

# **Assignment 3**

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**CIS 320**

**Date:3/24/2020**

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

## Use Case Specification: Create Event

### 1. Create Event

#### 1.1 Brief Description

This use case describes how an administrator would create an event for the R&I website through a form.

### 2. Flow of Events

#### 2.1 Basic Flow

- Admin selects "Create Event" button
- Admin inputs event Title
- Admin inputs event Date
- Admin inputs event Start Time
- Admin inputs event End Time
- Admin inputs event Location
- Admin inputs event About Event information
- Admin inputs any desired pictures
- Admin selects "Submit" Use case ends

### 3. Special Requirements

- 3.1 CMS allows for the addition of widgets

### 4. Pre-conditions

- 4.1 Events widget works properly
- 4.2 System must be up and running

### 5. Post-conditions

- 5.1 Event is created
- 5.2 Events widget and section are populated with the new event

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

## Use Case Specification: Edit Event

### 6. Edit Event

#### 6.1 Brief Description

This use case describes how an administrator would edit an event on the R&I website

### 7. Flow of Events

#### 7.1 Basic Flow

- Admin selects "Edit Events"
- Admin selects event to edit
- Admin inputs new information
- Admin selects "Submit"
- Use case ends

### 8. Special Requirements

- 8.1 Database that holds event information
- 8.2 System runs on desktops, mobile devices, and tablets
- 8.3 System runs on windows and mac operating systems

### 9. Pre-conditions

- 9.1 There are existing events on the site
- 9.2 System must be up and running

### 10. Post-conditions

- 10.1 System updates the event information
- 10.2 System updates the event on a user calendar

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

## Use Case Specification: Delete Event

### 11. Delete Event

#### 11.1 Brief Description

This use case describes how an administrator would delete an event off the R&I website

### 12. Flow of Events

#### 12.1 Basic Flow

- Admin selects "Delete Events"
- Admin selects event to delete
- Admin selects "Submit"
- Use case ends

### 13. Special Requirements

- 13.1 Database that holds event information
- 13.2 System runs on desktops, mobile devices, and tablets
- 13.3 System runs on windows and mac operating systems

### 14. Pre-conditions

- 14.1 There are existing events on the site
- 14.2 System must be up and running

### 15. Post-conditions

- 15.1 System removes the event from events widget and list

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

## Use Case Specification: RSVP for Event

### 31. RSVP for Event

#### 31.1 Brief Description

This use case describes how a user would RSVP for an event located in the events widget or the expanded, full list of events.

### 32. Flow of Events

#### 32.1 Basic Flow

- User selects "RSVP" on event
- User selects "Confirm RSVP"
- Use case ends

#### 32.2 Alternative Flow

- User selects "See All Events" on events widget
- User selects "RSVP" on event
- User selects "Confirm RSVP"
- Use case ends

### 33. Special Requirements

- 33.1 Database that holds event information
- 33.2 System runs on desktops, mobile devices, and tablets
- 33.3 System runs on windows and mac operating systems

### 34. Pre-conditions

- 34.1 There are existing events on the site
- 34.2 User is already logged in to the user profile
- 34.3 System must be up and running

### 35. Post-conditions

- 35.1 System shows that user as an Attendee
- 35.2 System shows that the user has an RSVP for the event
- 35.3 System shows the event on a user calendar

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

# Use Case Specification: Search Contact Information

## 94. Search Contact Information

### 94.1 Brief Description

Users can select from a list of available contacts, grouped by department, or search with keywords to find the desired contact

## 95. Flow of Events

### 95.1 Basic Flow

- Select the contact tab on the home page
- Select desired contact from list of all contacts
- Select contact method
- Use Case ends

### 95.2 Alternative Flows

#### 95.2.1 Keyword Search

- Select the contact tab on the home page
- Arrive at contacts page
- Enter keyword into search bar
- Select from now curated list of contacts
- Arrive at specific contact page for the person selected
- Select contact method
- Use case ends

## 96. Special Requirements

## 97. Pre-conditions

97.1 Database must be updated

97.2 Database must be online

97.3 System must be online

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

## Use Case: Login

### Login

This use case describes how users will login to the account.

#### Basic Flow:

- User goes to university of Louisville and innovation website
- User clicks on my account
- User enter user id
- User enter password
- Click submit
- End use case

#### Alternative Flow:

- User goes to university of Louisville and innovation website
- User clicks on my account
- User enter invalid id or password
- Error Message “wrong id or password”
- User enter valid id or password
- User clicks on login
- End use case

#### System Requirement:

Websites must have a built-in software/script that will allow users to login with secure and privacy.

#### Pre-condition:

User is not logged in to their account.

#### Postcondition:

User is logged in.

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

## Use Case: Logout

### Logout

This use case describe how users can logout from their account **Basic**

#### Flow:

- User goes to university of Louisville and innovation website
- User clicks on my account at the top right-hand
- User clicks on logout
- Message “Yes or No
- User click on Yes
- End use case

#### Alternative Flow:

- User goes to university of Louisville and innovation website
- User clicks on my account at the top right-hand
- User clicks on logout
- Message “Yes or No
- User clicks on No

#### System Requirement:

Website must have a built-in software/script that will allow user to login and out with secure and privacy **Pre-condition:**

User should login already **Postcondition:**

Logout from account



Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

# Use Case Specification: Contact UofL Office of Research and Innovation

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## 1. Contact UofL Office of Research and Innovation

### 1.1 Brief Description

This use case describes how Students and Visitors send emails directly to the University of Louisville Office of Research and Innovation through an embedded contact form.

## 2. Flow of Events

### 2.1 Basic Flow

- User will click “About us” tab
- User clicks “Contact us” bar
- User enter “Subject”
- User enter “First Name”
- User enter “Last Name”
- User enter “Email”
- User enter “Phone”
- User enter “Message”
- User clicks “Send Email”
- Confirmation Box appears “Thank you! Your message has been successfully sent. We will contact you very soon!”

### 2.2 Alternative Flows

#### 2.2.1 “Fields cannot be blank”

- User will click “About us” tab
- User clicks “Contact us” bar
- User leaves one field blank
- User clicks “Send Email”
- Error Message box “Field cannot be blank”
- User enters missing field

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

- User clicks “Send Email”
- Confirmation Box appears “Thank you! Your message has been successfully sent. We will contact you very soon!”

### **3. Special Requirements**

- 3.1 Website must have a built-in software/script that will be able to get emails in a secure and a private form.

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

Senders must access UofL office of Research and innovation website’s form interface and have a valid personal email in which they can respond to.

### **5. Post-Conditions**

#### **5.1 Email Sent Successfully**

If the email was sent successfully a confirmation box appears with a message stating that it has been sent with a forwarded message to their personal email.

#### **5.2 Email wasn’t sent Successfully**

If the email wasn’t sent, an error box appears stating the reason or asking the user to try again later.

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

# Use Case Specification: Edit Website

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## 1. Edit Website

### 1.1 Brief Description

This use case describes how UofL Office of Research and Innovation administrator's will be editing the site

## 2. Flow of Event

### 2.1 Basic Flow

- User Access UofL Office of Research and Innovation Home Page
- User Enters Username
- User Enters Password
- User clicks "Login"
- User gets directed administrator portal
- User views site sources
- User Edits Site Header
- User clicks "Save" button
- Site Message "Update Successful"

### 2.2 Alternative Flows

#### 2.2.1 "Incorrect login information"

- User enters username
- User enters incorrect password
- User clicks "Login"
- Message box "Incorrect login information"
- User enters correct password
- User clicks "Login"
- User gets directed administrator portal

## 3. Special Requirements

Website must have a built-in software and database in order to edit the site.

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

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

User must be connected to the internet; user must be logged in and signed in as an administrator.

##### **4.1 Pre-conditions 1**

- User must be and administrator in Office of Research and Innovation Site.

