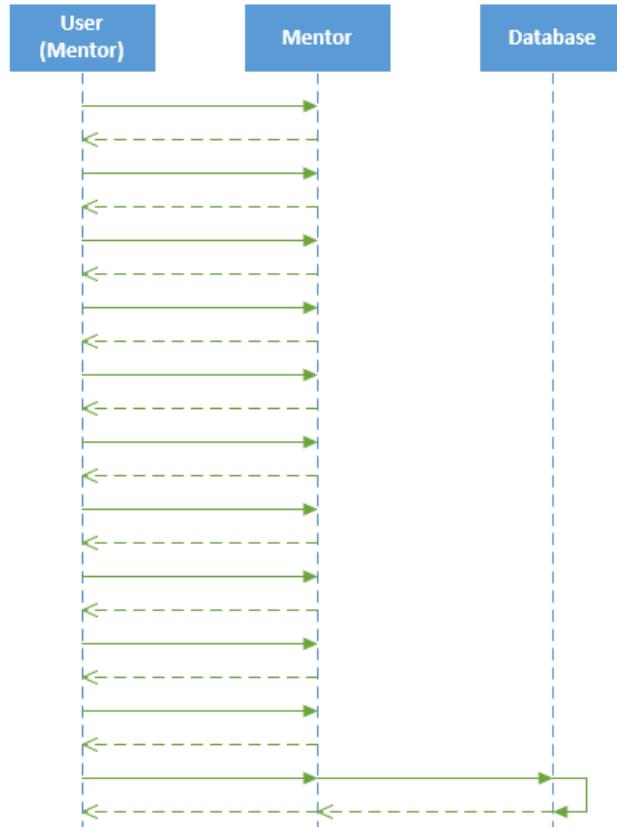
**6. Extension Points**

[Extension points of the use case.]

**6.1 <Name of Extension Point>**

[Definition of the location of the extension point in the flow of events.]

## Delete Industry Mentor



### **Basic Use Case Flow of Delete Industry Mentor**

- The mentor logs in
- The mentor clicks on their profile
- System takes mentor to profile page
- Mentor clicks on “account settings”
- Mentor clicks on “delete account”
- Mentor confirms mentor account
- System prompts mentor for password
- Mentor Enters password
- System prompts warning message
- Mentor confirms
- Mentor’s account is deleted

CIS Mentoring Program	Version: 1.0
Use Case Specification: Delete Event	Date: 03/10/2021

# Use Case Specification: Delete Event

## 1. Delete Event

### 1.1 Brief Description

This use case describes the process that administrators will go through in order to delete an event from the calendar.

## 2. Flow of Events

### 2.1 Basic Flow

- The administrator clicks on the event they want to delete.
- The administrator clicks “Delete Event”.

### 2.2 Alternative Flows

N/A

## 3. Special Requirements

N/A

## 4. Pre-conditions

Pre-conditions are what must be true before the user can perform the desired action.

### 4.1 The administrator has an internet connection.

### 4.2 The administrator has an account with administrator privileges.

### 4.3 The administrator is logged into the site.

### 4.4 There is an event on the calendar.

## 5. Post-conditions

Post-conditions are what happens directly after the Flow of Events concludes.

### 5.1 The event is deleted from the calendar.

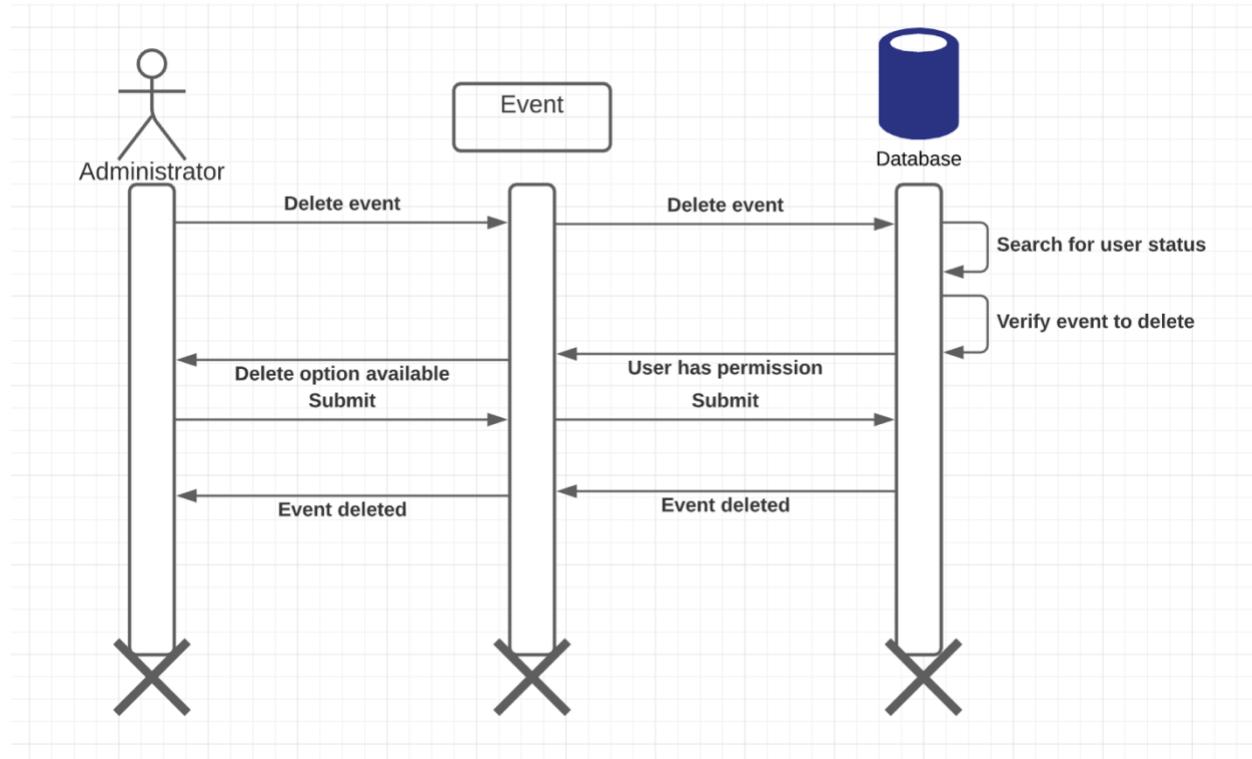
## 6. Extension Points

N/A

## Use Case: Delete Event

### Main Flow:

- The administrator clicks on the event they want to delete.
- The administrator clicks “Delete Event”.



CIS Mentoring Program	Version: <1.0>
Use Case Specification: Delete Employer	Date: 03/10/2021

# Use Case Specification: Delete Employer

## 1. Delete Employer

### 1.1 Brief Description

The system needs to allow employers to delete their accounts.

## 2. Flow of Events

### 2.1 Basic Flow

The employer logs in.  
 The employer selects their profile.  
 The employer clicks on account settings.  
 The employer sees multiple account settings.  
 The employer clicks on “account”.  
 The employer clicks on “delete account”.  
 The system asks to confirm the change.  
 The employer Confirms.  
 The system will remove the employer’s account from the database.

### 2.2 Alternative Flows

#### 2.2.1 Admin deletes employers profile

The admin logs in.  
 The admin selects their admin tools.  
 The admin clicks on the search employers search bar..  
 The admin types in the desired profile name.  
 The admin clicks on “search”.  
 The admin chooses the profile.  
 The system asks to confirm the change.  
 The admin clicks on “edit employer”.  
 The admin clicks on “account”.  
 The admin clicks on “delete account”.  
 The admin Confirms.  
 The system will remove the employer’s account from the database.

## 3. Special Requirements

### 3.1 Must be logged into the profile

## 4. Pre-conditions

### 4.1 Internet connection

User must be connected to the internet in order to delete an account or must have the appropriate administrator permissions to delete an employers account

### 4.2 The user must have the appropriate administrator permissions to delete an employers account

## 5. Post-conditions

### 5.1 Employer profile deleted

## 6. Extension Points

N/A

CIS Mentoring Program	Version: <1.0>
Use Case Specification: <Use-Case Name>	Date: 09/03/21

# Use Case Specification: Delete Post on Discussion Board

## 1. Delete Post on Discussion Board

### 1.1 Brief Description

A user will be able to delete a post that they have previously made on the discussion board, be it an original post or reply/comment on another user's post

## 2. Flow of Events

### 2.1 Basic Flow

- User navigates to discussion board.
- User navigates to their post that has previously been made.
- User clicks delete button.
- System prompts user deletion verification.
- User hits verification button.
- System deletes post.
- System returns user to discussion board page.

### 2.2 Alternative Flows

#### 2.2.1 User Navigates Through Profile

- User navigates to their profile.
- User navigates to post history.
- User navigates to specific post.
- System serves the page for post on discussion board.
- User clicks delete button.
- System prompts user deletion verification.
- User hits verification button.
- System deletes post.
- System returns user to discussion board page.

#### 2.2.2 User Cancels

- User navigates to discussion board.
- User navigates to their post that has previously been made.
- User clicks delete button.
- System prompts user deletion verification.
- User hits cancel button.
- System returns user to their post.

## 3. Special Requirements

### 3.1 User Is Owner of Post

In order to delete the post, the user trying to delete must be the original poster of the post in question.

### 3.2 User has Administrator Privileges

Alternatively, an administrator may delete a post that has been deemed inappropriate or irrelevant to the purpose of the discussion board without being the original poster.

CIS Mentoring Program	Version: <1.0>
Use Case Specification: <Use-Case Name>	Date: 09/03/21

#### **4. Pre-conditions**

##### **4.1 User Must Have Valid Account**

The user must have already made an account that has been approved to make a post.

##### **4.2 User Must be Logged In**

The user must be logged in to their account before accessing the site and posting on the Discussion Board.

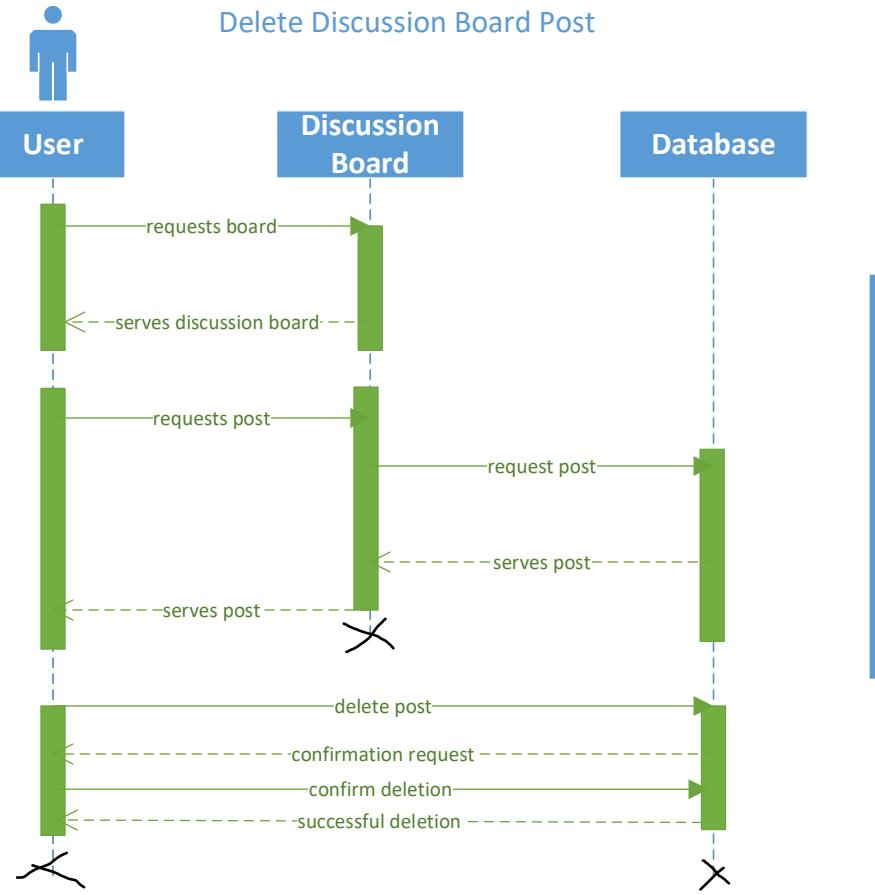
#### **5. Post-conditions**

##### **5.1 Records of Post deleted**

All records associated (including all replies and comments on post )with the post will be deleted from system database.

#### **6. Extension Points**

N/a



#### Basic Flow

User navigates to discussion board.  
User navigates to their post that has previously been made.  
User clicks delete button.  
System prompts user deletion verification.  
User hits verification button.  
System deletes post.  
System returns user to discussion board page.

CIS Mentoring Program	Version: 1.0
Use Case Specification: Delete Announcement	Date: 03/10/2021

# Use Case Specification: Delete Announcement

## 1. Delete Announcement

### 1.1 Brief Description

This use case describes the process that administrators will go through in order to delete an announcement.

## 2. Flow of Events

### 2.1 Basic Flow

- The administrator clicks on the announcement they want to delete.
- The administrator clicks “Delete Event”.
- The administrator clicks “Confirm Deletion”.

### 2.2 Alternative Flows

N/A

## 3. Special Requirements

N/A

## 4. Pre-conditions

Pre-conditions are what must be true before the user can perform the desired action.

### 4.1 The administrator has an internet connection.

### 4.2 The administrator has an account with administrator privileges.

### 4.3 The administrator is logged into the site.

### 4.4 There is an announcement posted.

## 5. Post-conditions

Post-conditions are what happens directly after the Flow of Events concludes.

### 5.1 The announcement is deleted.

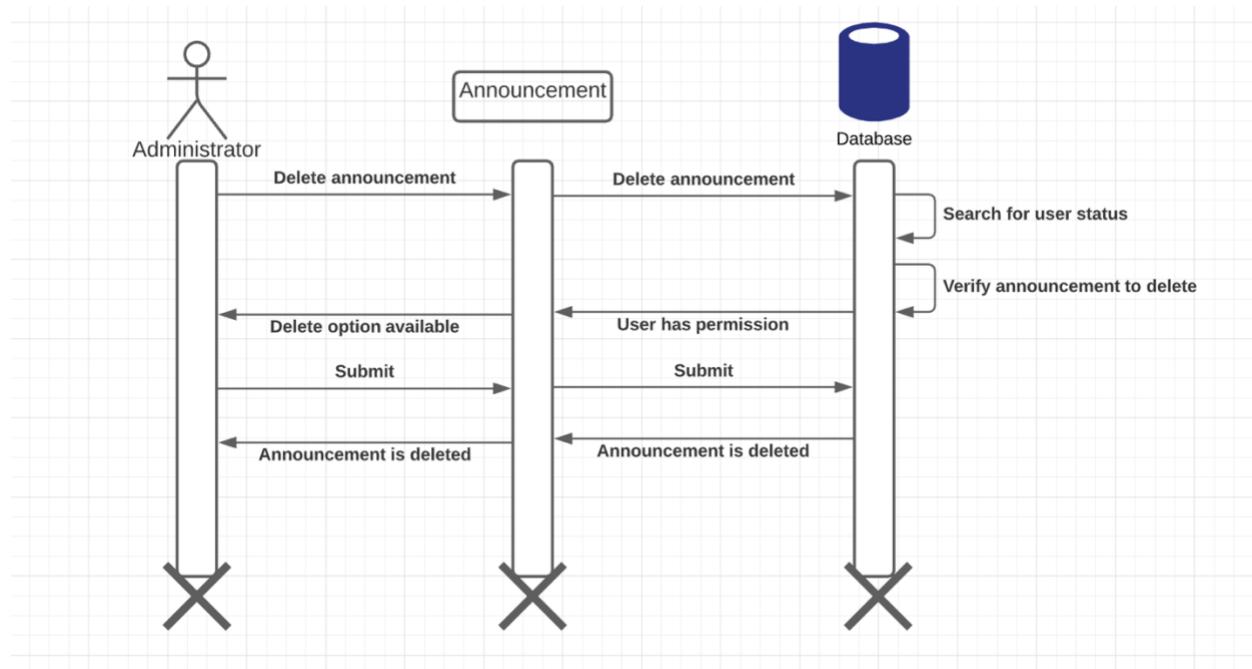
## 6. Extension Points

N/A

## Use Case: Delete Announcement

### Main Flow:

- The administrator clicks on the announcement they want to delete.
- The administrator clicks “Delete Event”.
- The administrator clicks “Confirm Deletion”.



