

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
Scott Pettyjohn, Meelan Mishra, Nathan Moran, Mohammed Al Madhi, Robert Burch, Joseph Baxter	

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

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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

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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

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Use Case Specification: Create Survey

16. Create Survey

16.1 Brief Description

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

17. Flow of Events

17.1 Basic Flow

- Admin selects "Create Survey"
- Admin inputs survey Title
- Admin inputs necessary survey Questions
- Admin selects "Submit"

18. Special Requirements

18.1 System runs on desktops, mobile devices, and tablets

18.2 System runs on windows and mac operating systems

19. Pre-conditions

19.1 Website supports surveys

19.2 User is already logged in to the user profile

19.3 System must be up and running

20. Post-conditions

20.1 System gives users the option to take survey

20.2 System accepts the survey from users

20.3 System can create reports off the survey

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Use Case Specification: Edit Survey

21. Edit Survey

21.1 Brief Description

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

22. Flow of Events

22.1 Basic Flow

- Admin selects "Edit Survey"
- Admin selects survey to edit
- Admin inputs new questions or information
- Use case ends

23. Special Requirements

23.1 Database that holds survey information

23.2 System runs on desktops, mobile devices, and tablets

23.3 System runs on windows and mac operating systems

24. Pre-conditions

24.1 There are existing surveys on the site

24.2 System must be up and running

25. Post-conditions

25.1 System updates the surveys with new information

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Use Case Specification: Delete Survey

26. Delete Survey

26.1 Brief Description

This use case describes how an administrator would delete a survey from the R&I website

27. Flow of Events

27.1 Basic Flow

- Admin selects "Delete Survey"
- Admin selects survey to be deleted
- Admin selects "Submit"

28. Special Requirements

- 28.1 Database that holds survey information
- 28.2 System runs on desktops, mobile devices, and tablets
- 28.3 System runs on windows and mac operating systems

29. Pre-conditions

- 29.1 There are existing surveys on the site
- 29.2 System must be up and running

30. Post-conditions

- 30.1 System removes that survey from the site

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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

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Use Case Specification: Cancel for Event

36. Cancel for Event

36.1 Brief Description

This use case describes how a user would cancel for an event located in the events widget, the expanded list of events, or through their user profile.

37. Flow of Events

37.1 Basic Flow

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

37.2 Alternative Flow

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

38. Special Requirements

- 38.1 Database that holds event information
- 38.2 System runs on desktops, mobile devices, and tablets
- 38.3 System runs on windows and mac operating systems

39. Pre-conditions

- 39.1 There are existing events on the site
- 39.2 User is already logged in to the user profile
- 39.3 System must be up and running
- 39.4 User has already RSVPed for event

40. Post-conditions

- 40.1 System removes that user as an Attendee
- 40.2 System no longer shows that the user has an RSVP for the event
- 40.3 System removes the event on a user calendar

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Use Case Specification: Look Up Core Facilities

41. Look Up Core Facilities

41.1 Brief Description

This use case describes how a user would look up core facilities on the R&I website.

42. Flow of Events

42.1 Basic Flow

- User selects "For Researchers" tab
- User selects "Core Facilities"
- User selects
- Use case ends

43. Special Requirements

43.1 System runs on desktops, mobile devices, and tablets

43.2 System runs on windows and mac operating systems

44. Pre-conditions

44.1 There is an existing section populated with the core research facilities

44.2 System must be up and running

45. Post-conditions

45.1 System allows users to look at each facility

45.2 System displays pictures relevant to each facility

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Use Case Specification: <Create Announcement>

46. Create Announcement

46.1 Brief Description

User creates announcement page to be displayed in the announcements list

47. Flow of Events

47.1 Basic Flow

- User selects the create announcement option in the administrative tab
- Enter announcement title
- Enter announcement text body
- Enter announcement post date
- Enter announcement post time
- Enter announcement automatic deletion date
- Submit
- Redirect to blank create announcement template
- Use case ends

48. Special Requirements

49. Pre-conditions

49.1 Database containing announcement data is online

49.2 Website is online

49.3 User has administrative privileges

50. Post-conditions

51. Extension Points

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Use Case Specification: <Create Grant>