##### **Post-Condition**

Website is updated successfully with the new requirement.

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

# Use Case Specification: Look up applications

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## 1. Look up applications

### 1.1 Brief Description

This use case describes how Staff (Administrator) view students' applications directly through the University of Louisville Office of Research and Innovation's Website.

## 2. Flow of Events

### 2.1 Basic Flow

- User Access UofL Office of Research and Innovation Home Page
- User Enters Username.
- User Enters Password.
- User clicks "Login".
- User gets directed to the administrator portal.
- User clicks "View Pending Applications Tab".
- User clicks "Recipients Application".
- User clicks "Review Applications"
- User clicks "Approve" to accept recipient's application

### 2.2 Alternative Flows

- User Access UofL Office of Research and Innovation Home Page
- User Enters Username.
- User Enters Password.
- User clicks "Login".
- User gets directed to the administrator portal.
- User clicks "View Pending Applications" Tab.
- User clicks "Students Application" bar from the tab.
- User clicks "Review Applications"
- User clicks "Deny" denying student's application

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

### 3. Special Requirement

#### 3.1 Staff Role

User must have role to accept or deny recipients

### 4. Pre-conditions

- 4.1** Internet Access, Staff role and Administrator permission is required to login to the admin portal

### 5. Post-condition

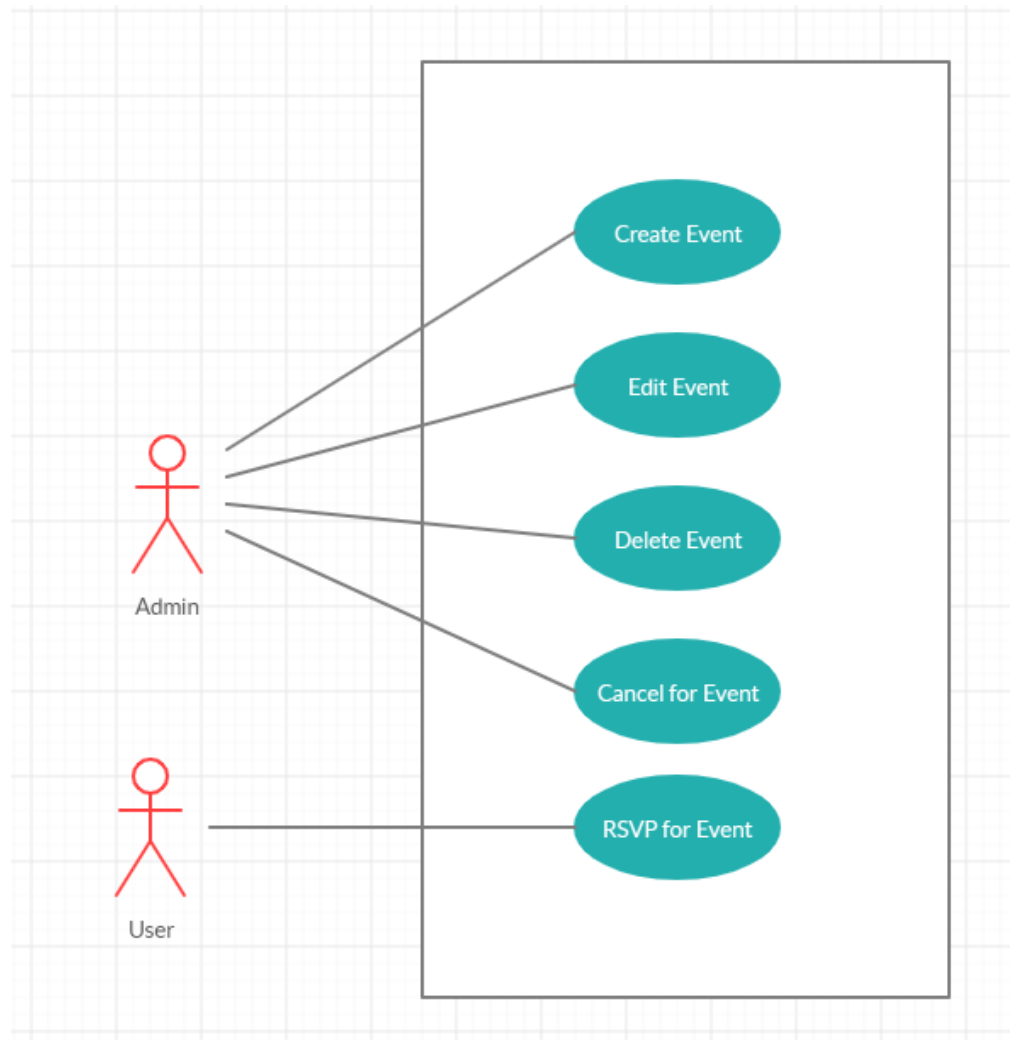
#### 5.1 Denied or Accepted

After staff Accepts an application an email will be sent to the recipient's email address congratulating them on their acceptance. If a staff denies recipient application, an email will be sent with proper reason on why they have been denied.

**Use Case Diagrams:** This model will conclude the functions that will be used by the administrator at Office of R&I and the functions be everyone else.

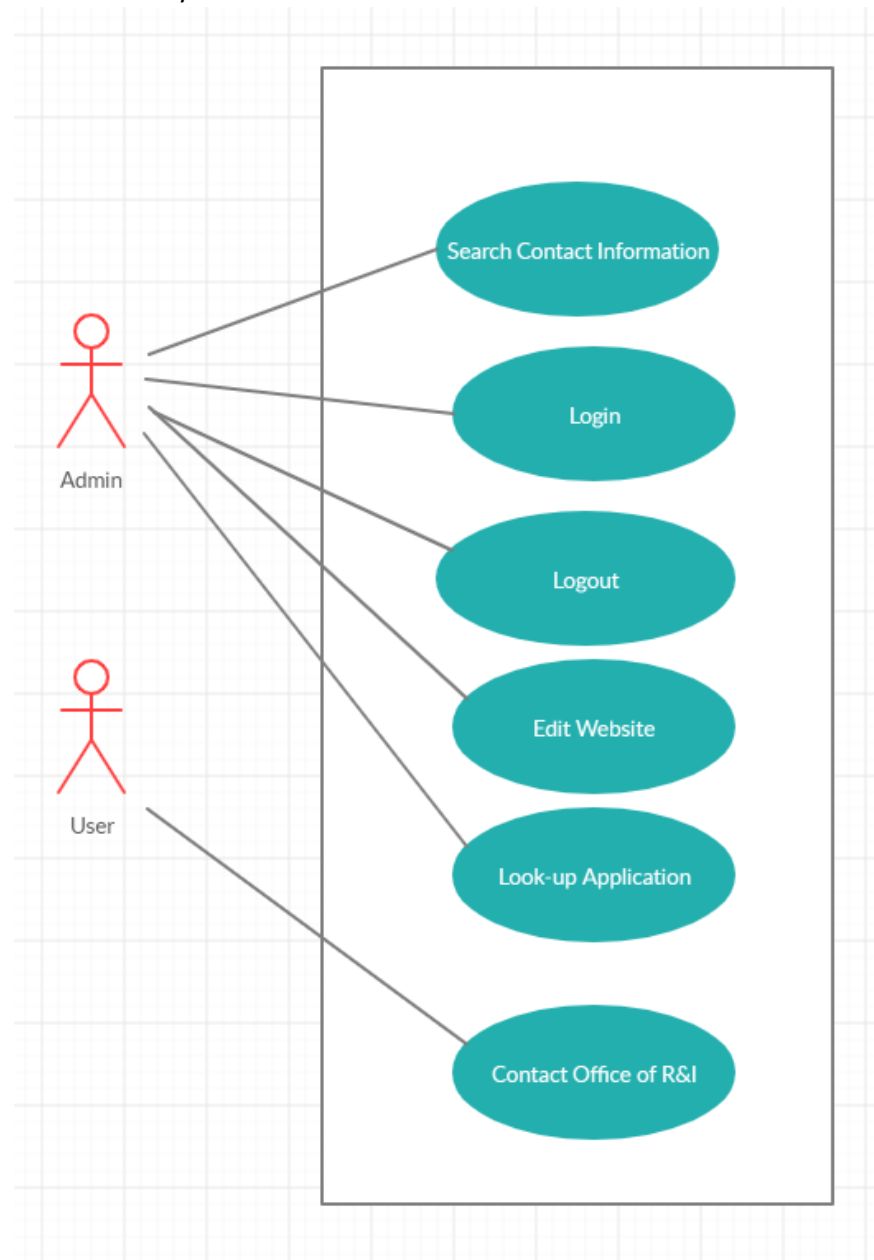
**Admin creates, edits, delete and cancel events, student RSVP for an event.**