CIS Mentoring Program	Version: <1.0>
Use Case Specification: Delete Alumni Account	Date: 3/9/2021
<document identifier>	

# Use Case Specification: Delete Alumni Account

## 1. Use-Case Name

### 1.1 Brief Description

The following use case explains the process that alumni will go through to delete their accounts once logged in and the process that the administrator will go through to delete alumni accounts.

## 2. Flow of Events

The flow of events are the set of steps the user will follow to perform the desired action.

### 2.1 Basic Flow

- Alumni click on their profile.
- Alumni are taken to their profile page.
- Alumni clicks on “account setting”.
- Alumni clicks on “Delete Account.”
- System prompts the Alumni user for a password.
- The Alumni enters the right password.
- Alumni clicks “Confirm.”
- Systems prompts alumni with a warning message - “Are you sure you want to delete your account?”
- Alumni confirms deletion.
- The alumni receives pop up box - “Account Deleted”

### 2.2 Alternative Flows

#### 2.2.1 Administrator deletes Alumni account

- The administrator clicks on their profile.
- The administrator is taken to their administrative profile page.
- The administrator clicks on “Administrative tools.”
- The administrator is taken to their tools.
- The administrator clicks on “Delete Account.”
- The administrator is taken to the Delete Account page.
- The administrator selects alumni accounts.
- The administrator finds and selects alumni account.
- The system prompts administrator for a password.
- The administrator enters the right password.
- Systems prompts administrator with a warning message - “Are you sure you want to delete this account?”
- Administrator clicks confirm.
- The administrator receives pop up box - “Account Deleted”

## 3. Special Requirements

N/A

CIS Mentoring Program	Version: <1.0>
Use Case Specification: Delete Alumni Account	Date: 3/9/2021
<document identifier>	

#### **4. Pre-conditions**

Pre-conditions are what must be true or done for the user to perform the desired action.

##### **4.1 Alumni must have access to their Account Settings.**

##### **4.2 Administrator must know which alumni to delete.**

#### **5. Post-conditions**

Post-conditions are what happens directly after the Flow of Events conclude.

##### **5.1 Alumni will be logged out.**

##### **5.2 Alumni will be directed to the Login page.**

#### **6. Extension Points**

N/A

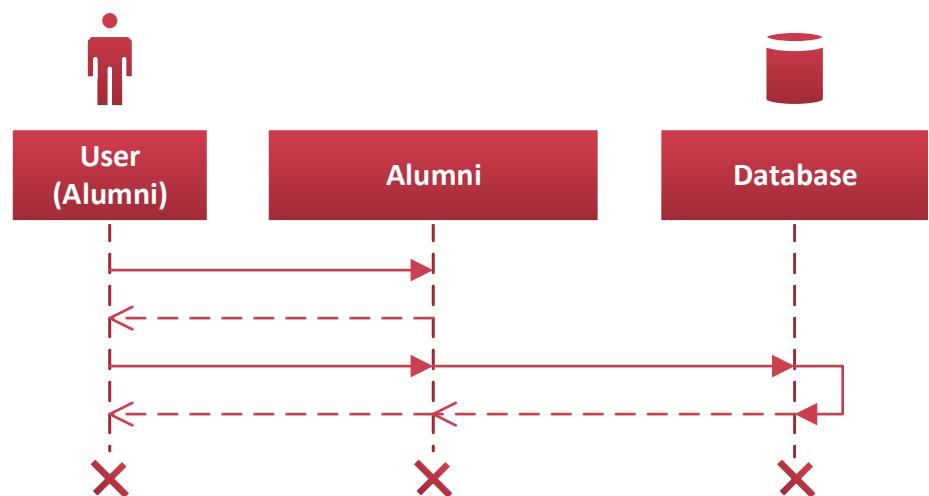
## Use case: Delete Alumni

### 2. Flow of Events

The flow of events are the set of steps the user will follow to perform the desired action.

#### 2.1 Basic Flow

- Alumni click on their profile.
- Alumni are taken to their profile page.
- Alumni clicks on “account setting”.
- Alumni clicks on “Delete Account.”
- System prompts the Alumni user for a password.
- The Alumni enters the right password.
- Alumni clicks “Confirm.”
- Systems prompts alumni with a warning message - “Are you sure you want to delete your account?”
- Alumni confirms deletion.
- The alumni receives pop up box - “Account Deleted”



CIS Mentoring Program	Version: <1.0>
Use Case Specification: Delete Administrator Account	Date: 3/9/2021
<document identifier>	

# Use Case Specification: Delete Administrator Account

## 1. Use-Case Name

### 1.1 Brief Description

The following use case explains the process that administrators will go through to delete administrative accounts.

## 2. Flow of Events

The flow of events are the set of steps the user will follow to perform the desired action.

### 2.1 Basic Flow

- The administrator clicks on their profile.
- The administrator is taken to their administrative profile page.
- The administrator clicks on “Administrative tools.”
- The administrator is taken to their tools.
- The administrator clicks on “Delete Account.”
- The administrator is taken to the Delete Account page.
- The administrator selects “Administrative accounts.”
- System prompts for administrators password.
- The administrator entered the correct password.
- The administrator is taken to administrative accounts.
- The administrator selects specific administrators accounts.
- System prompts for administrators password.
- The administrator enters the correct password.
- Systems prompts administrator with a warning message - “Are you sure you want to delete this account?”
- Administrator clicks confirm.
- The administrator receives pop up box - “Account Deleted”

### 2.2 Alternative Flows

#### 2.2.1 Restricted Access

- The administrator clicks on their profile.
- The administrator is taken to their administrative profile page.
- The administrator clicks on “Administrative tools.”
- The administrator is taken to their tools.
- The administrator clicks on “Delete Account.”
- The administrator is taken to the Delete Account page.
- The administrator can’t select “Administrative accounts.”

## 3. Special Requirements

N/A

CIS Mentoring Program	Version: <1.0>
Use Case Specification: Delete Administrator Account	Date: 3/9/2021

#### **4. Pre-conditions**

Pre-conditions are what must be true or done for the user to perform the desired action.

##### **4.1 Administrator has access to delete administrative accounts.**

#### **5. Post-conditions**

Post-conditions are what happens directly after the Flow of Events conclude.

##### **5.1 Administrator Account is deleted.**

#### **6. Extension Points**

N/A

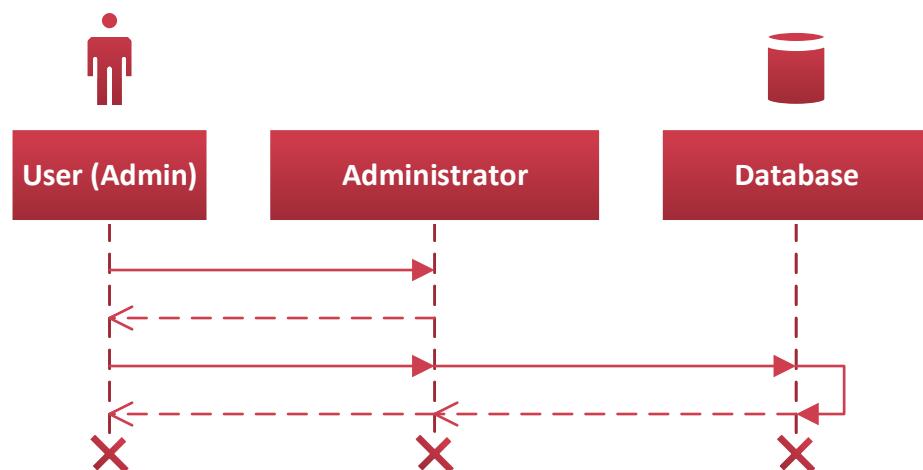
## Use case: Delete Administrator

### 2. Flow of Events

The flow of events are the set of steps the user will follow to perform the desired action.

#### 2.1 Basic Flow

- The administrator clicks on their profile.
- The administrator is taken to their administrative profile page.
- The administrator clicks on “Administrative tools.”
- The administrator is taken to their tools.
- The administrator clicks on “Delete Account.”
- The administrator is taken to the Delete Account page.
- The administrator selects “Administrative accounts.”
- System prompts for administrators password.
- The administrator entered the correct password.
- The administrator is taken to administrative accounts.
- The administrator selects specific administrators accounts.
- System prompts for administrators password.
- The administrator enters the correct password.
- Systems prompts administrator with a warning message - “Are you sure you want to delete this account?”
- Administrator clicks confirm.
- The administrator receives pop up box - “Account Deleted”



CIS Mentoring Program	Version: <1.0>
Use Case Specification: Create Student	Date: 3/9/2021
<document identifier>	

# Use Case Specification: Create Student

## 1. Create Student

### 1.1 Brief Description

The following use case explains the process that students will go through to be able to create an account so that they will either be a mentor, a mentee and view the job postings, events, and discussion board.

## 2. Flow of Events

The flow of events are the set of steps the user will follow to perform the desired action.

### 2.1 Basic Flow

- The student clicks “create an account”.
- The student selects “mentee”.
- The student types in their desired email.
- The student types in their desired password.
- The student chooses their CIS major concentration.

### 2.2 Alternative Flows

#### 2.2.1.1 User logs in as a mentor rather than a student.

- The mentor clicks “create an account”.
- The mentor selects “mentor”.
- The mentor types in their desired email.
- The mentor types in their desired password.
- The mentor types in their degree, certifications, and credentials.
- The mentor types in their desired contact information for mentees.

## 3. Special Requirements

### 3.1 < First Special Requirement >

## 4. Pre-conditions

User must be connected to the internet in order to create an account

### 4.1 < Pre-condition One >

## 5. Post-conditions

A student account has been created

### 5.1 < Post-condition One >

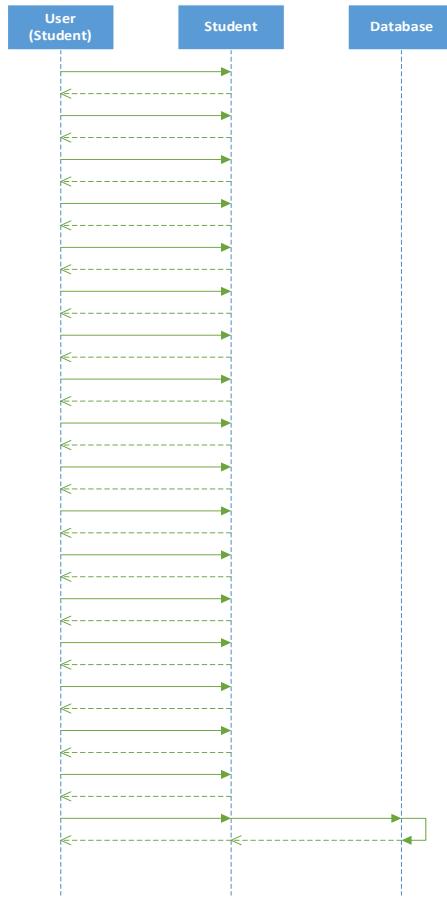
## 6. Extension Points

[Extension points of the use case.]

### 6.1 <Name of Extension Point>

[Definition of the location of the extension point in the flow of events.]

## Create Student



### Basic Use Case Flow of Create Student

- The student clicks “create an account”.
- The student chooses “mentee”.
- The student enters “first name”
- The student enters “last name”
- The student enters “date of birth”
- The student enters “gender”
- The student enters “country of origin”
- The student enters “graduating year”
- The student enters their “email”
- The student enters their “password”
- The student enters their “phone number”
- The student chooses their “CIS major concentration”.
- The student enters their “Minor(s)”
- The student enters their “Classes taken”
- The student enters their “City”
- The student enters their “State”
- The student confirms
- The student is taken to log in page

CIS Mentoring System	Version: 1.0
Use Case Specification: Create Job Posting	Date: 3/9/2021
<document identifier>	

# Use Case Specification: Create Job Posting

## 1. Use-Case Name

### 1.1 Brief Description

The following use case explains the process that system administrators will go through in order to create job postings for students

## 2. Flow of Events

The flow of events are the set of steps the admin will follow to perform the desired action.

### 2.1 Basic Flow

- The admin clicks “Create Job Posting”.
- The admin types the name of the job
- The admin types the contact information of the job
- The admin types the description of the job
- The admin types the website of the job
- The admin types the requirements of the job

### 2.2 Alternative Flows

#### 2.2.1 Employer creates a job posting rather than an administrator

- The employer clicks “Create Job Posting”.
- The employer types the name of the job
- The employer types the contact information of the job
- The employer types the description of the job
- The employer types the website of the job
- The employer types the requirements of the job

## 3. Special Requirements

### 3.1 < First Special Requirement >

## 4. Pre-conditions

N/A

### 4.1 < Pre-condition One >

## 5. Post-conditions

A job posting is created for the website

### 5.1 < Post-condition One >

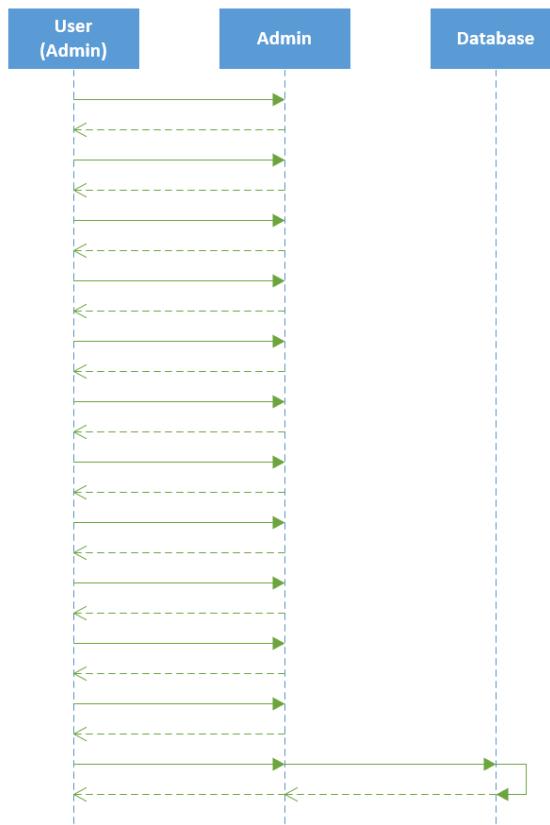
## 6. Extension Points

[Extension points of the use case.]

### 6.1 <Name of Extension Point>

[Definition of the location of the extension point in the flow of events.]