52. Create Grant

52.1 Brief Description

User creates grant information posting

53. Flow of Events

53.1 Basic Flow

- Select Create Grant from administrative tab
- Enter Grant title
- Enter grant issuer
- Enter grant Amount
- Enter grant description
- Enter grant application due date
- Submit
- Redirect to administrative tab
- Use case ends

53.2 Alternative Flows

54. Special Requirements

55. Pre-conditions

55.1 Website is online

55.2 Grants database online

55.3 User has administrative privileges

56. Post-conditions

57. Extension Points

Iteration 3	Version: 1.0
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Use Case Specification: <Create Newsletter post>

58. Create Newsletter post

58.1 Brief Description

User will draft a newsletter post which will then be emailed to all addresses that have signed up.

59. Flow of Events

59.1 Basic Flow

- Select New Newsletter from the administrative tab
- Enter title
- Enter text body
- Select send date
- Submit
- Use case ends

59.2 Alternative Flows

60. Special Requirements

61. Pre-conditions

61.1 User has administrative privileges

61.2 Website is online

61.3 Newsletter email database is online

61.4 Website is online

62. Post-conditions

63. Extension Points

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Use Case Specification: <Delete Announcement>

64. Delete Announcement

64.1 Brief Description

User deletes pre-existing announcement

65. Flow of Events

65.1 Basic Flow

- User selects the delete announcement option in the administrative tab
- Select announcement from list of all announcements
- Confirm deletion
- Use case ends

66. Special Requirements

67. Pre-conditions

67.1 Database containing announcement data is online

67.2 Website is online

67.3 User has administrative privileges

68. Post-conditions

69. Extension Points

Iteration 3	Version: 1.0
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Use Case Specification: <Delete Grant>

70. Edit Grant

70.1 Brief Description

User deletes pre-existing grant posting

71. Flow of Events

71.1 Basic Flow

- Select Delete Grant from administrative tab
- Confirm deletion
- Use case ends

71.2 Alternative Flows

72. Special Requirements

73. Pre-conditions

73.1 Website is online

73.2 Grants database online

73.3 User has administrative privileges

74. Post-conditions

75. Extension Points

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Use Case Specification: <Edit Announcement>

76. Edit Announcement

76.1 Brief Description

User edits a pre-existing announcement post

77. Flow of Events

77.1 Basic Flow

- User selects the edit announcement option in the administrative tab
- Select announcement from announcements list
- Enter announcement title
- Enter announcement text body
- Enter announcement post date
- Enter announcement post time
- Enter announcement automatic deletion date
- Submit
- Redirect to administrative tab
- Use case ends

78. Special Requirements

79. Pre-conditions

79.1 Database containing announcement data is online

79.2 Website is online

79.3 User has administrative privileges

80. Post-conditions

81. Extension Points

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Use Case Specification: <Edit Grant>

82. Edit Grant

82.1 Brief Description

User creates grant information posting

83. Flow of Events

83.1 Basic Flow

- Select Edit Grant from administrative tab
- Select from list of all grants
- Enter Grant title
- Enter grant issuer
- Enter grant Amount
- Enter grant description
- Enter grant application due date
- Submit
- Redirect to administrative tab
- Use case ends

83.2 Alternative Flows

84. Special Requirements

85. Pre-conditions

85.1 Website is online

85.2 Grants database online

85.3 User has administrative privileges

86. Post-conditions

87. Extension Points

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Use Case Specification: <Edit/Resend Newsletter post>

88. Edit/Resend Newsletter post

88.1 Brief Description

User will edit and resend updated newsletter. This will allow for users to make quick corrections to already sent newsletter posts

89. Flow of Events

89.1 Basic Flow

- Select Edit/Resend Newsletter from administrative tab
- Select pre-existing newsletter post from previous newsletters
- Enter title
- Enter text body
- Select send date
- Submit
- Use case ends

89.2 Alternative Flows

90. Special Requirements

91. Pre-conditions

91.1 User has administrative privileges

91.2 Website is online

91.3 Newsletter email database is online

91.4 Website is online

92. Post-conditions

93. Extension Points

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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

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Use Case Specification: <Access Research Statistics>

98. Access Research Statistics

98.1 Brief Description

Users will search for reports pertaining to results of previous research projects