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	



Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

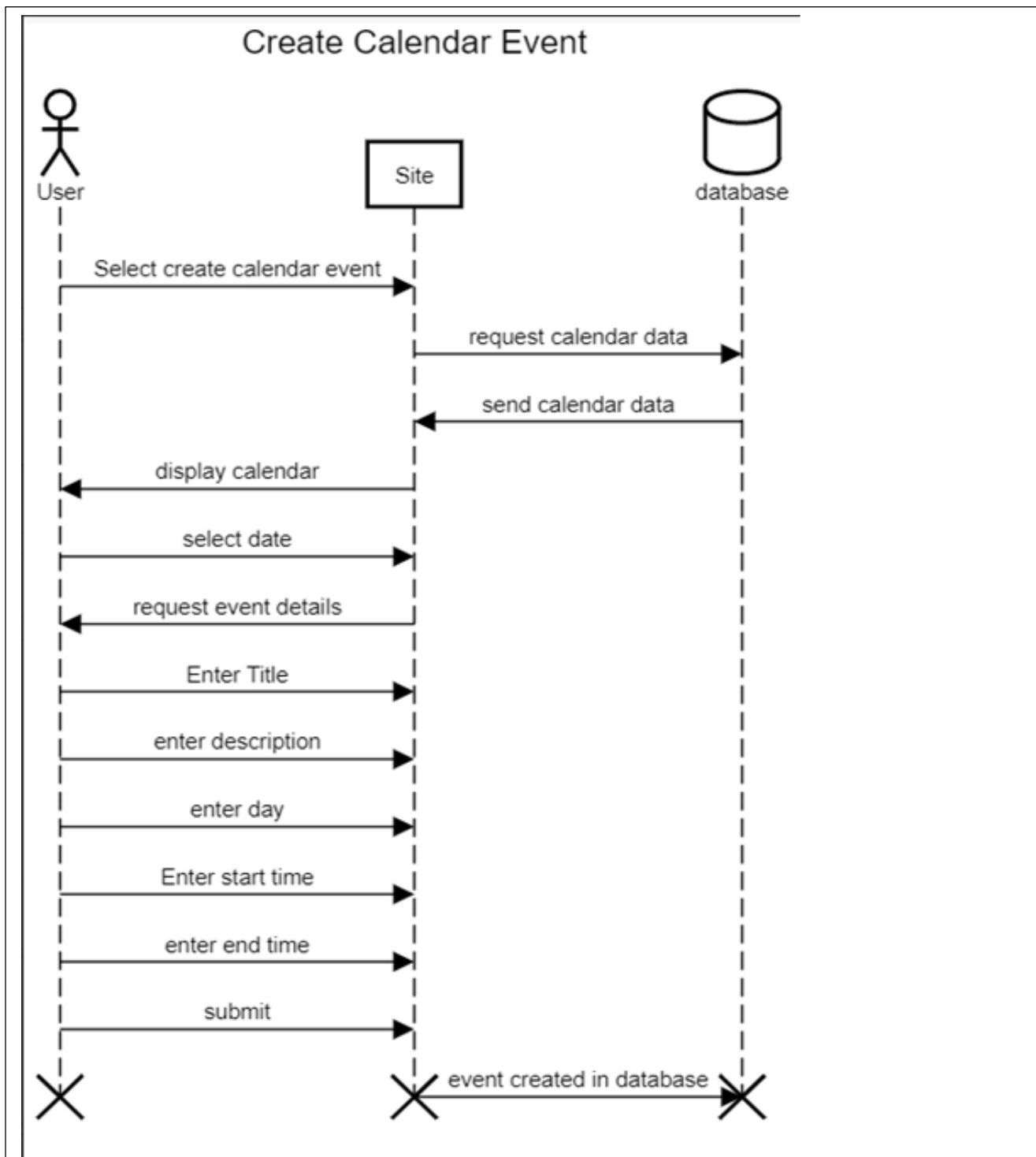
Use Case Diagrams: This model will conclude the web interaction functions that will be used by the administrator and students.





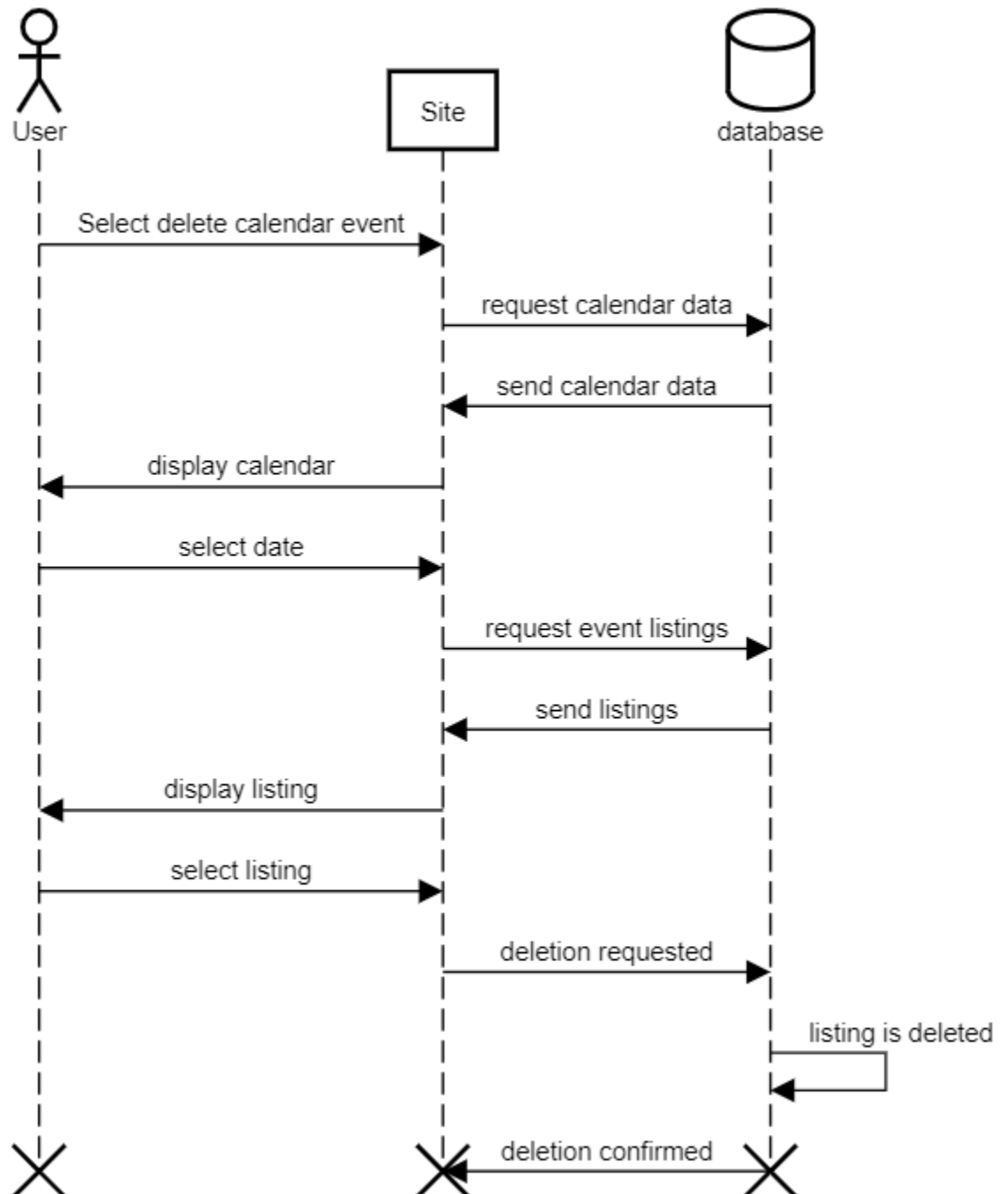
Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

**Sequence Diagrams:** are behind the scenes interaction that gets carried out, for example the actor(admin) wants to login when login button is clicked, there will be an object oriented code communications between the database and the site, once processed it will display the results to the user. Through the site using the database or the cloud.