## Create Job Posting



### **Basic Use Case Flow of Create Job Posting**

- The admin logs in
- The admin clicks on “Job Posting tab”
- The admin clicks “Job Posting settings”
- The admin clicks “Create Post”
- The admin enters “First Name”
- The admin enters “Last Name”
- The admin enters “Description”
- The admin enters “Current Company”
- The admin enters “Job Title”
- The admin enters “Email”
- The admin enters “Phone Number”
- The admin clicks submit post
- The Job posting is submitted

CIS Mentoring System	Version: 1.0
Use Case Specification: Create Industry Mentor	Date: 3/9/2021
<document identifier>	

# Use Case Specification: Create Industry Mentor

## 1. Use-Case Name

### 1.1 Brief Description

The following use case explains the process that students will go through to be able to create an account so that they will either be a mentor, a mentee and view the job postings, events, and discussion board.

## 2. Flow of Events

The flow of events are the set of steps the user will follow to perform the desired action.

### 2.1 Basic Flow

- The mentor clicks “create an account”.
- The mentor selects “mentor”.
- The mentor types in their desired email.
- The mentor types in their desired password.
- The mentor types in their degree, certifications, and credentials.
- The mentor types in their desired contact information for mentees.

### 2.2 Alternative Flows

#### 2.2.1.1 User creates a student account rather than a mentor.

- The student clicks “create an account”.
- The student selects “mentee”.
- The student types in their desired email.
- The student types in their desired password.
- The student chooses their CIS major concentration.

## 3. Special Requirements

### 3.1 < First Special Requirement >

## 4. Pre-conditions

User must be connected to the internet before creating any accounts

### 4.1 < Pre-condition One >

## 5. Post-conditions

An industry mentor account has been created, and the user is now able to make discussion board posts

### 5.1 < Post-condition One >

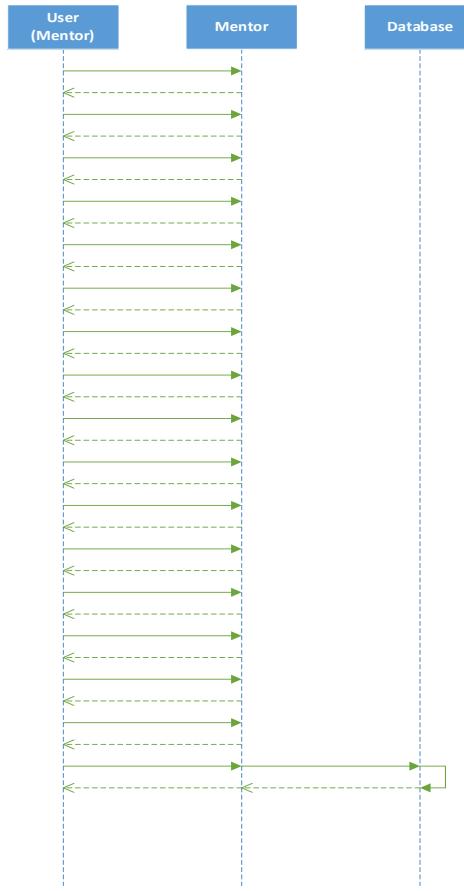
## 6. Extension Points

[Extension points of the use case.]

### 6.1 <Name of Extension Point>

[Definition of the location of the extension point in the flow of events.]

## Create Industry Mentor



### Basic Use Case Flow of Create Industry Mentor

- The mentor clicks “create an account”.
- The mentor chooses “mentor”.
- The mentor enters “first name”
- The mentor enters “last name”
- The mentor enters their “gender”.
- The mentor enters “current company”
- The mentor enters “current job title”
- The mentor enters “former companies”
- The mentor enters “UofL degree”
- The mentor enters “concentration”
- The mentor enters “former job titles”
- The mentor enters their “current city”.
- The mentor enters their “current state”.
- The mentor enters their “email”
- The mentor enters their “password”
- The mentor enters their “phone number”
- The mentor is taken to log in page

CIS Mentoring Program	Version: 1.0
Use Case Specification: Create Event	Date: 03/02/2021

# Use Case Specification: Create Event

## 1. Create Event

### 1.1 Brief Description

This use case describes the process that administrators will go through in order to create an event and have it show up on the calendar on the website. These events will be visible to all users of the system.

## 2. Flow of Events

The Flow of Events is the set of steps the user will follow to perform the desired action.

### 2.1 Basic Flow

- The administrator clicks “Create Event”.
- The administrator types in the date of the event.
- The administrator types in the time of the event.
- The administrator types in the name of the event.
- The administrator types in a description of the event.
- The administrator clicks “Add to Calendar”.

### 2.2 Alternative Flows

#### 2.2.1 Administrator Attaches Flyer Image to Event

- The administrator clicks “Create Event”.
- The administrator types in the date of the event.
- The administrator types in the time of the event.
- The administrator types in the name of the event.
- The administrator types in a description of the event.
- The administrator attaches an image in the event description.
- The administrator clicks “Add to Calendar”.

## 3. Special Requirements

N/A

## 4. Pre-conditions

Pre-conditions are what must be true before the user can perform the desired action.

### 4.1 The administrator has an internet connection.

### 4.2 The administrator has an account with administrator privileges.

### 4.3 The administrator is logged into the site.

## 5. Post-conditions

Post-conditions are what happens directly after the Flow of Events concludes.

### 5.1 The event is added to the calendar.

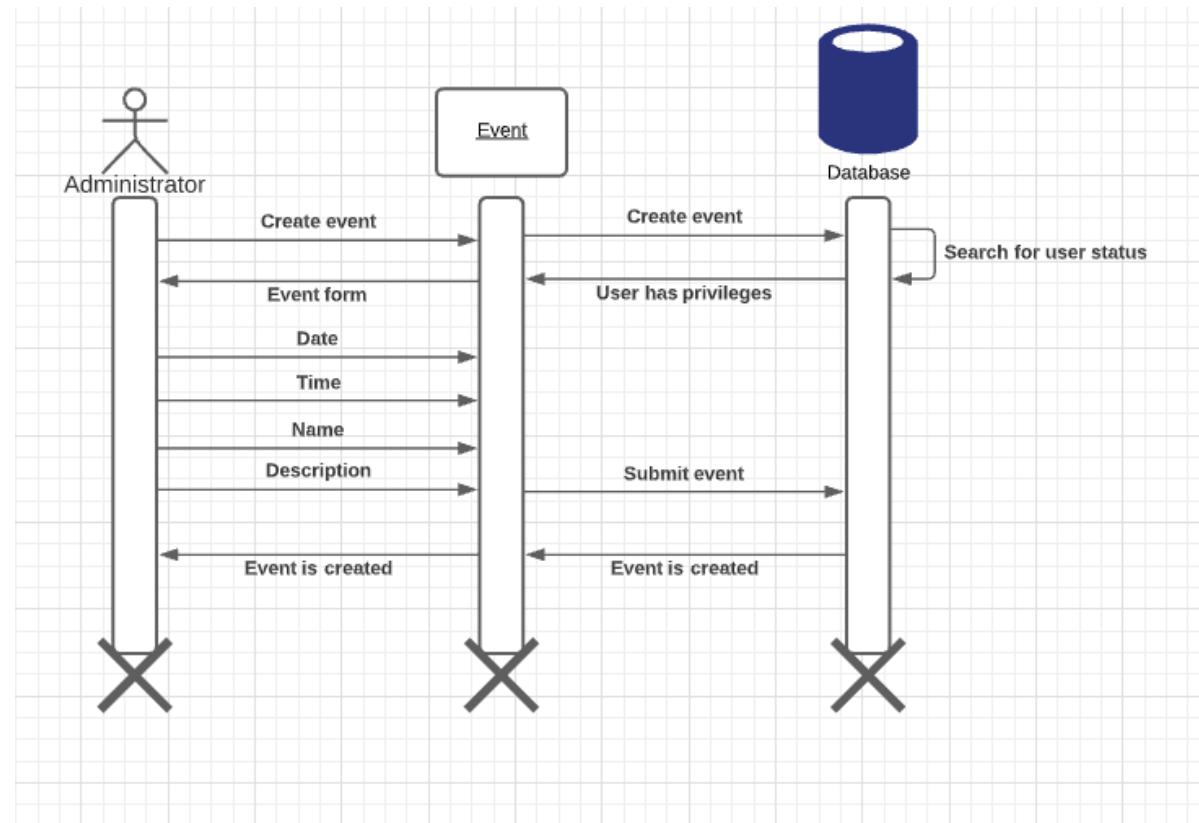
## 6. Extension Points

N/A

## Use Case: Create Event

### Main Flow:

- The administrator clicks “Create Event”.
- The administrator types in the date of the event.
- The administrator types in the time of the event.
- The administrator types in the name of the event.
- The administrator types in a description of the event.
- The administrator clicks “Add to Calendar”.



CIS Mentoring Program	Version: <1.0>
Use Case Specification: Create Employer	Date: 03/10/2021

# Use Case Specification: Create Employer

## 1. Create Employer

### 1.1 Brief Description

The system needs to allow employers to create an account so they can post jobs.

## 2. Flow of Events

### 2.1 Basic Flow

The employer clicks “create an account”.  
The employer selects “employee”.  
The employer types in their desired email.  
The employer types in their desired password.  
The employer clicks “Create account”  
Employer account now created.

### 2.2 Alternative Flows

#### 2.2.1 Password Invalid

The employer clicks “create an account”.  
The employer selects “employee”.  
The employer types in their desired email.  
The employer types in their desired password.  
System prompts “Invalid Password - Try again.”  
The employer types in a new desired password.  
The employer clicks “Create account”.  
Employer account now created.

## 3. Special Requirements

### 3.1 Must-Have Administrator Privileges

## 4. Pre-conditions

### 4.1 Internet connection

User must be connected to the internet in order to create an account

## 5. Post-conditions

### 5.1 Employer account created

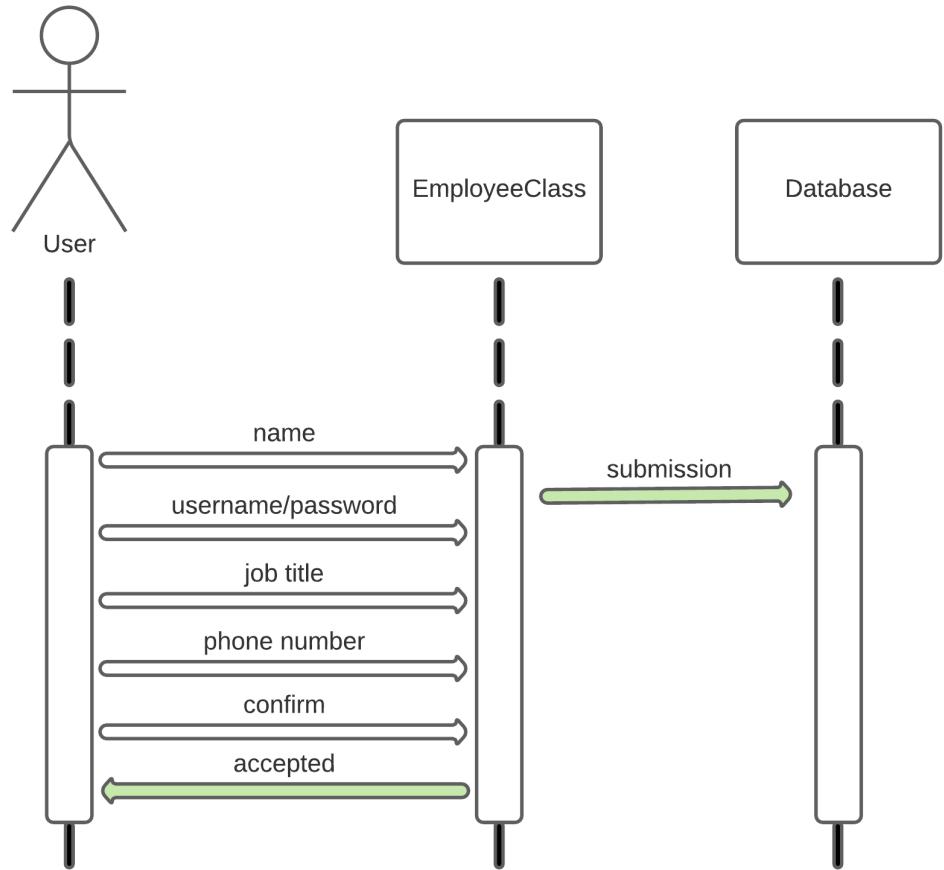
## 6. Extension Points

N/A

## Use case: Create Employer

### Main Flow:

- The employer clicks “create an account”.
- The employer selects “employee”.
- The employer types in their desired email.
- The employer types in their desired password.
- The employer clicks “Create account”
- Employer account now created.



CIS Mentoring Program	Version: <1.0>
Use Case Specification: Create Alumni Accounts	Date: 3/9/2021
<document identifier>	

# Use Case Specification: Create Alumni Account

## 1. Use-Case Name

### 1.1 Brief Description

The following use case explains the process that alumni will go through to be able to create an account so that they access the platform, mentor students, create and view job postings, events and discussion boards.

## 2. Flow of Events

*The flow of events are the set of steps the user will follow to perform the desired action.*

### 2.1 Basic Flow

- The alumni clicks “create an account.”
- The alumni selects “Alumni” or Mentor”
- The alumni types in their First Name
- The alumni types in their Last Name.
- The alumni selects their Date of Birth.
- The alumni selects their Gender.
- The alumni selects their Country of Origin.
- The alumni selects their Graduated Year.
- The alumni types in their Email.
- The alumni selects their CIS Concentration
- The alumni selects their Major.
- The alumni selects CIS Classes taken.
- The alumni types in their Current Company.
- The alumni types in their Current Job Title.
- The alumni types in their Former Companies.
- The alumni types in their Former Job Title.
- The alumni selects their current city.
- The alumni selects their current state.
- The alumni creates a new password.
- The alumni clicks “Create Account”.

### 2.2 Alternative Flows

#### 2.2.1 Alumni didn't submit valid information into <field>

- The alumni clicks “create an account.”
- The alumni selects “Alumni” or Mentor”
- The alumni types in their First Name
- The alumni types in their Last Name.
- The alumni selects their Date of Birth.
- The alumni selects their Gender.
- The alumni selects their Country of Origin.
- The alumni selects their Graduated Year.
- The alumni types in their Email.
- The alumni selects their CIS Concentration
- The alumni selects their Major.
- The alumni selects CIS Classes taken.
- The alumni types in their Current Company.
- The alumni types in their Current Job Title.
- The alumni types in their Former Companies.
- The alumni types in their Former Job Title.