99. Flow of Events

99.1 Basic Flow

- User will select the research statistics page from the home directory
- Users will arrive at a page listing all projects with released information
- Users will select desired research project
- User will arrive at the project page
- Users will select from the reports available
- User will arrive at a page containing the report requested
- Use case ends

99.1.1 Alternative Flow

- User will select the research statistics page from the home directory
- Users will arrive at a page listing all projects with released information
- Users will type keywords into the search bar
- Users will select desired research project
- User will arrive at the project page
- Users will select from the reports available
- User will arrive at a page containing the report requested
- Use case ends

100. Special Requirements

100.1 Research Result Database

101. Pre-conditions

101.1 System Online

101.2 Database Online

101.3 Database Updated

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Meelan Mishra

Use Case: Create survey report

Create survey report

This use case describes how users can create the survey reports.

Basic Flow:

- User select the survey reports option in research tab
- Enter survey title.
- Enter survey text
- Enter survey Dates
- Enter posted time
- Summit
- Survey created
- End use case

Alternative flow:

- User select the survey reports option in research tab
- User leave one field blank
- User summit
- Error message “Field cannot be blank”
- User field the blank
- User summit
- Message “Approve”

System Requirement:

Websites must be built in software and databases which allow users to edit the field.

Pre-condition

Users must have valid email to access the site.

Post-Condition

Survey is created.

Use Case: Edit Survey report

Edit survey report

This use case describes how users will edit survey reports.

Basic Flow:

- User click on create survey report in research tab
- User click on edit tab on the side of field
- Update or enter the new survey title
- Enter the new survey text
- Enter new survey Date

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- Enter new survey time
- Summit
- Survey updated

Alternative flow:

- User clicks on create survey report in research tab
- User click on edit tab on the side of field
- User enter the new survey text
- User leave others field same
- User summit
- Error message “survey is not edited”
- User edit all the tab
- Message “survey edited”

System Requirement:

Websites must be built in software and databases which allow users to edit the field.

Pre-Condition:

Users must have the previous survey.

Post-Condition:

Survey is edited.

Use Case: Delete survey report

Delete survey report

This use case describes how users will delete survey reports that were posted by them and want to remove.

Basic Flow:

- User click on create survey report in research tab
- User clicks on the delete under the survey reports
- Message “Do you want to delete” Yes or No
- User click on yes
- Message “survey deleted”
- End use case

Alternative Flow:

- User click on create survey report in research tab
- User clicks on the delete under the survey reports
- Message “Do you want to delete” Yes or NO
- User clicks on No

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- Survey remains same
- End use case

System Requirement:

Websites must be built in software and databases which allow users to edit the field.

Pre-condition:

There must be a survey already.

Postcondition:

survey deleted.

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.

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

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- 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

Use Case: Create user profile

Create user profile

This use case describe how users can create their user profile

Basic Flow:

- User goes to university of Louisville Research and Innovation website
- User click on home page
- User clicks down on create user profile
- User enter First Name, Last Name, Date of birth, Security Question in the field
- User enter user id
- User enter password
- User conform password
- User click on create my profile
- Message “successfully Created”
- End use case

Alternative Flow:

- User click on home page
- User clicks down on create user profile
- User enter First Name, Last Name, Date of birth, Security Question in the field
- User enter user id
- User enter password
- User conform password
- User missed to enter some information

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- User click on create my profile
- Message “One or more field in not fill out”
- User fill all the required field
- Message “successfully Created”

System Requirement:

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

Pre-Condition

User profile was not created

Post-Condition

User profile created

Use Case: Edit User profile

Edit User profile

This use case describe how users can

Basic Flow:

- User click on home page
- User clicks on my Account
- User click on edit my profile
- User can edit First Name, Last Name, Date of birth, Security Question in the field
- User can edit user id
- User can edit password
- User click on create my profile
- Message “changed successfully”
- End use case

Alternative Flow:

- User click on home page
- User clicks on my Account
- User click on edit my profile
- User click on create user profile
- Message “No Changes”

System Requirement:

Websites must be built in software and databases which allow users to edit the field.

Pre-condition:

the user must have a profile and be able to login.

Postcondition:

User account

Use Case: Delete User Profile

Delete User Profile

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This use case describes how users can delete user profiles.