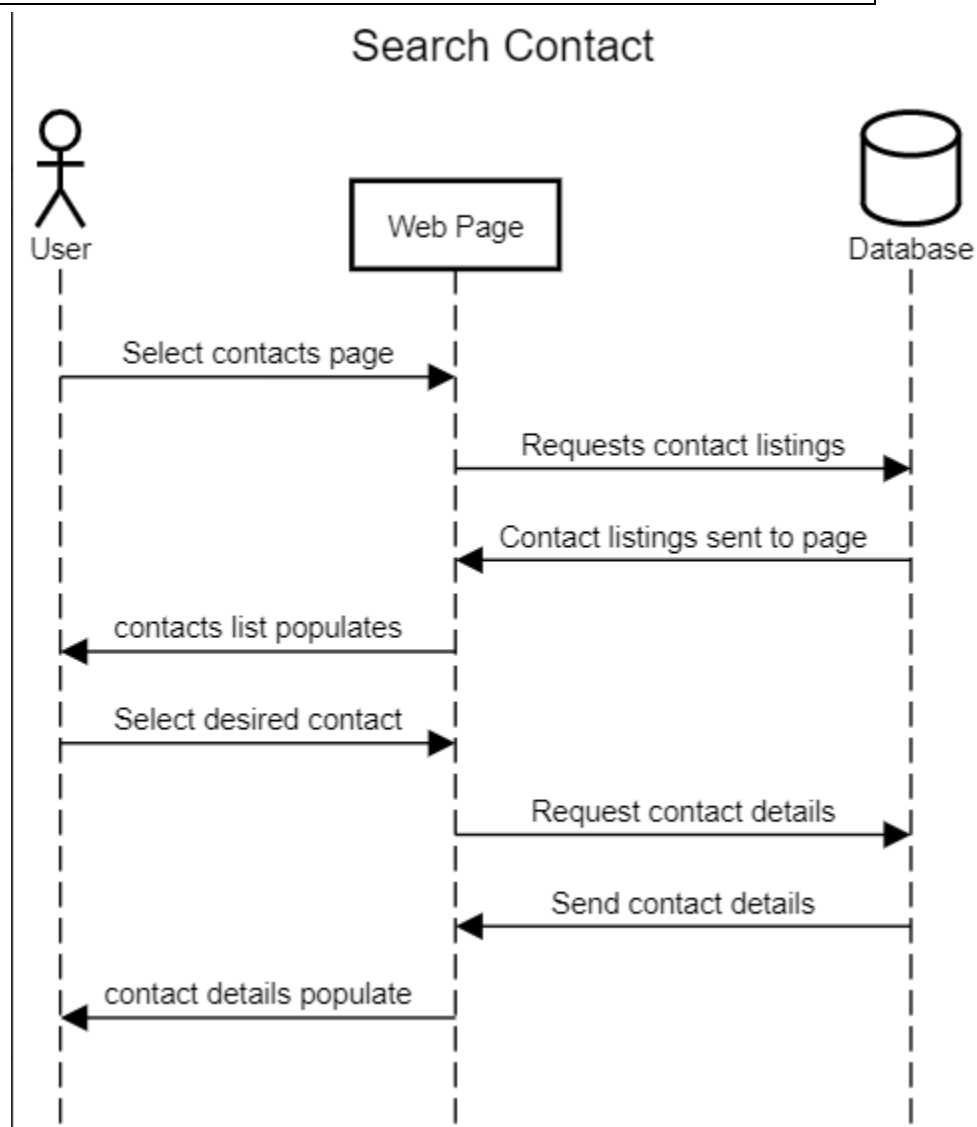


Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

## Delete Calendar Event

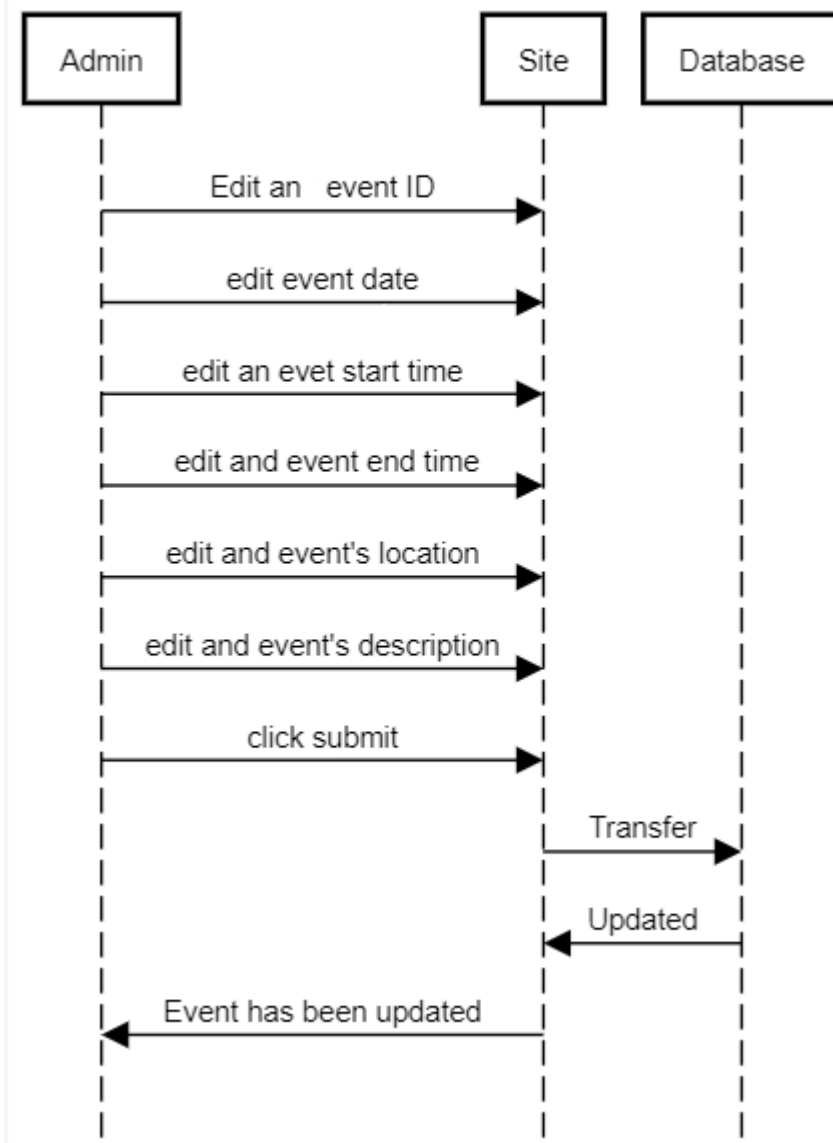


Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