CIS Mentoring Program	Version: <1.0>
Use Case Specification: Create Alumni Accounts	Date: 3/9/2021
<document identifier>	

- The alumni selects their current city.
- The alumni selects their current state.
- The alumni creates a new password.
- The alumni clicks “Create Account”.
- The alumni receives pop up error box “<Field> invalid”

### **3. Special Requirements**

N/A

### **4. Pre-conditions**

*Pre-conditions are what must be true or done for the user to perform the desired action.*

#### **4.1 The user must be on the platforms home page.**

### **5. Post-conditions**

*Post-conditions are what happens directly after the Flow of Events conclude.*

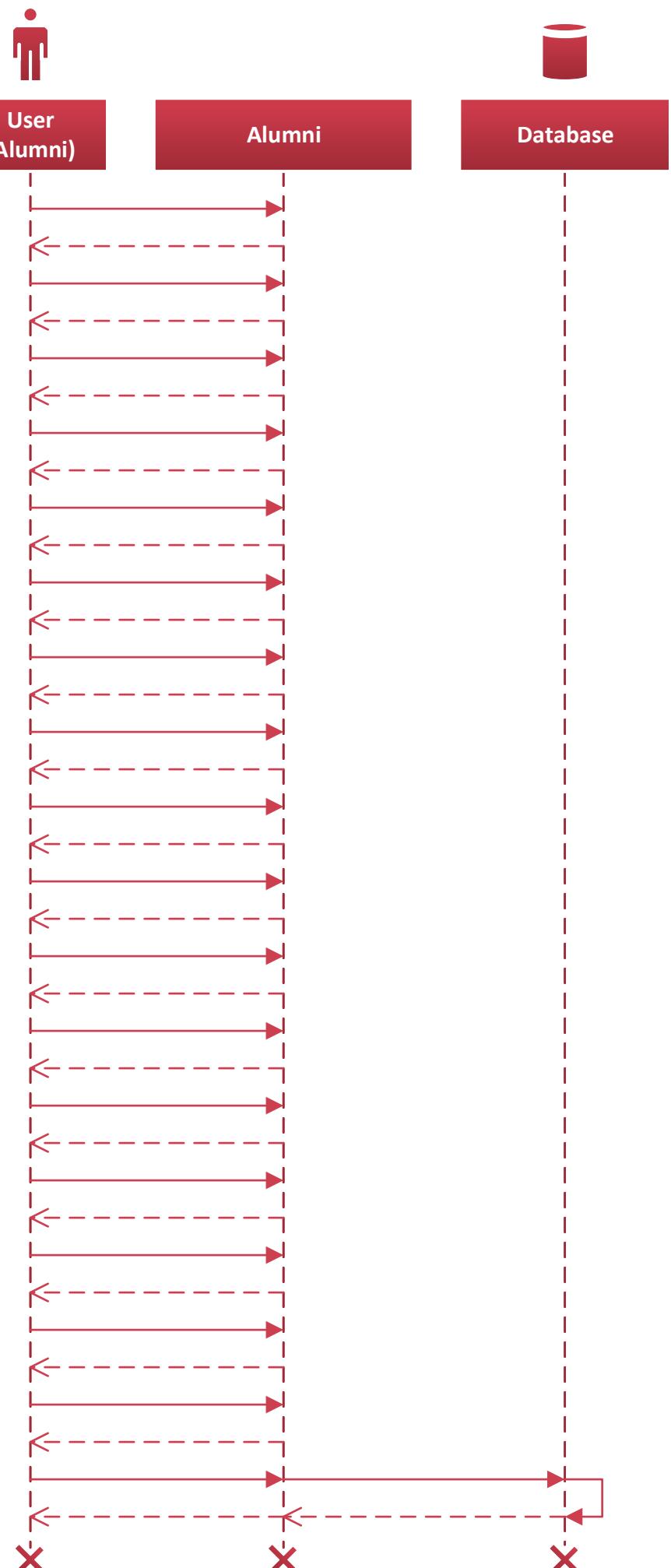
#### **5.1 The alumni will receive email verification.**

#### **5.2 The alumni will be logged into the platform.**

### **6. Extension Points**

N/A

## Use case: Create and Edit Alumni



## 2. Flow of Events

The flow of events are the set of steps the user will follow to perform the desired action.

### 2.1 Basic Flow

- The alumni clicks “create an account.”
- The alumni selects “Alumni” or Mentor”
- The alumni types in their First Name
- The alumni types in their Last Name.
- The alumni selects their Date of Birth.
- The alumni selects their Gender.
- The alumni selects their Country of Origin.
- The alumni selects their Graduated Year.
- The alumni types in their Email.
- The alumni selects their CIS Concentration
- The alumni selects their Major.
- The alumni selects CIS Classes taken.
- The alumni types in their Current Company.
- The alumni types in their Current Job Title.
- The alumni types in their Former Companies.
- The alumni types in their Former Job Title.
- The alumni selects their current city.
- The alumni selects their current state.
- The alumni creates a new password.
- The alumni clicks “Create Account”.

## 2. Flow of Events

The flow of events are the set of steps the user will follow to perform the desired action.

### 2.1 Basic Flow

- Alumni click on their profile.
- Alumni are taken to their profile page.
- Alumni clicks on “account setting”.
- Alumni clicks on “Edit alumni profile.”
- *Various options are shown to the alumni user.*
- Alumni edit their information.
- Alumni clicks “Confirm.”
- System prompts alumni to enter password.
- Alumni enters password.
- The alumni receives a pop up box - “Account settings saved.”

CIS Mentoring Program	Version: <1.0>
Use Case Specification: Create Administrator Account	Date: 3/9/2021
<document identifier>	

# Use Case Specification: Create Administrator Account

## 1. Use-Case Name

### 1.1 Brief Description

The following use case explains the process that Administrators will go through to be able to create an account so that they access and manage the platform.

## 2. Flow of Events

### 2.1 Basic Flow

- An administrator on the system already will click on their profile.
- The administrator is taken to their administrative profile page.
- The administrator clicks on “Administrative tools.”
- The administrator is taken to their tools.
- The administrator clicks on “Create New Administrator Account”
- The administrator is taken to the Create New Administrator Account page.
- The administrator will enter the new Administrators First Name.
- The administrator will enter the new Administrators Last Name.
- The administrator will enter the classes the new Administrator Teaches.
- The administrator will allow the new administrator to enter a new password.
- The administrator will click “Create Account.”
- System prompts “Administrator Account Created.”

### 2.2 Alternative Flows

#### 2.2.1 Password Invalid

- An administrator on the system already will click on their profile.
- The administrator is taken to their administrative profile page.
- The administrator clicks on “Administrative tools.”
- The administrator is taken to their tools.
- The administrator clicks on “Create New Administrator Account”
- The administrator is taken to the Create New Administrator Account page.
- The administrator will enter the new Administrators First Name.
- The administrator will enter the new Administrators Last Name.
- The administrator will enter the classes the new Administrator Teaches.
- The administrator will allow the new administrator to enter a new password.
- The administrator will click “Create Account.”
- System prompts “Invalid Password - Try again.”
- The new Administrator enters a new password.
- The administrator will click “Create Account.”
- System prompts “Administrator Account Created.”

## 3. Special Requirements

N/A

CIS Mentoring Program	Version: <1.0>
Use Case Specification: Create Administrator Account	Date: 3/9/2021

#### **4. Pre-conditions**

Pre-conditions are what must be true or done for the user to perform the desired action.

##### **4.1 The new administrator is with the current Administrator**

#### **5. Post-conditions**

Post-conditions are what happens directly after the Flow of Events conclude.

##### **5.1 The new administrator account is created.**

#### **6. Extension Points**

N/A

## Use case: Create and Edit Administrator

### 2. Flow of Events

#### 2.1 Basic Flow

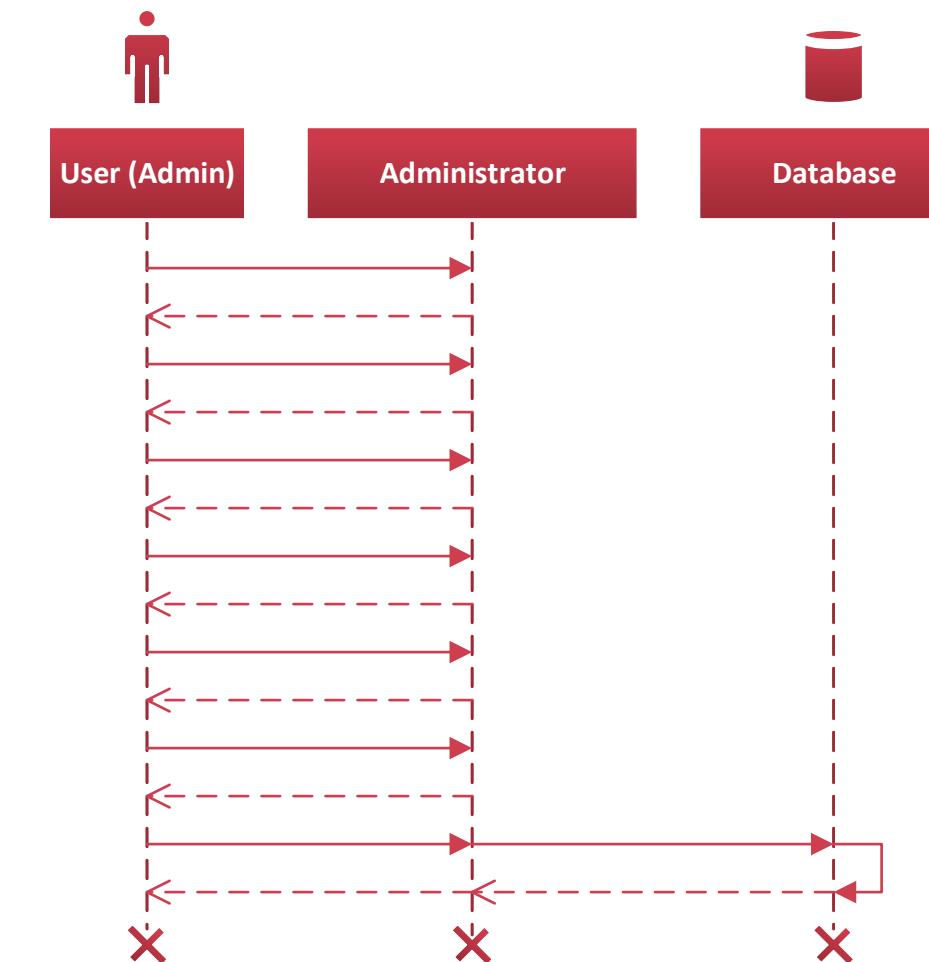
- An administrator on the system already will click on their profile.
- The administrator is taken to their administrative profile page.
- The administrator clicks on “Administrative tools.”
- The administrator is taken to their tools.
- The administrator clicks on “Create New Administrator Account”
- The administrator is taken to the Create New Administrator Account page.
- The administrator will enter the new Administrators First Name.
- The administrator will enter the new Administrators Last Name.
- The administrator will enter the classes the new Administrator Teaches.
- The administrator will allow the new administrator to enter a new password.
- The administrator will click “Create Account.”
- System prompts “Administrator Account Created.”

### 2. Flow of Events

The flow of events are the set of steps the user will follow to perform the desired action.

#### 2.1 Basic Flow

- Administrator click on their profile.
- Administrator are taken to their profile page.
- Administrator clicks on “account setting”.
- Administrator clicks on “Edit Administrator profile.”
- Various options are shown to the Administrator.
- Administrator edit their information.
- Administrator clicks “Confirm.”
- System prompts administrator to enter password.
- Administrator enters password.
- The administrator receives a pop up box - “Account settings saved.”



CIS Mentoring Program	Version: <1.0>
Use Case Specification: System Back Up	Date: 09/03/21

# Use Case Specification: System Back Up

## 1.1 Brief Description

The system will allow for administrators to schedule recurring backups of the system

## 2. Flow of Events

### 2.1 Basic Flow

Administrator opens administrator tools  
 Admin selects schedule system back up  
 Back up form is served to admin by system  
 Admin selects recurrence period of back up  
 Admin selects day of back up  
 Admin selects time of day to schedule back up  
 Admin selects save changes

### 2.2 Alternative Flows

#### 2.2.1 *Admin Cancels*

Administrator opens administrator tools  
 Admin selects schedule system back up  
 Back up form is served to admin by system  
 Admin selects cancel.  
 System returns admin to admin tools

## 3. Special Requirements

### 3.1 Must Have Administrator Privileges

The user sending the email blast must have administrator privileges. No option to send email blast will be given to non admins.

## 4. Pre-conditions

### 4.1 User Must Have Valid Account

The user must have already made an account that has been approved to make a post.

### 4.2 User Must be Logged In

The user must be logged in to their account before accessing the site and posting on the Discussion Board.

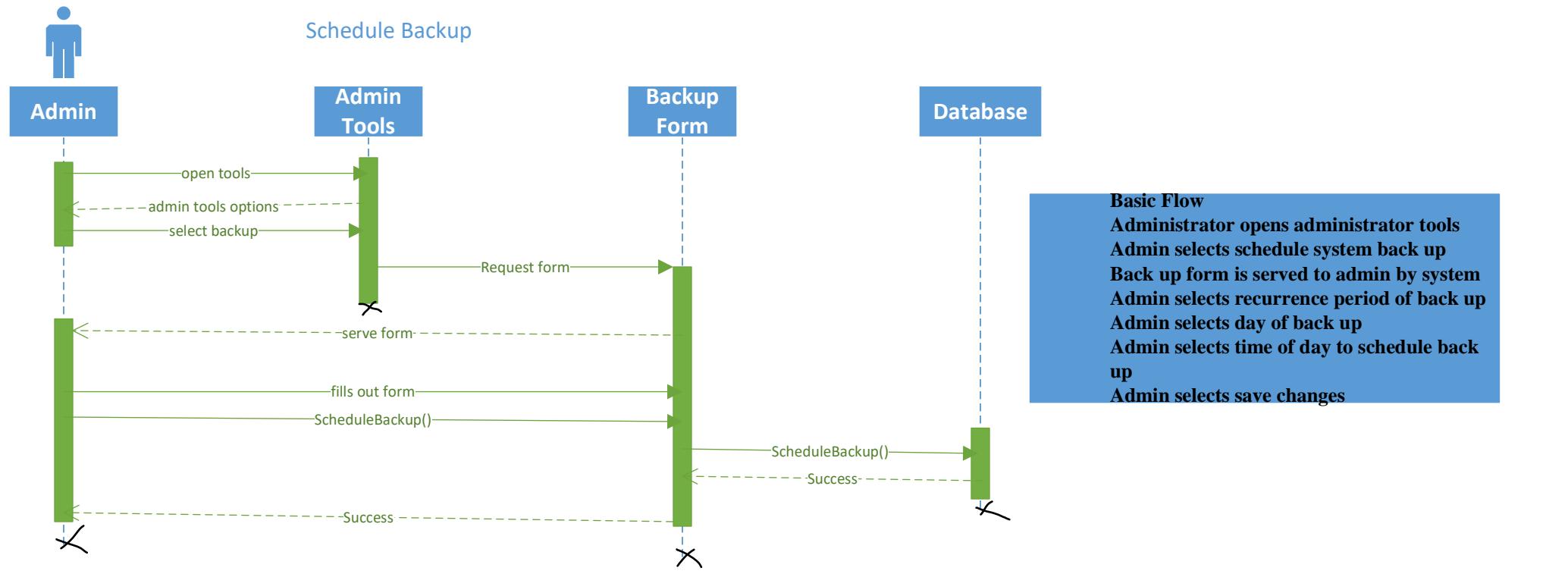
## 5. Post-conditions

### 5.1 System Back Up Is Scheduled

A back up of all information recorded in system database is created

## 6. Extension Points

N/A



CIS Mentoring Program	Version: 1.0
Use Case Specification: Allow User to Log In	Date: 03/02/2021

# Use Case Specification: Allow User to Log In

## 1. Allow User to Log In

### 1.1 Brief Description

This use case describes the process that the users will go through to log into the system from the homepage using their username and password. Users will also be able to select an option if they forget their username or password. This is how each user will have to access the system because it will be limited to the appropriate students, alumni, teachers and employers.

## 2. Flow of Events

### 2.1 Basic Flow

- The user inputs their username.
- The user inputs their password.
- The user clicks “Submit”.

### 2.2 Alternative Flows

#### 2.2.1 User Forgets Username

- The user clicks “Forgot username”.
- The user enters their email.
- The user clicks “Submit”.
- The user receives an email with their username.
- The user returns to the sign-in page.
- The user enters their username.
- The user enters their password.
- The user clicks “Submit”.