Basic Flow:

- User click on home page
- User clicks on my Account
- User click on delete my profile
- Message “Do you want to delete your profile?”
- User click Yes
- Message “profile deleted”
- Profile deleted from database
- User receive confirmation email
- End use case

Alternative Flow:

- User click on home page
- User clicks on my Account
- User click on delete my profile
- Message “Do you want to delete your profile?”
- User click NO
- Message “Ok”

System Requirement:

Websites must be built in software and databases which allow users to edit the field.

Pre-condition:

Users must have a user account logged in.

Postcondition:

User profile deleted from the database.

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Use Case Specification: Contact UofL Office of Research and Innovation

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

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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.

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Use Case Specification: Edit Website

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.

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.

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Post-Condition

Website is updated successfully with the new requirement.

Use Case Specification: Look up applications

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

3. Special Requirement

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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.

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Use Case Specification: Look up events

1. Look up Events

1.1 Brief Description

This use case describes how students, visitors and staff can look up the events on the University of Louisville Office of Research and Innovation's Website.

2. Flow of Events

2.1 Basic Flow

- User clicks "Search" from drop menu
- User Selects "Events"
- User Types in an event keyword in search bar.
- User Clicks "Search"
- User Clicks on event result
- User gets directed to the event.

2.2 Alternative Flow

- User clicks "Search" from drop menu
- User Selects "Events"
- User Types in an unknow event title in the search bar.
- User Clicks "Search"
- Search Results Message "There are no matching"
- User types in a correct event keyword
- User Clicks "Search"
- User Clicks on event result
- User gets directed to the event.

3. Special Requirements

Database of upcoming, current and past events.

4. Pre-conditions

4.1

Internet Access is required, and user must be on UofL Office of R&I site.

5. Post-condition

5.1

User gets directed to the event once search result has been clicked.

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Use Case Specification: Look up search history

1. Look up search history

1.1 Brief Description

This use case describes how a user, visitor view search history on the University of Louisville Office of Research and Innovation's Website.

2. Flow of Events

2.1 Basic Flow

- User clicks on the "Search bar"
- Search history appears

2.2 Alternative Flows

- User clicks on the "Search bar"
- Partial of search history appears.
- User enters a keyword.
- Search history with the specified keyword appears.

3. Special Requirement

3.1 Database, Script or software.

Database, script and or special software that can save visitors search history.

4. Pre-condition

User must have had few searches before viewing search history.

5. Post-condition

User's search history appears

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Use Case Specification: Look up grants

1. Look up Grants

1.1 Brief Description

This use case describes how a student at the University of Louisville can look for grants using Office of Research and Innovation's Website.

2. Flow of Events

2.1 Basic Flow

- Student Clicks "Research Support" from the navigation.
- User clicks "Find Funding" option in the drop menu.
- User click "Federal Grants" user get directed to federal grants page
- List of all Federal agency's grants appear
- User clicks on specified Grant Agencies.
- User gets directed to the site.

2.2 Alternative Flows

3. Special Requirement

User must be a student at the UofL to be eligible for funds.

4. Pre-condition

4.1 Web Access

Web access is required to access the Office of Research and Innovation's Website.

4.2 Grants availability

Grants must be available in order to apply for.

5. Post-condition

5.1 Grants Application Accepted

Once a student gets directed to grants agencies site, if the students get the grants School must be notified by the agencies.

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Use Case Specification: Browse Social Media

1. Browse Social Media

1.1 Brief Description

The purpose of this case is to allow students and visitors to browse the University of Louisville Office of Research and Innovation's Social Media.

2. Flow of Events

2.1 Basic Flow

- User Scrolls until sees "Connect With:"
- User Clicks Facebook logo "F"
- User gets directed to Office of R&I Page

2.2 Alternative Flow

2.2.1 Twitter

- User Scrolls until sees "Connect With:"
- User Clicks Twitter logo.
- User gets directed to Office of R&I twitter Page

2.3 Alternative Flow

2.2.2 LinkedIn

- User Scrolls until sees "Connect With:"
- User Clicks LinkedIn Logo "in"
- User gets directed to Office of R&I LinkedIn Page

3. Special Requirements

4. Pre-conditions

4.1 Web Access

Web access is required to access the Office of Research and Innovation's Website.