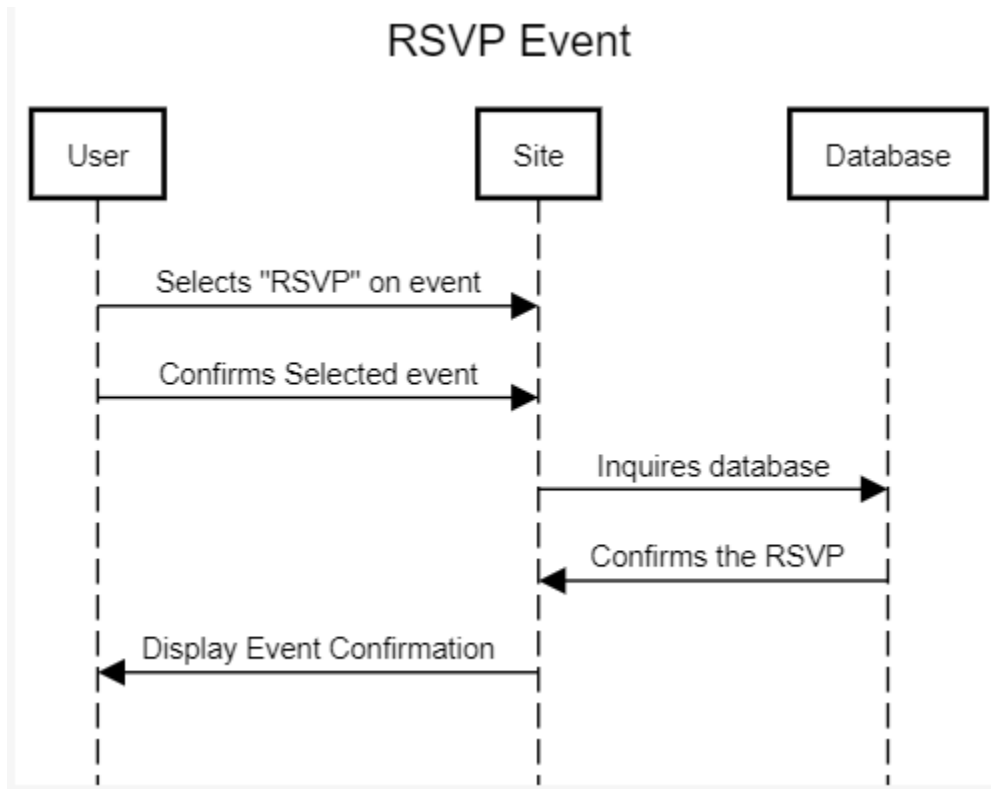


Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

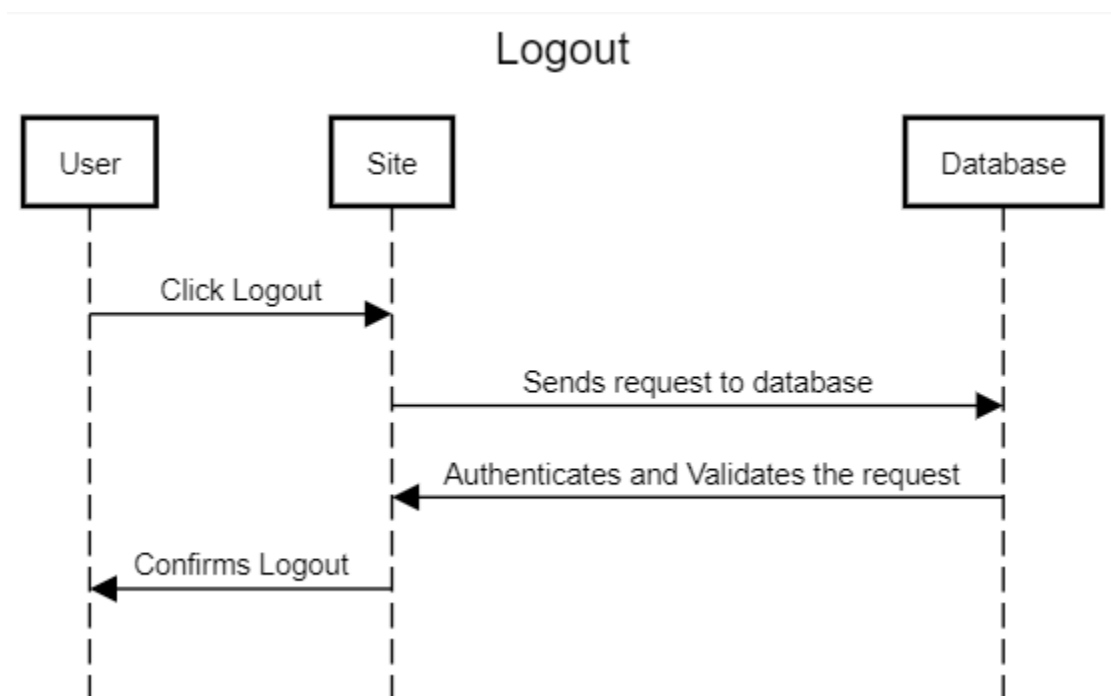
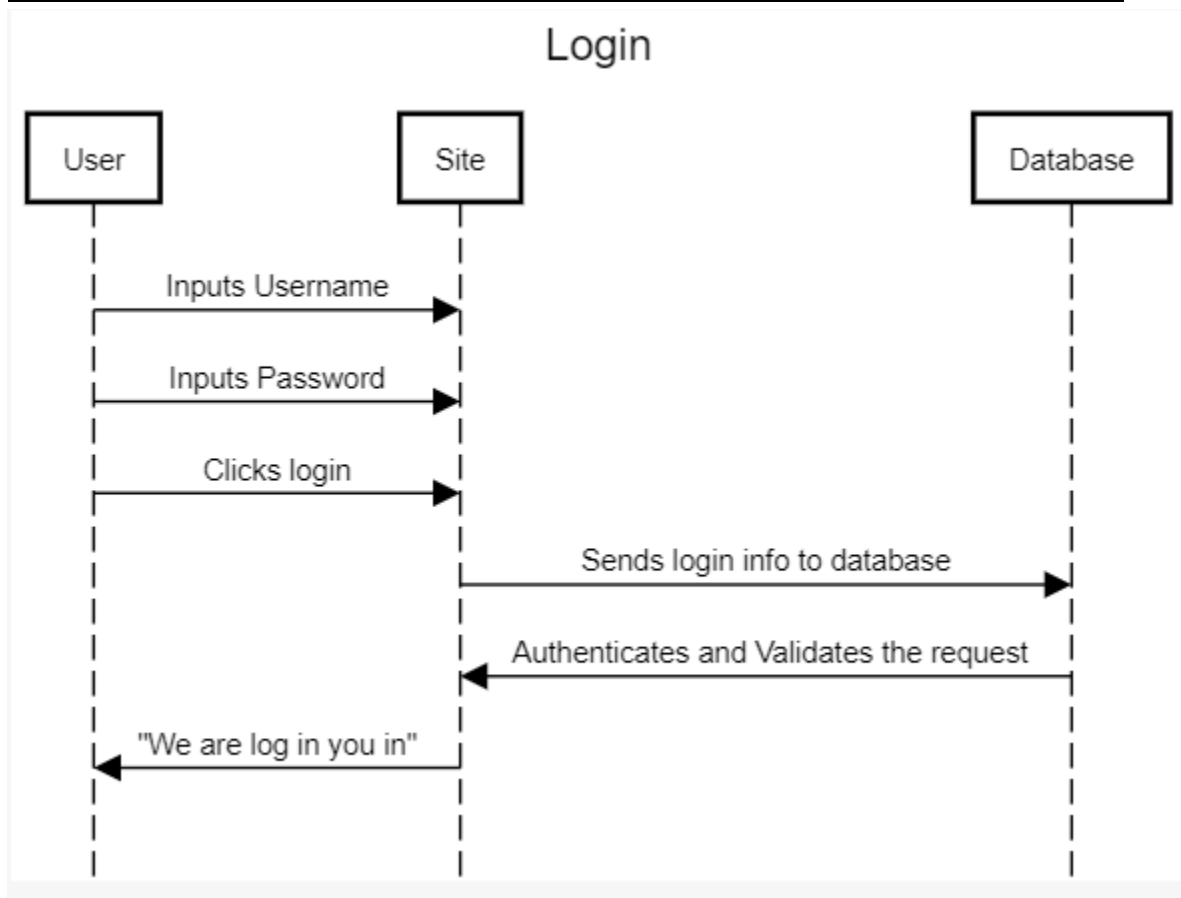
## Edit event