#### 2.2.2 User Forgets Password

- The user clicks “Forgot password”.
- The user enters their email.
- The user clicks “Submit”
- The user receives an email to reset their password.
- The user resets their password.
- The user returns to the sign-in page.
- The user enters their username.
- The user enters their password.
- The user clicks “Submit”.

## 3. Special Requirements

N/A

## 4. Pre-conditions

Pre-conditions are what must be true before the system can perform the desire action.

CIS Mentoring Program	Version: 1.0
Use Case Specification: Allow User to Log In	Date: 03/02/2021

**4.1 The user has an internet connection.**

**4.2 The user has created an account.**

**4.3 The user's account has been approved.**

## **5. Post-conditions**

Post-conditions are what happens directly after the Flow of Events concludes.

**5.1 The user is logged in.**

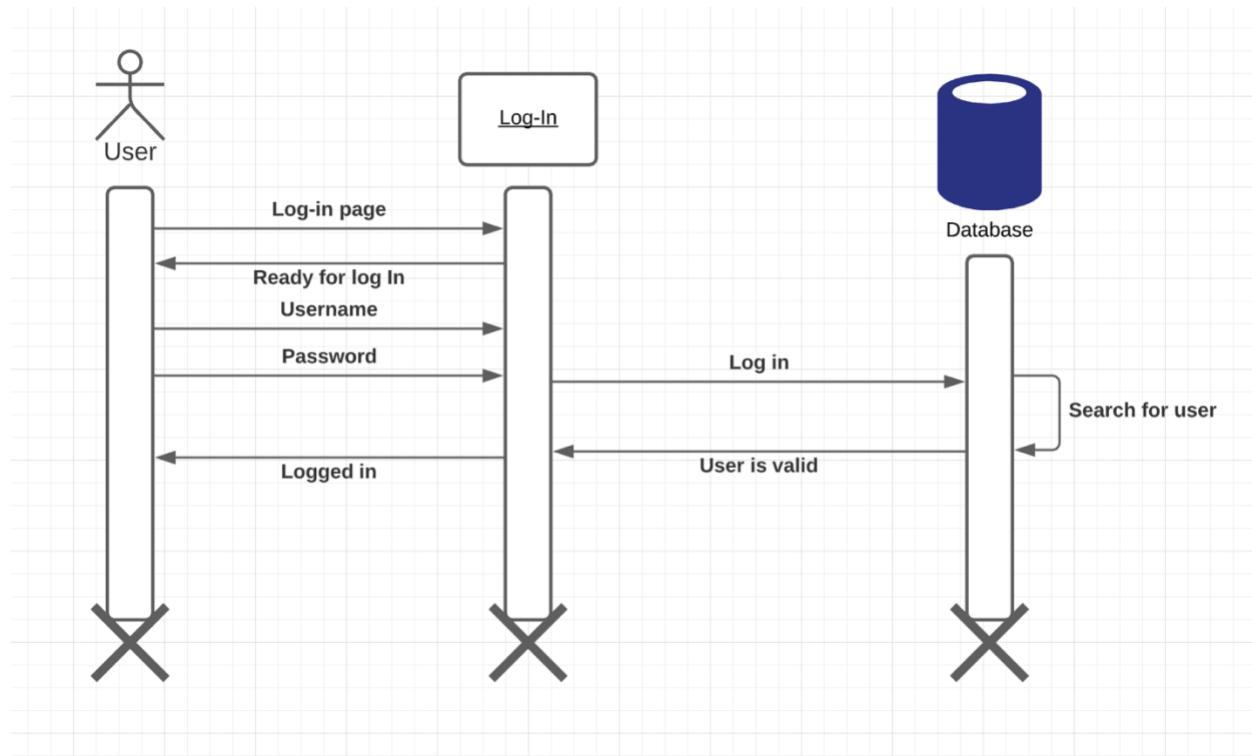
## **6. Extension Points**

N/A

## Use Case: Allow Users to Log-In

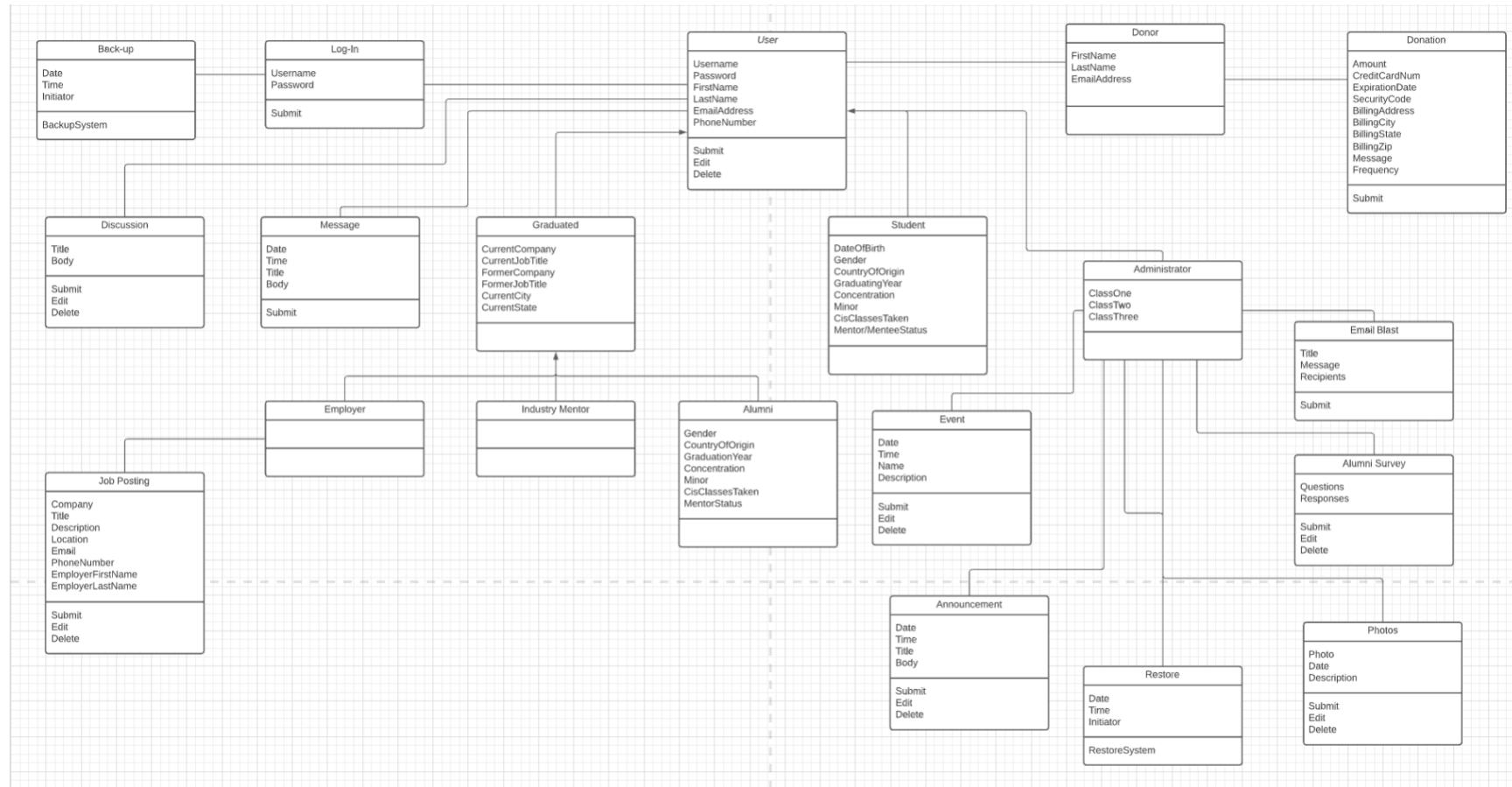
### Main Flow:

- The user inputs their username.
- The user inputs their password.
- The user clicks “Submit”.



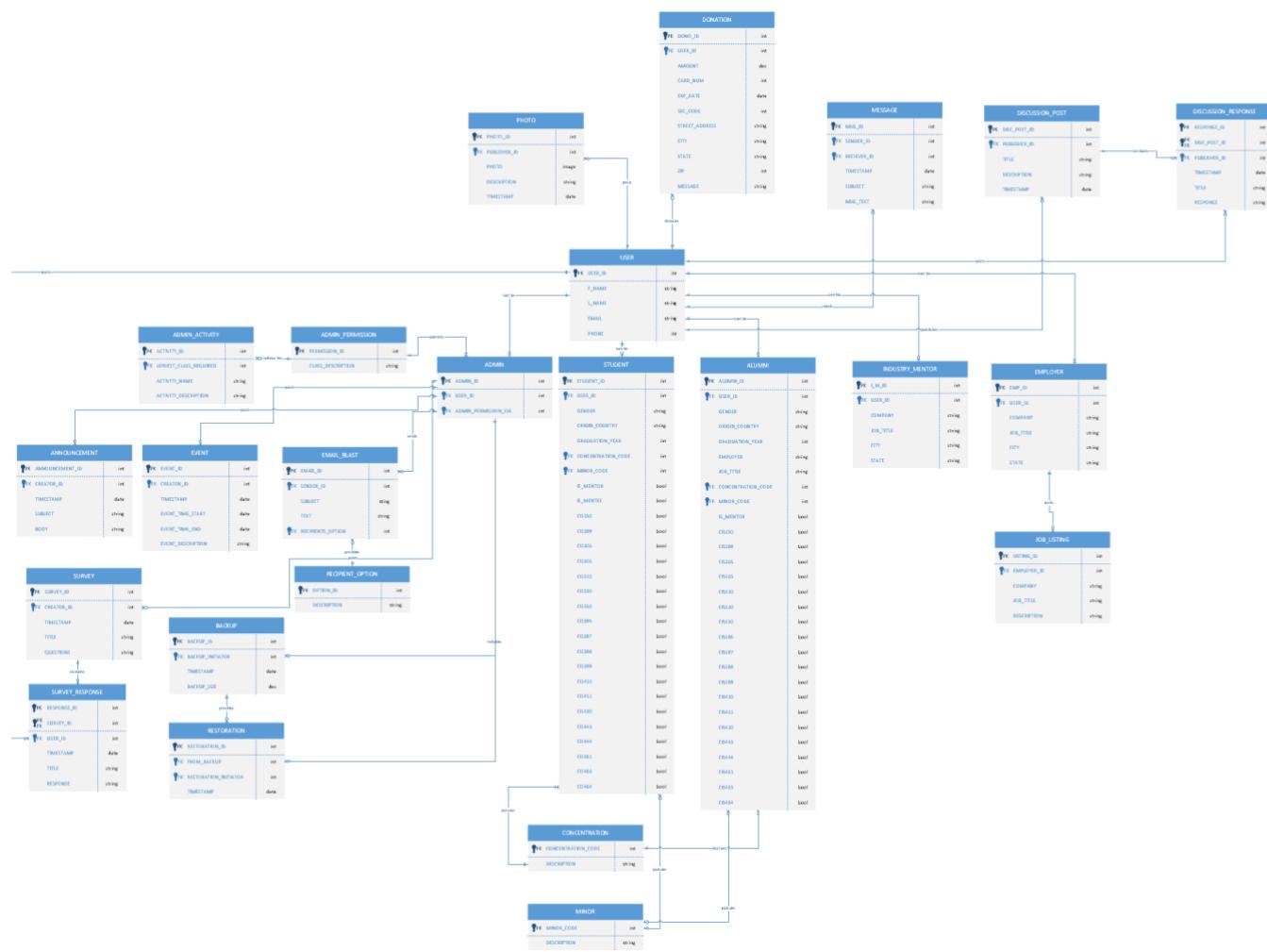
## Class Diagram

A class diagram is a group of tables that depicts the various classes of the system. Each class starts with the class names and includes attributes and methods. Attributes are pieces of data that the system needs for that class. Methods are actions that users can perform within that class. This diagram was created using verb-noun analysis. Nouns listed in the main flow were included as attributes and verbs in the main flow were included as methods.



## ERD

An Entity Relationship Diagram (ERD) depicts the structure of a database and the relationships between entities in the database. A database is simply a collection of two-dimensional files called tables. All tables describe a single entity that needs data describing it stored in the database. These tables are two dimensional in that columns represent types of data that can be stored that describe a specific entity, and rows describe specific examples of a kind of entity, much like a spreadsheet in excel. The ERD shows all of the entities to be stored in the database, and how they relate to each other.



## DATA DEFINITION TABLES

### PHOTO

attribute name	data type	size	primary key	foreign key	description
PHOTO_ID	INT	2 BYTES	YES	NO	primary key for every photo stored on DB
PUBLISHER_ID	INT	2 BYTES	YES	YES	user ID of original poster
PHOTO	IMAGE	3 MB	NO	NO	image data
DESCRIPTION	STRING	255 CHAR	NO	NO	description of image
TIMESTAMP	DATE	3 BYTES	NO	NO	time of post

### DONATION

attribute name	data type	size	primary key	foreign key	description
DONO_ID	INT	2 BYTES	YES	NO	unique identifier of each dono
USER_ID	INT	2 BYTES	NO	YES	user id of user who created donation
AMOUNT	DECIMAL	5 BYTES	NO	NO	USD amount of donation
MESSAGE	STRING	255 CHAR	NO	NO	optional message attached to dono

### MESSAGE

attribute name	data type	size	primary key	foreign key	description
MSG_ID	INT	3 BYTES	YES	NO	unique id for each message
SENDER_ID	INT	2 BYTES	NO	YES	user id of sending user
RECIEVER_ID	INT	2 BYTES	NO	YES	user id of receiving user
TIMESTAMP	DATE	3 BYTES	NO	NO	timestamp of message
SUBJECT	STRING	40 CHAR	NO	NO	subject of message
MSG_TXT	STRING	255 CHAR	NO	NO	text of message

### DISCUSSION\_POST

attribute name	data type	size	primary key	foreign key	description
DISC_POST_ID	INT	2 BYTES	YES	NO	unique id for each post
PUBLISHER_ID	INT	2 BYTES	NO	YES	user id of publisher
TITLE	STRING	40 CHAR	NO	NO	title of post
DESCRIPTION	STRING	10000 CHAR	NO	NO	description of post
TIMESTAMP	DATE	3 BYTES	NO	NO	timestamp of post

### DISCUSSION\_RESPONSE

attribute name	data type	size	primary key	foreign key	description
RESPONSE_ID	INT	2 BYTES	YES	NO	number starting from 0 indicating how many responses to discussion post come before it
DISC_POST_ID	INT	2 BYTES	YES	YES	unique id of the discussion post being replied to
PUBLISHER_ID	INT	2 BYTES	NO	YES	user id of the publisher
TIMESTAMP	DATE	3 BYTES	NO	NO	timestamp of post
TITLE	STRING	40 CHAR	NO	NO	title of post
RESPONSE	STRING	10000 CHAR	NO	NO	text of post

## ADMIN\_ACTIVITY

attribute name	data type	size	primary key	foreign key	description
ACTIVITY_ID	INT	1 BYTES	YES	NO	unique id representing one of many administrative activities that can be completed on the website for maintenance
LOWEST_CLASS_REQUIRED	INT	1 BYTES	NO	YES	id that correlates to an admin permission id stored in admin permission table
ACTIVITY_NAME	STRING	20 CHAR	NO	NO	name of activity
ACTIVITY_DESCRIPTION	STRING	255 CHAR	NO	NO	description of activity

## ADMIN\_PERMISSION

attribute name	data type	size	primary key	foreign key	description
PERMISSION_ID	INT	1 BYTE	YES	NO	unique id for a specific permission class granted to admins of the site
CLASS_DESCRIPTION	STRING	255 CHAR	NO	NO	description of the permission class, what it permesses a user to do