5. Post-conditions

4.2 User Browse Social Media

Once user clicks the preferred social media source, then the user can browse Office of R&I posts and status updates.

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Use Case Specification: Follow Social Media

1. Follow Social Media

1.1 Brief Description

The purpose of this case is to allow students and visitors to follow the University of Louisville Office of Research and Innovation's on Social Media.

2. Flow of Events

2.1 Basic Flow

- User Scrolls until sees "Connect With:"
- User Clicks Facebook logo "F"
- User gets directed to Office of R&I Page
- User will be asked to sign-in to Facebook
- User clicks "Like Page" to Follow the page on Facebook

2.2 Alternative Flow

2.2.1 Twitter

- User Scrolls until sees "Connect With:"
- User Clicks Twitter logo.
- User gets directed to Office of R&I twitter Page
- User will be asked to sign-in Twitter
- User clicks "Follow" to follow the page on Twitter

2.2.2 LinkedIn

- User Scrolls until sees "Connect With:"
- User Clicks LinkedIn Logo "in"
- User gets directed to Office of R&I LinkedIn Page
- User will be asked to sign-in to LinkedIn
- User Clicks "Follow" to follow the page on LinkedIn

3. Special Requirement

3.1 Social Media Account

User must have an account in their preferred social media site that they would like to follow.

4. Pre-condition

4.1 Internet access

Internet Access is required to access the Office of Research and Innovation's Social media sites

4.2 Valid Account

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Valid Social Media Account must exist before attempting to follow us on any social media account

5. Post-condition

Students and visitors can follow Office of Research and Innovation's on Social Media for updates.

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Use Case Specification: <Delete User Profile>

1. Delete User Profile

1.1 Brief Description

This use case describes how a user can delete their profile.

2. Flow of Events

2.1 Basic Flow

- Login to Research and Innovation Website
- Click on “Profile Settings”
- Click on “Delete Profile”
- Confirmation box appears: “Are you sure you want to delete your profile?”
- Click on “Yes”

2.2 Alternate Flow

- Login to Research and Innovation Website
- Click on “Profile Settings:
- Click on “Delete Profile”
- Confirmation box appears: “Are you sure you want to delete your profile?”
- Click on “No”
- Confirmation box disappears

3. Special Requirements

4. Pre-Conditions

4.1 User has account

4.2 User is logged into account

5. Post-Conditions

5.1 User profile is deleted

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Use Case Specification: <Edit Rotating Banner>

1. Edit Rotating Banner

1.1 Brief Description

This use case describes how a website admin can edit the rotating banner.

2. Flow of Events

2.1 Basic Flow

- Login to admin account
- Go to main webpage
- Click the “Edit” button on the rotating banner.
- Click “Add” button
- Select which photo or video to add
- Click “Save”

2.2 Alternate Flow

- Login to admin account
- Go to main webpage
- Click the “Edit” button on the rotating banner.
- Click the “X” above a photo
- Click “Save”

3. Special Requirements

4. Pre-Conditions

4.1 User is logged in

4.2 User has administrative privileges

5. Post-Conditions

5.1 Banner has been updated with new photo or video

5.2 Banner has had

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Use Case Specification: <Login to iRIS>

1. Login to iRIS

1.1 Brief Description

User creates announcement page to be displayed in the announcements list

2. Flow of Events

2.1 Basic Flow

- Hover over the tab for researchers
- Click on “Login to iRIS”
- Enter username
- Enter password
- Click “Login”

2.2 Alternate Flow

2.2.1 Incorrect Username or Password

- Hover over the tab for researchers
- Click on “Login to iRIS”
- Enter username
- Enter password
- Click “Login”
- Site Message: “Incorrect username or password”

2.2.1 Forgot Password

- Hover over the tab for researchers
- Click on “Login to iRIS”
- Click “Login Issues Link”
- Follow Prompts

3. Special Requirements

4. Pre-conditions

4.1 User is logging into iRIS

5. Post-conditions

5.1 User is logged into iRIS

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Use Case Specification: <Lookup Awards>

1. Lookup Awards

1.1 Brief Description

This use case describes how the user can find awards.