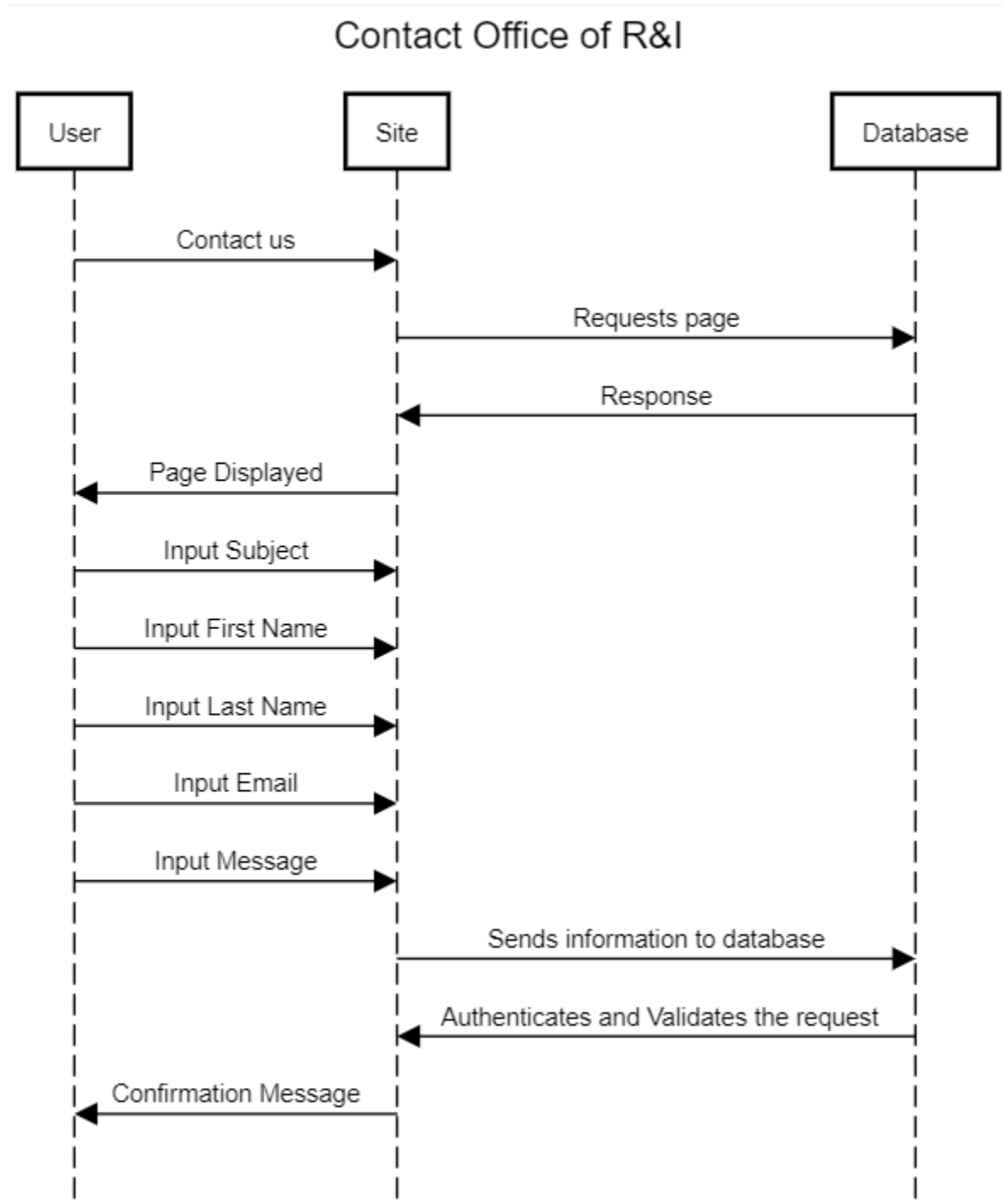
Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	



Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

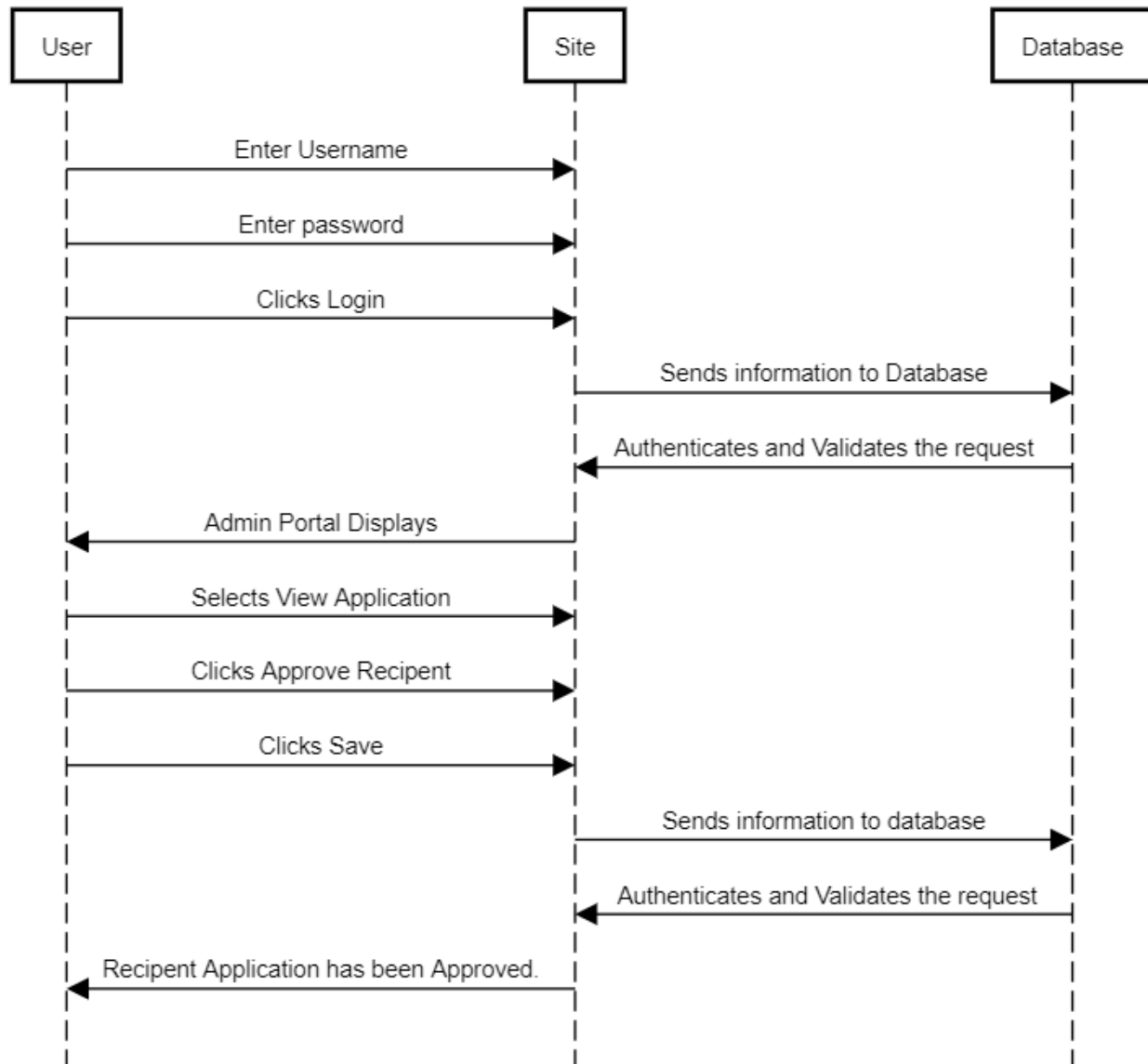


Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	



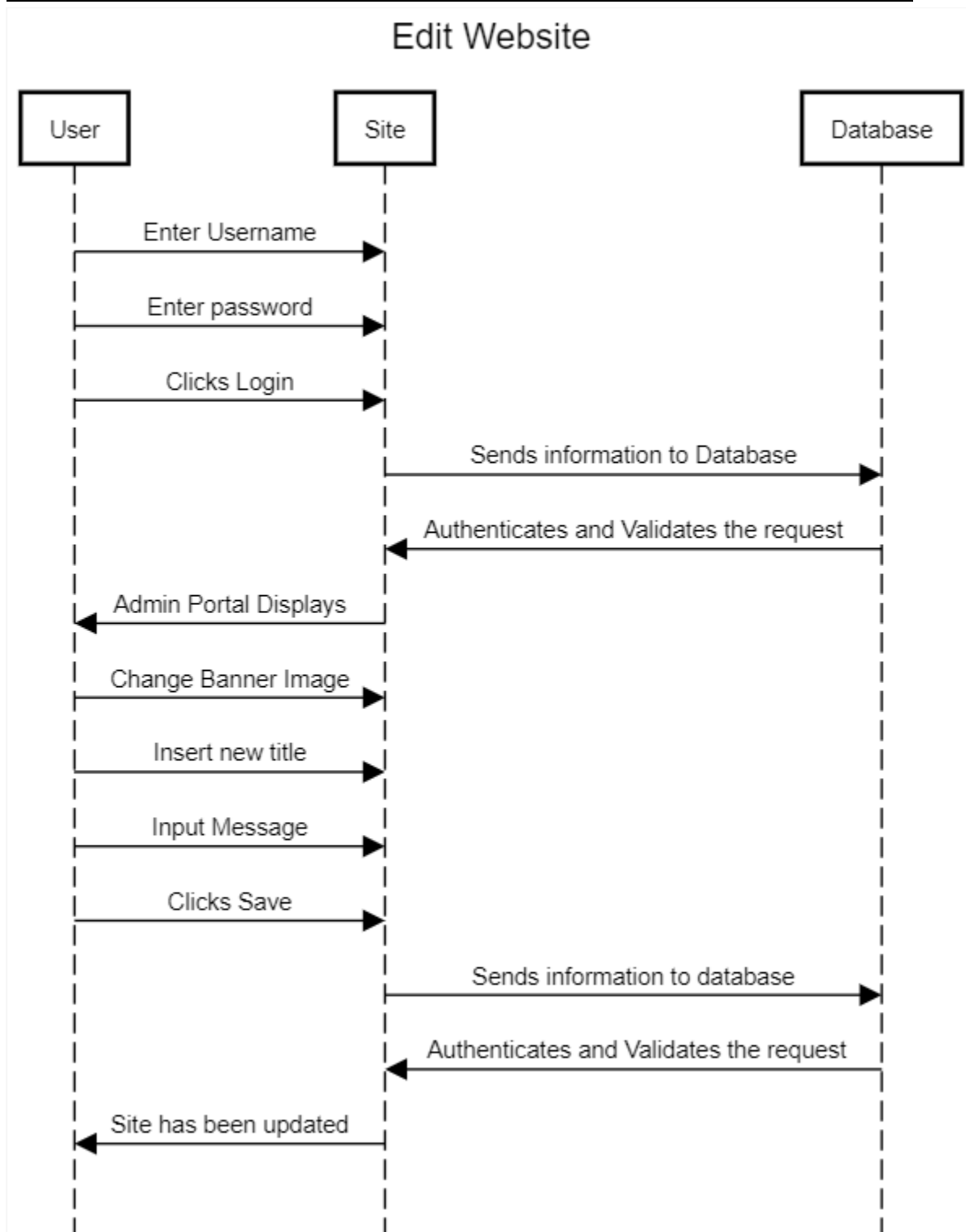
Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

## look-up application





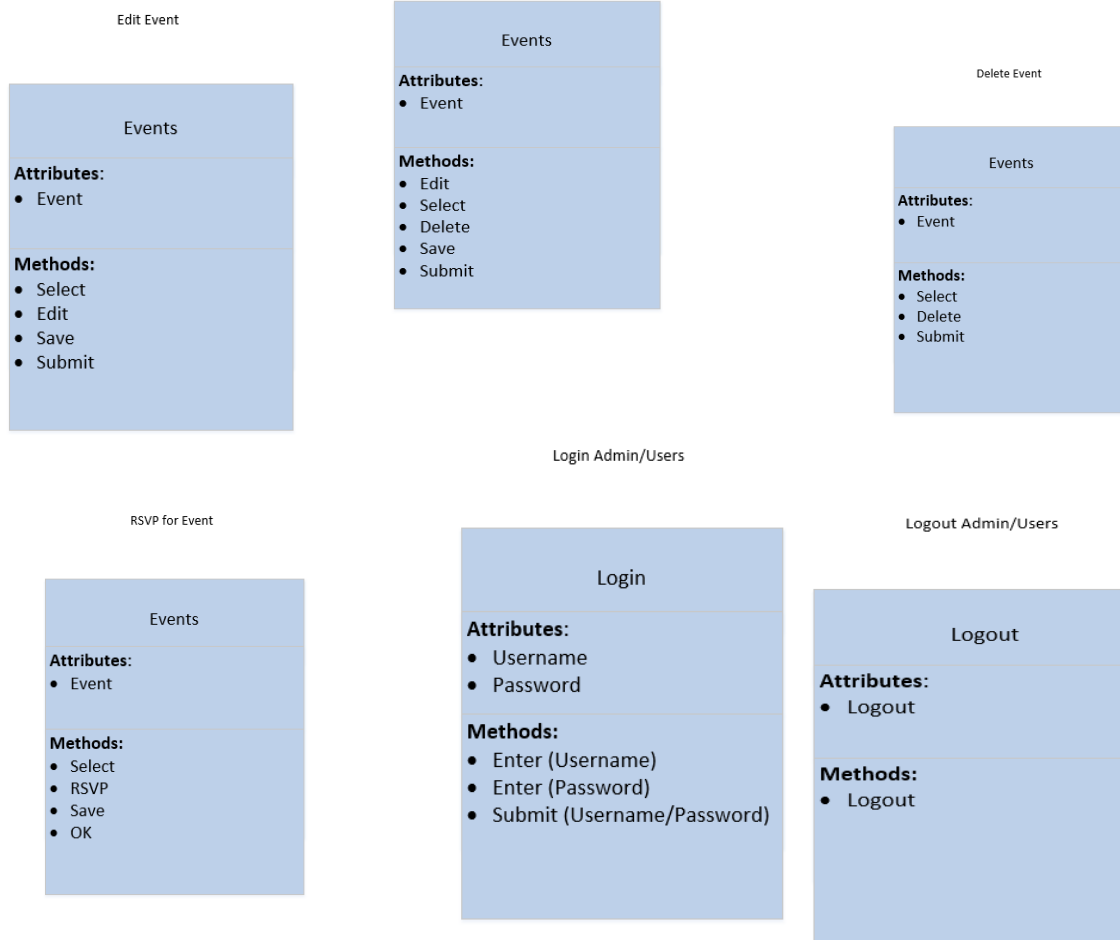
Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	



Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

**Class Diagrams:** Actions must be performed by interacting with the system in which these actions are stored in the attribute class, and the user can perform the actions(methods) as they interact with the system.