## ADMIN

attribute name	data type	size	primary key	foreign key	description
ADMIN_ID	INT	1 BYTE	YES	NO	unique admin id
USER_ID	INT	2 BYTES	NO	YES	user id of the user connected to this admin
ADMIN_PERMISSION_LVL	INT	1 BYTE	NO	NO	permission class of the admin

## USER

attribute name	data type	size	primary key	foreign key	description
USER_ID	INT	2 BYTES	YES	NO	unique id for any user
F_NAME	STRING	20 CHAR	NO	NO	first name of user
I_NAME	STRING	20 CHAR	NO	NO	last name of user
EMAIL	STRING	50 CHAR	NO	NO	email of user
PHONE	STRING	11 CHAR	NO	NO	phone number of user

## STUDENT

attribute name	data type	size	primary key	foreign key	description
STUDENT_ID	INT	2 BYTES	YES	NO	unique id for all students
USER_ID	INT	2 BYTES	NO	YES	id of user student is associated with
GENDER	STRING	20 CHAR	NO	NO	gender
ORIGIN_COUNTRY	STRING	50 CHAR	NO	NO	country of origin
GRADUATION_YEAR	INT	1 BYTE	NO	NO	year of graduation
CONCENTRATION_CODE	INT	1 BYTE	NO	YES	concentration in CIS
MINOR_CODE	INT	1 BYTE	NO	YES	minor code
IS_MENTOR	BOOL	1 BIT	NO	NO	is user a mentor
IS_MENTEE	BOOL	1 BIT	NO	NO	is user a mentee
CIS150	BOOL	1 BIT	NO	NO	is user taking this class
CIS199	BOOL	1 BIT	NO	NO	is user taking this class
CIS205	BOOL	1 BIT	NO	NO	is user taking this class
CIS305	BOOL	1 BIT	NO	NO	is user taking this class
CIS310	BOOL	1 BIT	NO	NO	is user taking this class
CIS320	BOOL	1 BIT	NO	NO	is user taking this class
CIS350	BOOL	1 BIT	NO	NO	is user taking this class
CIS396	BOOL	1 BIT	NO	NO	is user taking this class
CIS397	BOOL	1 BIT	NO	NO	is user taking this class
CIS398	BOOL	1 BIT	NO	NO	is user taking this class
CIS399	BOOL	1 BIT	NO	NO	is user taking this class
CIS410	BOOL	1 BIT	NO	NO	is user taking this class
CIS411	BOOL	1 BIT	NO	NO	is user taking this class
CIS420	BOOL	1 BIT	NO	NO	is user taking this class
CIS443	BOOL	1 BIT	NO	NO	is user taking this class
CIS444	BOOL	1 BIT	NO	NO	is user taking this class
CIS481	BOOL	1 BIT	NO	NO	is user taking this class
CIS483	BOOL	1 BIT	NO	NO	is user taking this class
CIS484	BOOL	1 BIT	NO	NO	is user taking this class

ALUMNI

attribute name	data type	size	primary key	foreign key	description
ALUMNI_ID	INT	2 BYTES	YES	NO	unique id for all alumn
USER_ID	INT	2 BYTES	NO	YES	id of user student is associated with
GENDER	STRING	20 CHAR	NO	NO	gender
ORIGIN_COUNTRY	STRING	50 CHAR	NO	NO	country of origin
GRADUATION_YEAR	INT	1 BYTE	NO	NO	year of graduation
CONCENTRATION_CODE	INT	1 BYTE	NO	YES	concentration in CIS
MINOR_CODE	INT	1 BYTE	NO	YES	minor code
IS_MENTOR	BOOL	1 BIT	NO	NO	is user a mentor
JOB_TITLE	STRING	50 CHAR	NO	NO	job title
EMPLOYER	STRING	50 CHAR	NO	NO	employer
CIS150	BOOL	1 BIT	NO	NO	has user taken this class
CIS199	BOOL	1 BIT	NO	NO	has user taken this class
CIS205	BOOL	1 BIT	NO	NO	has user taken this class
CIS305	BOOL	1 BIT	NO	NO	has user taken this class
CIS310	BOOL	1 BIT	NO	NO	has user taken this class
CIS320	BOOL	1 BIT	NO	NO	has user taken this class
CIS350	BOOL	1 BIT	NO	NO	has user taken this class
CIS396	BOOL	1 BIT	NO	NO	has user taken this class
CIS397	BOOL	1 BIT	NO	NO	has user taken this class
CIS398	BOOL	1 BIT	NO	NO	has user taken this class
CIS399	BOOL	1 BIT	NO	NO	has user taken this class
CIS410	BOOL	1 BIT	NO	NO	has user taken this class
CIS411	BOOL	1 BIT	NO	NO	has user taken this class
CIS420	BOOL	1 BIT	NO	NO	has user taken this class
CIS443	BOOL	1 BIT	NO	NO	has user taken this class
CIS444	BOOL	1 BIT	NO	NO	has user taken this class
CIS481	BOOL	1 BIT	NO	NO	has user taken this class
CIS483	BOOL	1 BIT	NO	NO	has user taken this class
CIS484	BOOL	1 BIT	NO	NO	has user taken this class

#### INDUSTRY\_MENTOR

attribute name	data type	size	primary key	foreign key	description
I_M_ID	INT	2 BYTES	YES	NO	unique identifier for an industry mentor
USER_ID	INT	2 BYTES	NO	YES	user id associated with the mentor
COMPANY	STRING	50 CHAR	NO	NO	company the user works for
JOB_TITLE	STRING	50 CHAR	NO	NO	job title of industry mentor
CITY	STRING	50 CHAR	NO	NO	city of mentor
STATE	STRING	2 CHAR	NO	NO	state of mentor

## EMPLOYER

attribute name	data type	size	primary key	foreign key	description
EMP_ID	INT	2 BYTES	YES	NO	unique id for employer
USER_ID	INT	2 BYTES	NO	YES	user id associated with the employer
COMPANY	STRING	50 CHAR	NO	NO	company the user works for
JOB_TITLE	STRING	50 CHAR	NO	NO	job title of employer
CITY	STRING	50 CHAR	NO	NO	city of employer
STATE	STRING	2 CHAR	NO	NO	state of employer

## ANNOUNCEMENT

attribute name	data type	size	primary key	foreign key	description
ANNOUNCEMENT_ID	INT	2 BYTES	YES	NO	unique ID for a given announcement
CREATOR_ID	INT	2 BYTES	NO	YES	ID of the user that created announcement
TIMESTAMP	DATE	3 BYTES	NO	NO	date of announcement
SUBJECT	STRING	50 CHAR	NO	NO	subject of the announcement
BODY	STRING	10000 CH	NO	NO	body of the announcement

## EVENT

attribute name	data type	size	primary key	foreign key	description
EVENT_ID	INT	2 BYTES	YES	NO	unique id of the event
CREATOR_ID	INT	2 BYTES	NO	YES	user id of the creator of the event
TIMESTAMP	DATE	3 BYTES	NO	NO	time of posting of the event
EVENT_TIME_START	DATE	3 BYTES	NO	NO	start of the event
EVENT_TIME_END	DATE	3 BYTES	NO	NO	end of the event
EVENT_DESCRIPTION	STRING	500 CHAR	NO	NO	description of the event

## EMAIL\_BLAST

attribute name	data type	size	primary key	foreign key	description
EMAIL_ID	INT	2 BYTES	YES	NO	unique ID of a given email blast
SENDER_ID	INT	2 BYTES	NO	YES	ID of the user who sent the email blast
SUBJECT	STRING	50 CHAR	NO	NO	subject of the email
TEXT	STRING	10000 CH	NO	NO	text of the email
RECIPIENTS_OPTION	INT	1 BYTE	NO	YES	option id in recipient option table that corresponds to a group of users that receive the email

## JOB\_LISTING

attribute name	data type	size	primary key	foreign key	description
LISTING_ID	INT	2 BYTES	YES	NO	unique ID for a given job listing
EMPLOYER_ID	INT	2 BYTES	NO	YES	id of the user who created the job listing
COMPANY	STRING	50 CHAR	NO	NO	name of the company who is hiring
JOB_TITLE	STRING	50 CHAR	NO	NO	title of job that the listing is recruiting
DESCRIPTION	STRING	10000 CHAR	NO	NO	description of the job

## SURVEY

attribute name	data type	size	primary key	foreign key	description
SURVEY_ID	INT	2 BYTES	YES	NO	unique ID of a given survey
CREATOR_ID	INT	2 BYTES	NO	YES	ID of the user who created the survey
TIMESTAMP	DATE	3 BYTES	NO	NO	time when the survey was posted
TITLE	STRING	100 CHAR	NO	NO	title of the survey
QUESTIONS	STRING	10000 CHAR	NO	NO	survey questions listed as a string

## RECIPIENT\_OPTION

attribute name	data type	size	primary key	foreign key	description
OPTION_ID	INT	1 BYTE	YES	NO	unique id that acts as an enumeration. Represents a group of recipients for an email blast
DESCRIPTION	STRING	500 CHAR	NO	NO	text description of who will receive emails if this option id is selected. To be enforced in further coding of email functionality

## BACKUP

attribute name	data type	size	primary key	foreign key	description
BACKUP_ID	INT	4 BYTES	YES	NO	unique ID that represents a backup
BACKUP_INITIATOR	INT	2 BYTES	NO	YES	id of the user who initiated the backup
TIMESTAMP	DATE	3 BYTES	NO	NO	timestamp of backup
BACKUP_SIZE	DECIMAL	5 BYTES	NO	NO	size in GB of backup

## RESTORATION

attribute name	data type	size	primary key	foreign key	description
RESTORATION_ID	INT	4 BYTES	YES	NO	unique ID that represents a given restoration from system backup
FROM_BACKUP	INT	4 BYTES	NO	YES	ID of the backup that was used for system restoration
RESTORATION_INITIATOR	INT	2 BYTES	NO	YES	ID of the user who initiated the restoration
TIMESTAMP	INT	3 BYTES	NO	NO	time of restoration

## SURVEY\_RESPONSE

attribute name	data type	size	primary key	foreign key	description
RESPONSE_ID	INT	2 BYTES	YES	NO	unique ID of a given survey response
SURVEY_ID	INT	2 BYTES	NO	YES	ID of the survey that is being responded to
USER_ID	INT	2 BYTES	NO	YES	ID of the user who posted the response
TIMESTAMP	DATE	3 BYTES	NO	NO	time of posting the response
TITLE	STRING	50 CHAR	NO	NO	title of the response
RESPONSE	STRING	10000 CHAR	NO	NO	text of the response

## CONCENTRATION

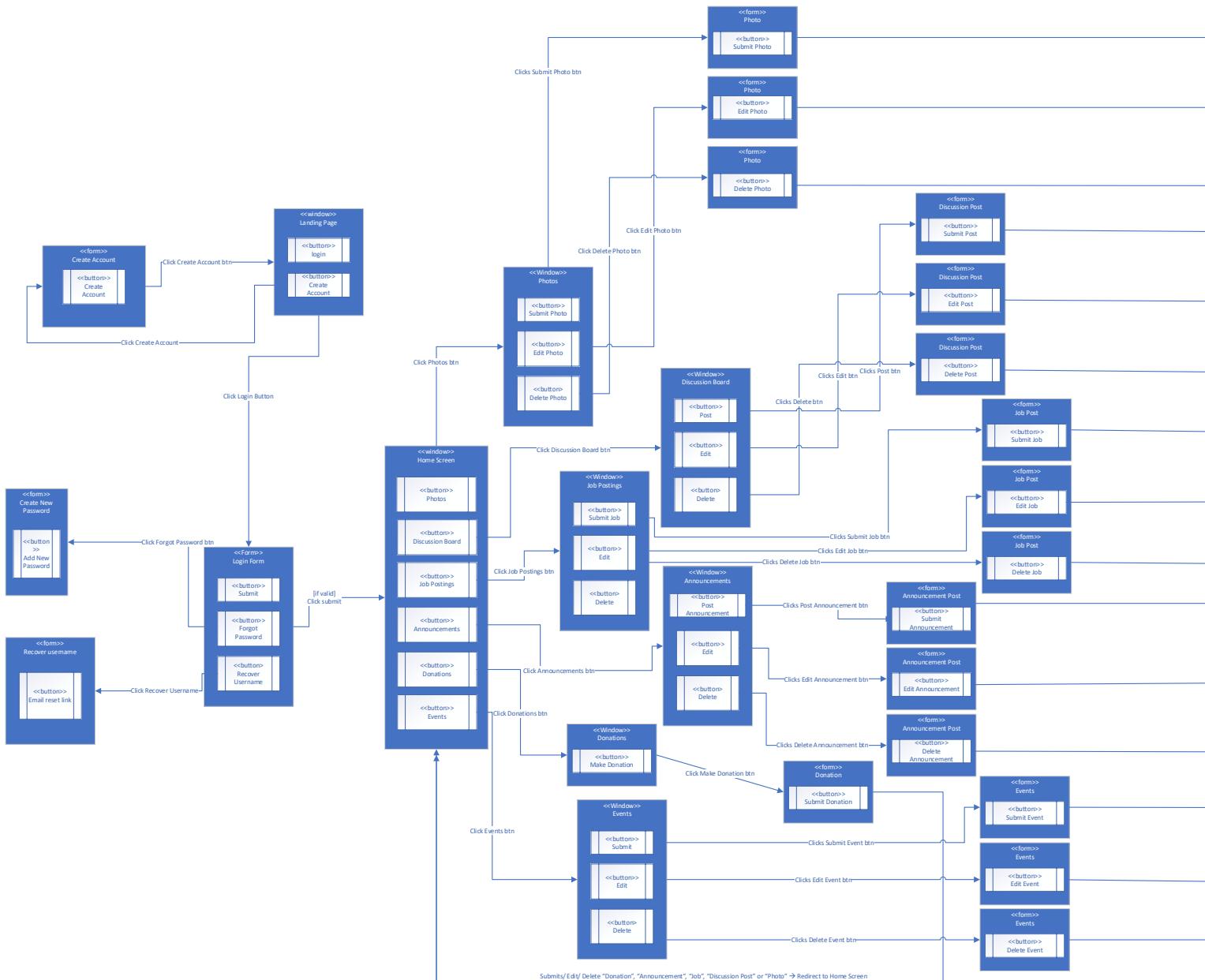
attribute name	data type	size	primary key	foreign key	description
CONCENTRATION_CODE	ID	1 BYTE	YES	NO	unique ID that acts as an enumeration for the different concentrations of CIS
DESCRIPTION	STRING	50 CHAR	NO	NO	description of which concentration the concentration id represents

## MINOR

attribute name	data type	size	primary key	foreign key	description
MINOR_CODE	INT	2 BYTES	YES	NO	ID that serves as an enumeration for the various minor options available at UofL
DESCRIPTION	STRING	50 CHAR	NO	NO	description of the minor that corresponds to the minor code

### **Window Navigation Diagram**

This is a Window Navigation Diagram depicting the screens that are required to realize the various use cases for our mentor system. These screen layouts realize our use cases by displaying states which are represented as boxes. The boxes are where the user interface's are located. Each of the boxes corresponds to a user interface component, which is either a window, form, button, or report. For instance, the home screen state corresponds to a window user interface component, and has our use cases represented as buttons that user can click such as Photos, Discussion Board, etc. When the user clicks the 'Photos' button, the transition that says 'Clicks Photo btn' would take them to the 'Photos' window, where they can either submit, edit, or delete a photo.