2. Flow of Events

2.1 Basic Flow

- Click on Search Bar
- Type in name of award
- Click on correct award

2.2 Alternate Flow

- Hover over the students tab
- Click on "Awards"

3. Special Requirements

4. Pre-Conditions

4.1 Award data is updated correctly

5. Post-Conditions

5.1 Award information known

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Use Case Specification: <Lookup Forms>

1. Lookup Forms

1.1 Brief Description

This use case describes how a user can lookup forms.

2. Flow of Events

2.1 Basic Flow

- Users scrolls over tabs depending on who they are.
- Click on “Forms” on the tab.
- Scroll through Form options

2.2 Alternative Flow

- Click on the Search Bar
- Type in the name of the form
- Click on form

3. Special Requirements

4. Pre-Conditions

4.1 Correct forms are updated

4.2 Forms are functioning

5. Post-Conditions

5.1 Find information on Forms

5.2 Submit Form

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Use Case Specification: <Lookup Past Research>

1. Lookup Past Research

1.1 Brief Description

This use case describes how a user can lookup past research

2. Flow of Events

2.1 Basic Flow

- Scroll over tab for researchers
- Click on Past Research
- Scroll through past research

2.2 Alternate Flow

- Click on Search Bar
- Type in name of past research
- Click on past research

3. Special Requirements

4. Pre-Conditions

4.1 Previous research is input

5. Post-Conditions

5.1 Leave with knowledge of past research

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Use Case Specification: <Submit Industry Request Form>

1. Submit Industry Request Form

1.1 Brief Description

This use case describes how a user can submit an industry request form.

2. Flow of Events

2.1 Basic Flow

- Scroll over the “Industry” tab
- Click on “Forms”
- Click on “Industry Request Form”

2.2 Alternate Flow

- Click the Search Bar
- Type “Industry Request Form”
- Click on “Industry Request Form”

3. Special Requirements

4. Pre-Conditions

4.1 Industry Request Form is working

5. Post-Conditions

5.1 Form was submitted

Iteration 3	Version: 1.0
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Use Case Specification: Accept Industry Proposal for UofL Office of Research and Innovation

102. Accept an Industry Proposal to the Office of Research and Innovation

102.1 Brief Description

This use case describes how an Administrator accepts a proposal from a business/entity on the University Research and Innovation Website which creates an opportunity for students and industry to work together on a project.

103. Flow of Events

103.1 Basic Flow

- User will click "Industry" tab
- User clicks "View Proposals" button
- User reviews all data field containing info about the proposal (Ex. Company Name, Project Topic/Project Goals, etc.)
- User clicks "Accept" button
- Confirmation Box appears: "[Proposal Name] has been accepted!"

103.2 Alternative Flows

103.2.1 "Proposal is outside of University interests"

- User will click "Industry" tab
- User clicks "View Proposals" button
- User reviews all data field containing info about the proposal (Ex. Company Name, Project Topic/Project Goals, etc.)
- User finds error with proposal
- User clicks "Decline" button
- Confirmation Box appears: "[Proposal Name] has been Declined!"

103.2.2 "Proposal does not fulfill all expectations of a proposal"

- User will click "Industry" tab
- User clicks "View Proposals" button
- User reviews all data field containing info about the proposal (Ex. Company Name, Project Topic/Project Goals, etc.)
- User finds that fields have been filled in incorrectly
- User clicks "Decline" button
- Confirmation Box appears: "[Proposal Name] has been Declined!"

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104. Special Requirements

- 104.1 Website must have a form widget that allows for industries to submit proposals to the website for reviewing.

105. Pre-conditions

- 105.1 User must have administrative access to UofL office of Research and Innovation website

106. Post-conditions

- 106.1 *"Proposal is successfully accepted"*

If Proposal is successfully accepted user will receive a confirmation message box informing user that the proposal has been accepted and saved to the database.

- 5.2 *"Proposal is declined"*

If Proposal is declined user will receive an error message box informing user that the proposal has been declined and removed from the submissions database.

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Use Case Specification: Delete Industry Proposal for UofL Office of Research and Innovation

107. Delete an Industry Proposal to the Office of Research and Innovation

107.1 Brief Description

This use case describes how an Administrator deletes a proposal from a business/entity on the University Research and Innovation Website.