Create a Event



Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

Contact Office of R&I

Edit Website

Contact us
<b>Attributes:</b> <ul style="list-style-type: none"> <li>Contact us</li> </ul>
<b>Methods:</b> <ul style="list-style-type: none"> <li>Enter (First Name)</li> <li>Enter (Last Name)</li> <li>Enter (Email)</li> <li>Enter (Subject)</li> <li>Enter (Message)</li> <li>Send</li> </ul>

Edit Website
<b>Attributes:</b> <ul style="list-style-type: none"> <li>Edit Website</li> </ul>
<b>Methods:</b> <ul style="list-style-type: none"> <li>Enter (Username)</li> <li>Enter (Password)</li> <li>Submit (Username/Password)</li> <li>Edit Page</li> <li>Add</li> <li>Remove</li> <li>Insert</li> <li>Drag</li> <li>Save</li> <li>Submit</li> </ul>

Look-up Application

Look-up Application
<b>Attributes:</b> <ul style="list-style-type: none"> <li>Look-up Application</li> </ul>
<b>Methods:</b> <ul style="list-style-type: none"> <li>Enter (Username)</li> <li>Enter (Password)</li> <li>Submit (Username/Password)</li> <li>Applications</li> <li>Review</li> <li>Accept (Recipient)</li> <li>Deny</li> <li>Save</li> <li>Submit</li> </ul>

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

## Prototypes:

### Create an Event

R&I Logo

[Home](#)
[About](#)
[Research](#)
[Industry](#)
[Students](#)
[Community](#)

Event Form

Event Title\*

Event Start Time\*

Event Location\*

Event End Time\*

About Event Info\*

Select Event Date\*

◀

March 20

▶

M	T	W	T	F	S	S
						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					

Attach Picture

Picture 1

Picture 2

Submit

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

## RSVP for an Event

Events

<http://louisville.edu/research/RSVP-Event>

<

March 2020

>

Mo	Tu	We	Th	Fr	Sa	Su
		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

Find event

iRIS Workshops: ADF, IRB, eProposals

RSVP

Confirmation
















Confirmed! Please look for a confirmation email shortly. Thank you!






















OK

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

## Edit and Delete an Event

below shows what an administrator might see when editing and deleting an event. The first widget is used to quickly delete an event by clicking the 'x' button on the right-hand side of each event. The other symbol is used to edit an event. It will let the administrator edit the event title. The second image is the event editor. It is a more detailed editor that lets the administrator make sweeping changes to an event.

Events	
 Event 1	 
 Event 2	 
 Event 3	 
 Event 4	 
 Event 5	 

Event Editor						
Event Title 	Event Date 	Event Start Time 	Event End Time 	Location 	Picture 	
Event Info 						
Event Title 	Event Date 	Event Start Time 	Event End Time 	Location 	Picture 	
Event Info 						
Event Title 	Event Date 	Event Start Time 	Event End Time 	Location 	Picture 	
Event Info 						

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

#### Contact us

This prototype demonstrates the contact us form that students and visitors can use to contact the Office of Research and Innovation.

Contact

https://louisville.edu/research/contact-us

## Contact

Name

Email

Subject

Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

## Login

This Prototype demonstrates what an administrator interface looks like when accessing the admin portal.

Login

https://louisville.edu/research/adminportal

# Login

Email

Password

[Forgot password?](#)

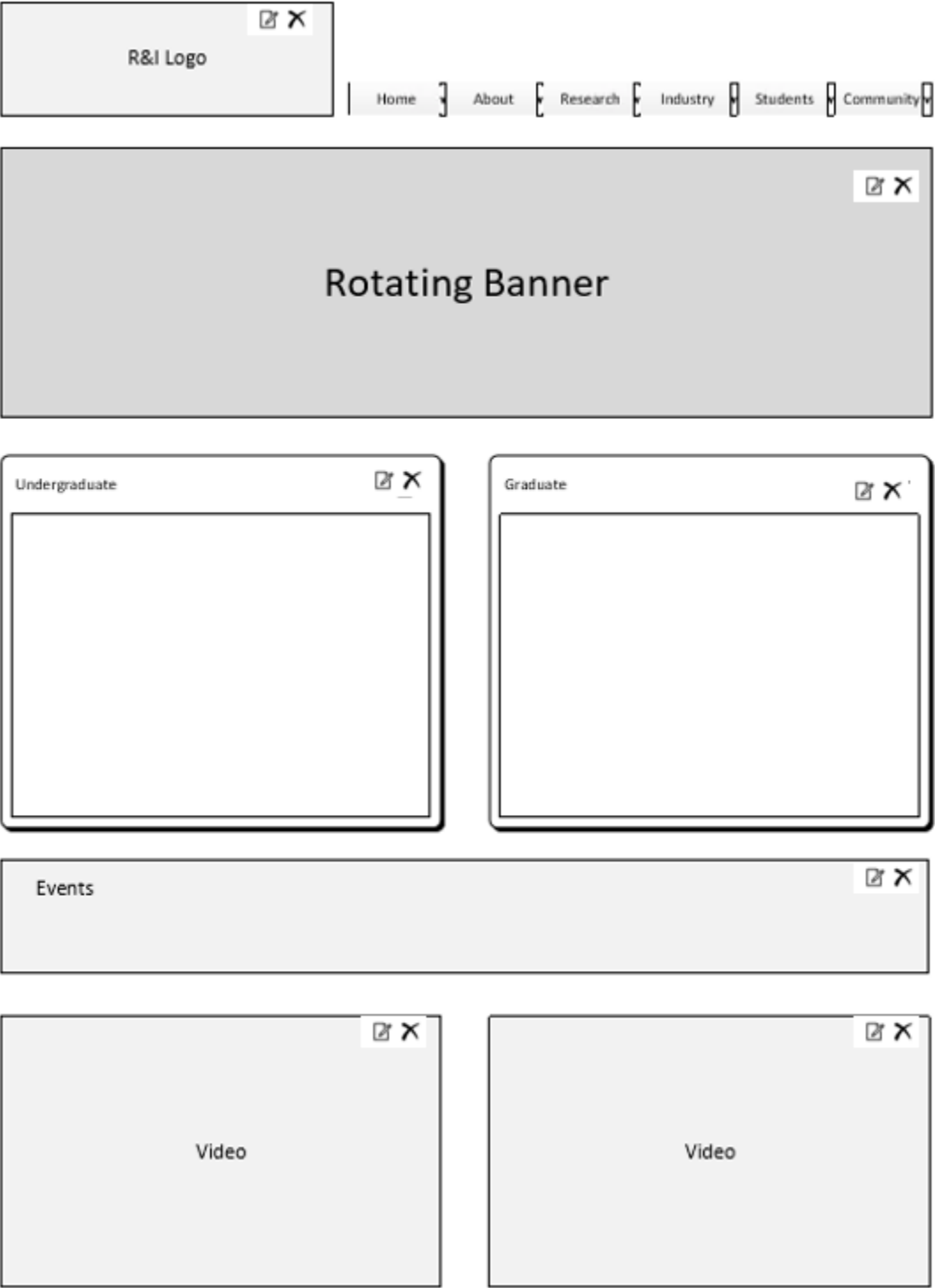
[Forgot email?](#)

Login



Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

Edit Website



Assignment 3	Version: 1.0
	Date: 24/March/20
Mohammed Al Madhi	

Review Applications

Applications

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http://louisville.edu/research/Review\_Applications

Applications

Review Applications:

Names	Description:	
Mohammed Al Madhi	Qualifications: xxxxxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxxxxxxxxx	Approve ▼
John Doe	Qualifications: xxxxxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxxxxxxxxx	Deny ▼

Submit