# Announcement Title

## Create Announcement Layout

# Message

B I U

# Font

# Size

# Attachment

# Choose File

# POST

LAST 14 DAYS	DATE POSTED	Delete Announcement Layout	ACTION
4. Lorem Ipsum	04/15/2021	<a href="#">Edit</a>	<a href="#">Delete</a>
3. Quaeque Scripserit	04/12/2021	<a href="#">Edit</a>	<a href="#">Delete</a>
2. Sit Amet	04/10/2021	<a href="#">Edit</a>	<a href="#">Delete</a>
1. Nec Causae	04/06/2021	<a href="#">Edit</a>	<a href="#">Delete</a>

LAST 30 DAYS	DATE POSTED	Delete Event Layout	ACTION
4. Lorem Ipsum	03/16/2021	<a href="#">Delete Event Layout</a>	<b>EDIT</b> <b>DELETE</b>
3. Quaeque Scripserit	03/01/2021	<a href="#">Delete Event Layout</a>	<b>EDIT</b> <b>DELETE</b>
2. Sit Amet	02/22/2021	<a href="#">Delete Event Layout</a>	<b>EDIT</b> <b>DELETE</b>
1. Nec Causae	02/19/2021	<a href="#">Delete Event Layout</a>	<b>EDIT</b> <b>DELETE</b>

# Announcement Title

[Edit Announcement Layout](#)

Lorem ipsum.

## Message

**B** *I* **U**

Arial

11

Lorem ipsum dolor sit amet, per ea dicunt eruditi evertitur? Pri an rebum fugit, an postea habemus sea, sea audire sententiae eu! Per autem saepe principes at, autem insolens disputationi ei nam.

Eu quo mollis nominavi forensibus, ius detraxit atomorum at, labore disputationi et eam. At ubique accommodare duo? Eam laoreet epicuri expetenda id, no qui alii nemo feugait. His te ullum harum theophrastus.

Te quo eros ipsum sensibus. Eos semper adipisci ex, duo ut ridens volumus percipitur, eam ad idque.

### Attachment

Choose File

Attached Files

- 1. Ipsum-dolor-sit.pdf X
- 2. EROS-mollis70.docx X

**SUBMIT**

## Event Title

Lorem ipsum.

## Description

Eu quo mollis nominavi forensibus, ius detraxit atomorum at, labore disputationi et eam. At ubique accommodare duo?

Eam laoreet epicuri expetenda id, no qui alii nemo feugait. His te ullum harum.

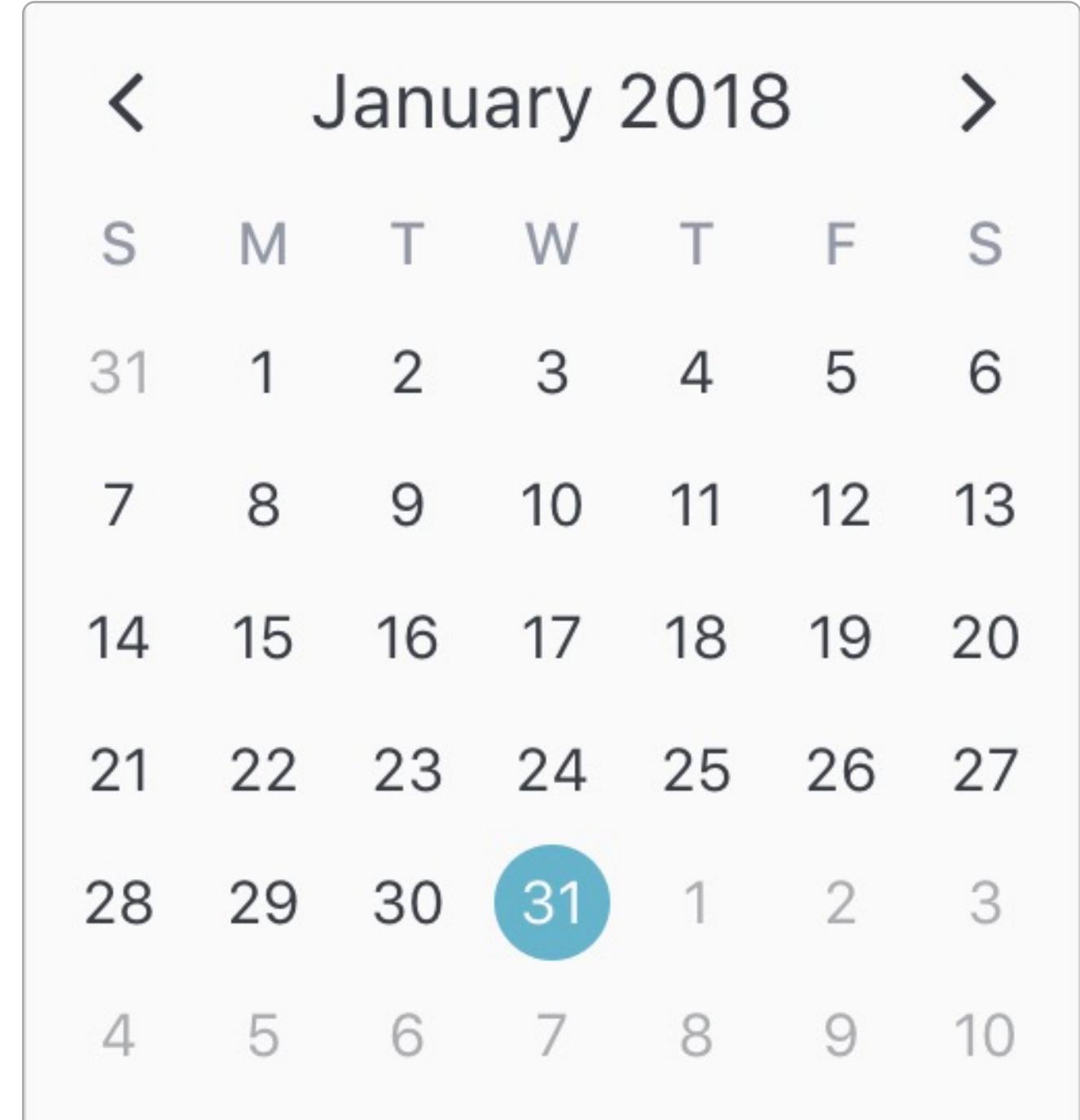
Start Time ▼

- 1:00 PM
- 1:30 PM
- 2:00 PM
- 2:30 PM

End Time ▼

- 1:00 PM
- 1:30 PM
- 2:00 PM
- 2:30 PM

## Select Date



Attachment

Choose File

Submit

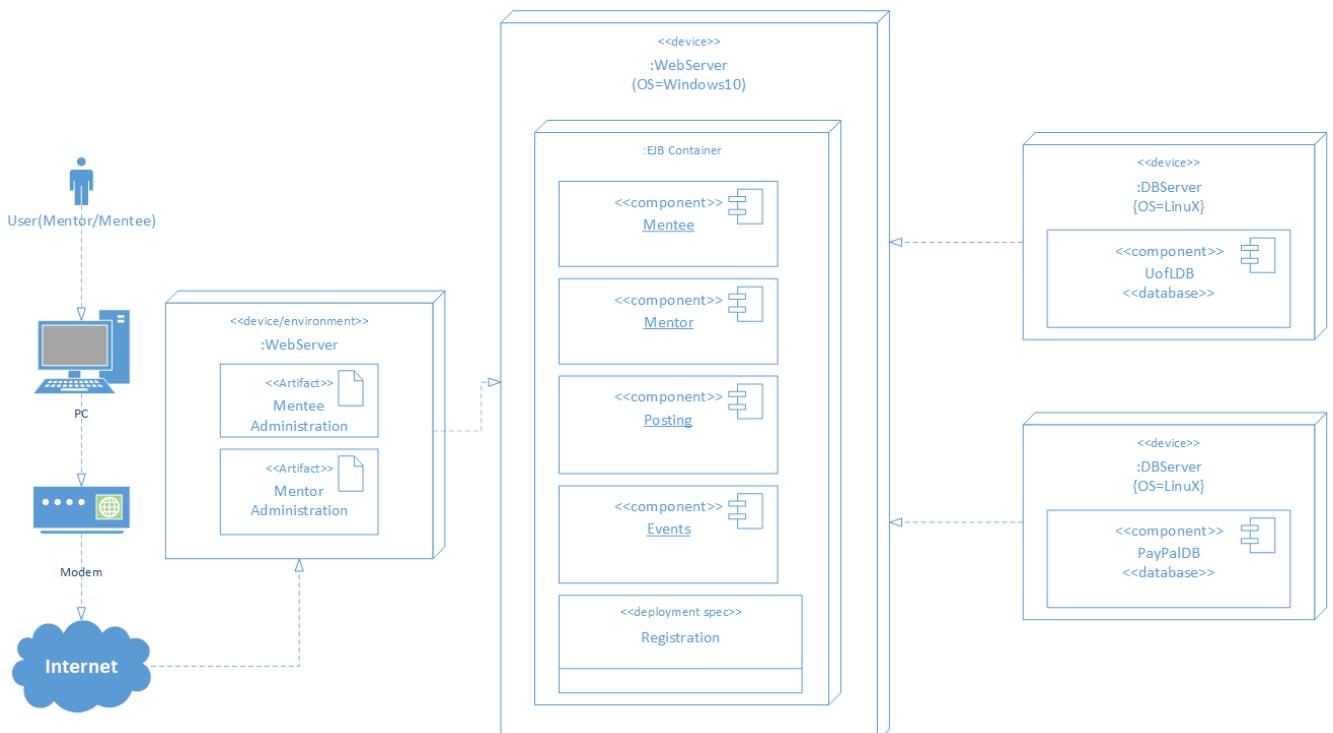
## Physical Architecture Design

Our Physical Architecture Design for our Mentoring-System Project will feature a deployment diagram of our system using the Unified Modeling Language (UML). The essential purpose of a deployment diagram is to visualize the structure of a system. It will display all the necessary hardware and software necessary to be able to implement the system, along with creating associations between each item.

Through the ‘design’ viewpoint of our design, we are primarily looking at a wire-frame view of a possible solution to our problem. This will help us in simply being able to identify what we need for a CMS, database, cloud storage, application server, etc.

The realization view is the same diagram as the design view, but the difference here is that it will help us be able to see precisely what database products and cost-management-systems we need (SQL Server, WordPress). The overall idea of the realization view is to help us narrow down all the expenses of the various technology investments crucial for the development costs that are featured in the NPV forecast in our Vision Document.

For our design of the deployment diagram, it begins with the user (mentor or mentee), logging in to a computer, followed by a modem bank to which they are able to gain access to the internet, then a web-server of the mentoring website. In the deployment diagram below, the first web-server for mentor/mentee administration is represented by a node. A node is essentially a 3-D box that can either be hardware or software. In our case, our deployment diagram features nodes, for various web servers each with different components for students, mentors, postings, etc. In between each of the nodes is an association (lines), each creating a relationship for each of the users and nodes.



## **Design Procedures for Security Concerns and Non-Functional Requirements**

The following procedures will need to be followed to address the non-functional requirements:

- Create a WordPress site
- Integrate PayPal
- Implement a SQL server
- Connect to U of L's firewall
- Purchase storage

In regard to security, the firewall is the most important part. Being connected to the university's firewall will make sure that no one without the authority to access the website will be able to. This will help protect the names, phone numbers, addresses, and company information that is going to be on the website. We also need to purchase storage in order to be able to back up that data and restore it if the system should ever fail. The system needs to be integrated with PayPal so that users may donate money to the program. It must also be connected to a SQL server to store the data in. Finally, the website will need to be created on WordPress for use by the program.

The first thing that we would do during the design phase would be to create the website using WordPress. After that, SQL server and PayPal would be integrated into the site. Next, the website would be hooked up to the university's firewall to protect the site and its data. Finally, we would purchase storage for the backups.

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g from previous iterations and  
thing that was needed to  
team has put together a  
I documents for the elaboration



https://



Announcement Prototype



LOGO

[Home](#) [Discussion Board](#) [Job Postings](#) [Announcements](#) [Donations](#) [Events](#) 

Admin



## Announcements

**NEW****Dashboard****Tools**

Email Blast

Events

Surveys

Employees

Students

Admins

Announcements

Submitted Photos

Job Postings

**System**

LAST 14 DAYS	DATE POSTED	ACTION
4. Lorem Ipsum	04/15/2021	<b>EDIT</b> <b>DELETE</b>
3. Quaeque Scripserit	04/12/2021	<b>EDIT</b> <b>DELETE</b>
2. Sit Amet	04/10/2021	<b>EDIT</b> <b>DELETE</b>
1. Nec Causae	04/06/2021	<b>EDIT</b> <b>DELETE</b>



LOGO

Home Discussion Board Job Postings Announcements Donations Events

Admin



## Admin: Create Administrator

Dashboard

Tools

Email Blast

Events

Surveys

Employees

Students

Admins

Announcements

Submitted Photos

Job Postings

System

**First Name****Last Name****Courses Teaching****Password****Confirm Password****Create**



https://



Create Alumni Prototype



LOGO

Home About Register



Login

## Alumni Registration



Email



Password



Confirm password

Sign up



<https://>



## **Post Announcement Prototype**



## Admin

**LOGO**

[Home](#) [Discussion Board](#) [Job Postings](#) [Announcements](#) [Donations](#) [Events](#)



# Announcements: New Anouncement

# Dashboard

# Tools

## Email Blast

## Events

## Surveys

## Employees

## Students

## Admins

## Announcements

## Submitted Photos

## Job Postings

# Announcement Title

# Message

**B** *I* U

## System

# Attachment

# Choose File

# POST



https://



Send Email Blast Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events

Admin



## Email Blast: New Email

Dashboard

Tools

[Email Blast](#)[Events](#)[Surveys](#)[Employees](#)[Students](#)[Admins](#)[Announcements](#)[Submitted Photos](#)[Job Postings](#)

System

**Recipients**

All Students

**Subject****Message****B I U**

Font

Size

**Attachment****Choose File****Send**



https://



Create Event Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events

Admin



## Events: New Event

Dashboard

### Tools

Email Blast

Events

Surveys

Employees

Students

Admins

Announcements

Submitted Photos

Job Postings

### System

#### Event Title

#### Description

#### Start Time ▾

- 1:00 PM
- 1:30 PM
- 2:00 PM
- 2:30 PM

#### End Time ▾

- 1:00 PM
- 1:30 PM
- 2:00 PM
- 2:30 PM

#### Select Date

		January 2018							
S	M	T	W	T	F	S			
31	1	2	3	4	5	6			
7	8	9	10	11	12	13			
14	15	16	17	18	19	20			
21	22	23	24	25	26	27			
28	29	30	31	1	2	3			
4	5	6	7	8	9	10			

**Attachment****Submit**



## Events

NEW

## Dashboard

## Tools

Email Blast

Events

Surveys

Employees

Students

Admins

Announcements

Submitted Photos

Job Postings

## System

LAST 30 DAYS	DATE POSTED	ACTION
4. Lorem Ipsum	03/16/2021	<b>EDIT</b> <b>DELETE</b>
3. Quaeque Scripserit	03/01/2021	<b>EDIT</b> <b>DELETE</b>
2. Sit Amet	02/22/2021	<b>EDIT</b> <b>DELETE</b>
1. Nec Causae	02/19/2021	<b>EDIT</b> <b>DELETE</b>



https://



Discussion Board Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events



User



## Discussion Board: New Post

**Post Title**

**Message**

B I U

Font ▾

Size ▾

**Attachment**

**POST**



https://



Donation Prototype



User



LOGO

[Home](#) [Discussion Board](#) [Job Postings](#) [Announcements](#) [Donations](#) [Events](#)

## Donations

### Make a Donation

**Amount****Payment Method****Credit Card Number****Expiration****CVV**N/A **PayPal****Submit**



https://



Edit Announcement Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events

Admin



## Announcements: Edit Anouncement

Dashboard

Tools

Email Blast

Events

Surveys

Employees

Students

Admins

Announcements

Submitted Photos

Job Postings

System

### Announcement Title

Lorem ipsum.