108. Flow of Events

108.1 Basic Flow

- User will click "Industry" tab
- User clicks "View Proposals" button
- User selects Proposal from list of proposals
- User clicks "Delete Proposal" button
- Message Box appears: "[Proposal Name] will be deleted, are you sure?"
- User clicks "Yes" Button
- Confirmation Box appears: "[Proposal Name] has been deleted!"

108.2 Alternative Flows

108.2.1 "User does not have permission to delete this proposal"

- User is signed into a personal account instead of Admin account
- User will click "Industry" tab
- User clicks "View Proposals" button
- User selects Proposal from list of proposals
- User clicks "Delete Proposal" button
- User receives Error Box: "You don't have permission to access this function!"
- User signs into Administrative Account
- User will click "Industry" tab
- User clicks "View Proposals" button
- User selects Proposal from list of proposals
- User clicks "Delete Proposal" button
- Message Box appears: "[Proposal Name] will be deleted, are you sure?"
- User clicks "Yes" Button
- Confirmation Box appears: "[Proposal Name] has been deleted!"

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109. Special Requirements

- 109.1 Website must have a form widget that allows for industries to submit proposals to the website and allows for proposals to be deleted by Administrator.

110. Pre-conditions

- 110.1 User must have administrative access to UofL office of Research and Innovation website

111. Post-conditions

111.1 *"Proposal is Successfully Deleted"*

If Proposal is successfully deleted user will receive a confirmation message box informing user that the proposal has been deleted from the proposal database.

5.2 *"Proposal isn't Successfully Deleted"*

If Proposal isn't successfully deleted user will receive an error message box informing user that the Proposal hasn't been deleted and what caused the deletion of the Proposal to fail.

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Use Case Specification: Edit Industry Proposal for UofL Office of Research and Innovation

112. Edit an Industry Proposal to the Office of Research and Innovation

112.1 Brief Description

This use case describes how an Administrator edits a proposal from a business/entity on the University Research and Innovation Website which allows the user to interface with proposals and make necessary changes to them.

113. Flow of Events

113.1 Basic Flow

- User will click "Industry" tab
- User clicks "View Proposals" button
- User clicks "Edit Proposal" button
- User edits data field(s) of the proposal that need changing
- User clicks "Apply" button
- Confirmation Box appears: "[Proposal Name] has been edited!"

113.2 Alternative Flows

113.2.1 "Edited Proposal has a blank field"

- User will click "Industry" tab
- User clicks "Edit Proposals" button
- User edits data field(s) of the proposal that need changing
- User leaves a field blank
- User clicks "Apply" button
- Error Message appears: "Fields must contain valid data types only!"
- User fills in blank field
- Confirmation Box appears: "[Proposal Name] has been edited!"

114. Special Requirements

- 114.1 Website must have a form widget that allows for industries to submit proposals to the website and allows for proposals to be edited by Administrator.

115. Pre-conditions

- 115.1 User must have administrative access to UofL office of Research and Innovation website

116. Post-conditions

116.1 "Proposal is successfully edited"

If Proposal is successfully edited user will receive a confirmation message box informing user that

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the proposal has been edited and saved to the database.

5.2 *“Proposal edit cannot be applied”*

If Proposal edit throws an exception user will receive a error message box informing user that the proposal edit has been declined.

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Use Case Specification: Create Statistic for UofL Office of Research and Innovation

117. Create a Statistic for Office of Research and Innovation Calendar

117.1 Brief Description

This use case describes how an Administrator creates a statistic using data from the Department of Research and Innovation on the University of Louisville Office of Research and Innovation Website's Statistic Widget on the Website Homepage.

118. Flow of Events

118.1 Basic Flow

- User will click on the Statistics Widget to expand widget
- User clicks "Add Statistic" button
- User enters the data for the desired statistic to be added into form which will format the info to appear in the widget
- User clicks "Create Statistic" button
- Confirmation Box appears: "Statistic has been successfully added!"

118.2 Alternative Flows

118.2.1 "Field(s) cannot be blank"

- User will click on the Statistics Widget to expand widget
- User clicks "Add Statistic" button
- User enters the data for the desired statistic to be added into form which will format the info to appear in the widget
- User leaves a field blank
- User clicks "Create Statistic" button
- Error Message appears: "No fields can be blank when editing a statistic!"
- User fills in blank field
- User clicks "Create Statistic" button
- Confirmation Box appears: "Statistic has been successfully added!"