### Message

**B** *I* **U**

Arial

11

Lorem ipsum dolor sit amet, per ea dicunt eruditi evertitur? Pri an rebum fugit, an postea habemus sea, sea audire sententiae eu! Per autem saepe principes at, autem insolens disputationi ei nam.

Eu quo mollis nominavi forensibus, ius detraxit atomorum at, labore disputationi et eam. At ubique accommodare duo? Eam laoreet epicuri expetenda id, no qui alii nemore feugait. His te ullum harum theophrastus.

Te quo eros ipsum sensibus. Eos semper adipisci ex, duo ut ridens volumus percipitur, eam ad idque.

### Attachment

Attached Files

- |                        |   |
|------------------------|---|
| 1. Ipsum-dolor-sit.pdf | X |
| 2. EROS-mollis70.docx  | X |



https://



Edit Event Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events

Admin



## Events: Edit Event

[Delete](#)

Dashboard

### Tools

Email Blast

[Events](#)

Surveys

Employees

Students

Admins

Announcements

Submitted Photos

Job Postings

### System

#### Event Title

Lorem ipsum.

#### Description

Eu quo mollis nominavi forensibus, ius detraxit atomorum at, labore disputationi et eam. At ubique accommodare duo?

Eam laoreet epicuri expetenda id, no qui alii nemo feugait. His te ullum harum.

#### Start Time ▾

- 1:00 PM
- 1:30 PM
- 2:00 PM
- 2:30 PM

#### End Time ▾

- 1:00 PM
- 1:30 PM
- 2:00 PM
- 2:30 PM

#### Select Date

<		January 2018						>	
S	M	T	W	T	F	S			
31	1	2	3	4	5	6			
7	8	9	10	11	12	13			
14	15	16	17	18	19	20			
21	22	23	24	25	26	27			
28	29	30	31	1	2	3			
4	5	6	7	8	9	10			

[Attachment](#)[Submit](#)



https://



Edit/Delete Administrator Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events

Admin



## Admin: Edit Administrator

[Delete](#)

Dashboard

Tools

Email Blast

Events

Surveys

Employees

Students

Admins

Announcements

Submitted Photos

Job Postings

System

First Name

Last Name

Courses Teaching

Old Password

New Password

Confirm Password

[Done](#)



https://



Edit/Delete Alumni Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events



Alumni



## Alumni Account

**Delete**

Dashboard

Account

[Edit Account](#)  
[Settings](#)

### Edit Account

First name

Last name

Gender

Ethnicity

Birth Month

Birth Day

Birth Year

Country of Origin

Job Title

Current Company

City

State

Zipcode

Graduated Year

**CIS Concentration:** InfoSec  Web Development  Business Process Management**Hobbies & Interests:**

<input type="checkbox"/> Art	<input type="checkbox"/> Gaming	<input type="checkbox"/> Writing	<input type="checkbox"/> Cooking
<input type="checkbox"/> Music	<input type="checkbox"/> Fishing	<input type="checkbox"/> Fitness	<input type="checkbox"/> Reading
<input type="checkbox"/> Sports	<input type="checkbox"/> Fashion	<input type="checkbox"/> Travel	

**Done**



https://



Edit/Delete Discussion Post Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events



User



## Discussion Board: Edit Post

Delete

**Post Title**

**Message**

B I U

Font ▾

Size ▾

**Attachment**

**Done**



https://



Create Employer Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events



Employer ▾

Dashboard

Account

Edit Account  
Settings

## Employer Account

Delete

### Edit Account

First name

Last name

Street address

City

State

Zipcode

Phone Number

Done



https://



Edit/Delete Job Posting Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events

Admin



## Job Postings: Edit Post

**Delete**

Dashboard

Tools

- Email Blast
- Events
- Surveys
- Employees
- Students
- Admins
- Announcements
- Submitted Photos
- Job Postings

System

**First Name**

Lorem

**Last Name**

Ipsum

**Current Company**

Corporation

**Job Title**

Sales

**Email**

Lorem.Ipsum@Corporation.com

**Phone Number**

555-555-5555

**Description****B I U**

Font ▾

Size ▾

Eu quo mollis nominavi forensibus, ius detraxit  
atomorum at, labore disputationi et eam. At  
ubique accommodare duo?

Eam laoreet epicuri expetenda id, no qui alii  
nemore feugait. His te ullum harum.

**Attachment****Choose File****Done**



https://



Create Industry Mentor Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events



Mentor

## Mentor Account

**Delete**

Dashboard

Account

[Edit Account](#)  
[Settings](#)

### Edit Account

First name

Last name

Street address

City

State

Zipcode

Gender

Ethnicity

Birth Month

Birth Day

Birth Year

Country of Origin

Age Group

Phone Number

Student ID

Graduating Year

#### CIS Courses Currently Taking:

- CIS 205     CIS 199     CIS 350     CIS 200  
 CIS 305     CIS 310     CIS 410     CIS 480  
 CIS 150     CIS 320     CIS 420     CIS 481

#### CIS Courses Completed:

- CIS 205     CIS 199     CIS 350     CIS 200  
 CIS 305     CIS 310     CIS 410     CIS 480  
 CIS 150     CIS 320     CIS 420     CIS 481

#### CIS Track(s) Interested in:

- InfoSec     Web Development     Business Process Management

#### Hobbies & Interests:

- Art     Gaming     Writing     Cooking  
 Music     Fishing     Fitness     Reading  
 Sports     Fashion     Travel

**Graduated?**  Yes  No**Done**



https://



Create Student Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events



Student ▾

## Student Account

**Delete**

Dashboard

Account

[Edit Account](#)  
[Settings](#)

### Edit Account

First name

Last name

Street address

City

State ▾

Zipcode

Gender ▾

Ethnicity ▾

Birth Month ▾

Birth Day ▾

Birth Year ▾

Country of Origin

Age Group ▾

Phone Number

Student ID

Graduating Year

#### CIS Courses Currently Taking:

- |                                  |                                  |                                  |                                  |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> CIS 205 | <input type="checkbox"/> CIS 199 | <input type="checkbox"/> CIS 350 | <input type="checkbox"/> CIS 200 |
| <input type="checkbox"/> CIS 305 | <input type="checkbox"/> CIS 310 | <input type="checkbox"/> CIS 410 | <input type="checkbox"/> CIS 480 |
| <input type="checkbox"/> CIS 150 | <input type="checkbox"/> CIS 320 | <input type="checkbox"/> CIS 420 | <input type="checkbox"/> CIS 481 |

#### CIS Courses Completed:

- |                                  |                                  |                                  |                                  |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> CIS 205 | <input type="checkbox"/> CIS 199 | <input type="checkbox"/> CIS 350 | <input type="checkbox"/> CIS 200 |
| <input type="checkbox"/> CIS 305 | <input type="checkbox"/> CIS 310 | <input type="checkbox"/> CIS 410 | <input type="checkbox"/> CIS 480 |
| <input type="checkbox"/> CIS 150 | <input type="checkbox"/> CIS 320 | <input type="checkbox"/> CIS 420 | <input type="checkbox"/> CIS 481 |

#### CIS Track(s) Interested in:

- |                                  |  |  |
|----------------------------------|--|--|
| <input type="checkbox"/> InfoSec | <input type="checkbox"/> Web Development | <input type="checkbox"/> Business Process Management |
|----------------------------------|--|--|

#### Hobbies & Interests:

- |                                 |                                  |                                  |                                  |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> Art    | <input type="checkbox"/> Gaming  | <input type="checkbox"/> Writing | <input type="checkbox"/> Cooking |
| <input type="checkbox"/> Music  | <input type="checkbox"/> Fishing | <input type="checkbox"/> Fitness | <input type="checkbox"/> Reading |
| <input type="checkbox"/> Sports | <input type="checkbox"/> Fashion | <input type="checkbox"/> Travel  |                                  |

**Done**



https://



Employer Registration Prototype



LOGO

Home About Register



Login

## Employer Registration



Email



Password



Confirm password

Sign up



https://



Create Industry Mentor Prototype



LOGO

Home About Register



Login

## Mentor Registration

### Introduce Yourself

Click on each box below to enter your information.

First name

Last name

Street address

City

State

Zipcode

Gender

Ethnicity

Birth Month

Birth Day

Birth Year

Country of Origin

Age Group

Phone Number

Student ID

Graduating Year

### CIS Courses Currently Taking:

- |                                  |                                  |                                  |                                  |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> CIS 205 | <input type="checkbox"/> CIS 199 | <input type="checkbox"/> CIS 350 | <input type="checkbox"/> CIS 200 |
| <input type="checkbox"/> CIS 305 | <input type="checkbox"/> CIS 310 | <input type="checkbox"/> CIS 410 | <input type="checkbox"/> CIS 480 |
| <input type="checkbox"/> CIS 150 | <input type="checkbox"/> CIS 320 | <input type="checkbox"/> CIS 420 | <input type="checkbox"/> CIS 481 |

### CIS Courses Completed:

- |                                  |                                  |                                  |                                  |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> CIS 205 | <input type="checkbox"/> CIS 199 | <input type="checkbox"/> CIS 350 | <input type="checkbox"/> CIS 200 |
| <input type="checkbox"/> CIS 305 | <input type="checkbox"/> CIS 310 | <input type="checkbox"/> CIS 410 | <input type="checkbox"/> CIS 480 |
| <input type="checkbox"/> CIS 150 | <input type="checkbox"/> CIS 320 | <input type="checkbox"/> CIS 420 | <input type="checkbox"/> CIS 481 |

### CIS Track(s) Interested in:

- |                                  |  |  |
|----------------------------------|--|--|
| <input type="checkbox"/> InfoSec | <input type="checkbox"/> Web Development | <input type="checkbox"/> Business Process Management |
|----------------------------------|--|--|

### Hobbies & Interests:

- |                                 |                                  |                                  |                                  |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> Art    | <input type="checkbox"/> Gaming  | <input type="checkbox"/> Writing | <input type="checkbox"/> Cooking |
| <input type="checkbox"/> Music  | <input type="checkbox"/> Fishing | <input type="checkbox"/> Fitness | <input type="checkbox"/> Reading |
| <input type="checkbox"/> Sports | <input type="checkbox"/> Fashion | <input type="checkbox"/> Travel  |                                  |

Graduated?  Yes  No

### Comments:

**Create**



https://



Create Industry Mentor Prototype



LOGO

Home About Register



Login

## Mentor Registration



Email



Password



Confirm password

Sign up



https://



Log In Prototype

LOGO

Home About Register



Login

Login



Email



Password

Remember me

Sign in

Forgot?

## Submitted Photos

### Dashboard

### Tools

- Email Blast
- Events
- Surveys
- Employees
- Students
- Admins
- Announcements
- Submitted Photos !
- Job Postings

### System

INBOX !	DATE SUBMITTED	ACTION
Lorem Ipsum	01/05/2021	<b>VIEW APPROVE</b>
Quaeque Scripserit	01/04/2021	<b>VIEW APPROVE</b>

LAST 14 DAYS	DATE SUBMITTED	ACTION
Quaeque Scripserit	01/01/2021	<b>VIEW DELETE</b>



https://



Registration Prototype



LOGO

Home About Register



Login

## Registration

Employer

Student

Alumni

Industry Mentor

Sign in

Next



https://

Send Message to Department Chair  
Prototype

LOGO

Home Discussion Board Job Postings Announcements Donations Events

User



## Send Message: Department Chair

### Title

### Message

**B** *I* **U**

Font ▾

Size ▾

### Attachment



https://



Student Registration Prototype



LOGO

Home About Register



Login

## Student Registration



Student email



Password



Confirm password

Next



LOGO

Home About Register



Login

## Student Registration

### Introduce Yourself

Click on each box below to enter your information.

▼▼▼▼▼▼▼

### CIS Courses Currently Taking:

- |                                  |                                  |                                  |                                  |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> CIS 205 | <input type="checkbox"/> CIS 199 | <input type="checkbox"/> CIS 350 | <input type="checkbox"/> CIS 200 |
| <input type="checkbox"/> CIS 305 | <input type="checkbox"/> CIS 310 | <input type="checkbox"/> CIS 410 | <input type="checkbox"/> CIS 480 |
| <input type="checkbox"/> CIS 150 | <input type="checkbox"/> CIS 320 | <input type="checkbox"/> CIS 420 | <input type="checkbox"/> CIS 481 |

### CIS Courses Completed:

- |                                  |                                  |                                  |                                  |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> CIS 205 | <input type="checkbox"/> CIS 199 | <input type="checkbox"/> CIS 350 | <input type="checkbox"/> CIS 200 |
| <input type="checkbox"/> CIS 305 | <input type="checkbox"/> CIS 310 | <input type="checkbox"/> CIS 410 | <input type="checkbox"/> CIS 480 |
| <input type="checkbox"/> CIS 150 | <input type="checkbox"/> CIS 320 | <input type="checkbox"/> CIS 420 | <input type="checkbox"/> CIS 481 |

### CIS Track(s) Interested in:

- |                                  |  |  |
|----------------------------------|--|--|
| <input type="checkbox"/> InfoSec | <input type="checkbox"/> Web Development | <input type="checkbox"/> Business Process Management |
|----------------------------------|--|--|

### Hobbies & Interests:

- |                                 |                                  |                                  |                                  |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> Art    | <input type="checkbox"/> Gaming  | <input type="checkbox"/> Writing | <input type="checkbox"/> Cooking |
| <input type="checkbox"/> Music  | <input type="checkbox"/> Fishing | <input type="checkbox"/> Fitness | <input type="checkbox"/> Reading |
| <input type="checkbox"/> Sports | <input type="checkbox"/> Fashion | <input type="checkbox"/> Travel  |                                  |

### Comments:

Student ID

Graduating Year

**Create**



https://



Submit Photo Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events



User



## Photos: Submit a Photo

Dashboard

Photos

Contacts

Send Message

Account

Attachment



https://



Schedule Backup Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events

Admin



## System Backup

**Restore**

Dashboard

Tools

System

Account

Backups

Settings

**Select Date**

April 28, 2021 ▾

**Select Time**

4:30 AM ▾

**Recurrence**

Bi-Weekly ▾

**Schedule Backup**



https://



Restore System Prototype



LOGO

Home Discussion Board Job Postings Announcements Donations Events

Admin



## System Restore

**Backup**

Dashboard

Tools

System

Account

Backups

Settings

My Backups	Size	Delete	Restore	Download
03/16/2021	318 KB	X	<b>Restore</b>	<b>Download</b>
03/01/2021	644 KB	X	<b>Restore</b>	<b>Download</b>
02/22/2021	127 KB	X	<b>Restore</b>	<b>Download</b>



https://



View Contact Information Prototype

LOGO

[Home](#) [Discussion Board](#) [Job Postings](#) [Announcements](#) [Donations](#) [Events](#) 

User



## User Lorem Ipsum: View Contact Information

### Lore ipsum

555 Salt City Drive,  
Columbus, OH 55555

lorem-ipsum@Example.com

555-555-5555

[Back](#)