118.2.2 "Fields must contain correct data type"

- User will click on the Statistics Widget to expand widget
- User clicks "Add Statistic" button
- User enters the data for the desired statistic to be added into form which will format the info to appear in the widget
- User inputs invalid data type into a field (Ex. Letters in a number only field)
- User clicks "Create Statistic" button
- Error Message appears: Error Message appears: "Fields must contain valid data types only!"
- User replaces invalid data types with valid data types

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- User clicks “Create Statistic” button
- Confirmation Box appears: “Statistic has been successfully added!”

119. Special Requirements

119.1 Website must have a statistic display widget to be able to create, edit, and store statistics.

120. Pre-conditions

120.1 User must have administrative access to UofL office of Research and Innovation website and new data to input for the statistic.

121. Post-conditions

121.1 *“Statistic is Successfully Created”*

If Statistic is successfully created user will receive a confirmation message box informing user that the statistic has been initialized and stored to the statistic widget.

121.2 *“Statistic is not Created”*

If Statistic is unable to be created user will receive a error message box informing user why the Statistic could not be created.

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Use Case Specification: Delete Statistic for UofL Office of Research and Innovation

122. Delete a Statistic for Office of Research and Innovation Statistic Widget

122.1 Brief Description

This use case describes how an Administrator Deletes a Statistic on the integrated Statistic Widget on the University Research and Innovation Website.

123. Flow of Events

123.1 Basic Flow

- User will click on the Statistics Widget to expand widget
- User clicks "Delete Statistic" button
- User selects a Statistic from the Widget
- User clicks "Delete" button
- Confirmation Box appears: "Are you sure you want to delete this statistic?"
- User clicks "Confirm" button
- Confirmation Box appears: "Statistic has been successfully deleted!"

123.2 Alternative Flows

123.2.1 "User does not have permission to delete this event"

- User is signed into a personal account instead of Admin account
- User will click on the Statistics Widget to expand widget
- User clicks "Delete Statistic" button
- User selects Statistic to be deleted
- User selects "Delete" Button
- User receives Error Box: "You don't have permission to access this function!"
- User signs into Administrative Account
- User will click on the Statistics Widget to expand widget
- User clicks "Delete Statistic" button
- User selects Statistic to be deleted
- User selects "Delete" Button
- Confirmation Box appears: "Are you sure you want to delete this statistic?"
- User clicks "Confirm" button
- Confirmation Box appears: "Statistic has been successfully deleted!"

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124. Special Requirements

124.1 Website must have a statistic display widget to be able to create, edit, and store statistics.

125. Pre-conditions

125.1 User must have administrative access to UofL office of Research and Innovation website

126. Post-conditions

126.1 *"Statistic is Successfully Deleted"*

If Statistic is successfully Deleted user will receive a confirmation message box informing user that the statistic has been deleted from the Statistic Widget.

5.2 *"Statistic isn't Successfully Deleted"*

If Statistic isn't successfully deleted user will receive an error message box informing user that the Statistic hasn't been deleted and what caused the deletion of the Statistic to fail.

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Use Case Specification: Edit Statistic for UofL Office of Research and Innovation

127. Edit a Statistic for Office of Research and Innovation Calendar

127.1 Brief Description

This use case describes how an Administrator edits a statistic on the University of Louisville Office of Research and Innovation Website's Statistic Widget on the Website Homepage.

128. Flow of Events

128.1 Basic Flow

- User will click on the Statistics Widget to expand widget
- User clicks "Edit Statistic" button
- User changes desired field containing info about the event (Ex. Name, Time/Place, etc.)
- User clicks "Confirm Changes" button
- Confirmation Box appears: "Statistic has been successfully edited!"

128.2 Alternative Flows

128.2.1 "Field(s) cannot be blank"

- User will click on the Statistics Widget to expand widget
- User clicks "Edit Statistic" button
- User changes desired field containing info about the Statistic
- User leaves a field blank
- User clicks "Confirm Changes" button
- Error Message appears: "No fields can be blank when editing a statistic!"
- User fills in blank field
- User clicks "Confirm Changes" button
- Confirmation Box appears: "Statistic has been successfully edited!"

128.2.2 "Fields must contain correct data type"

- User will click on the Statistics Widget to expand widget
- User clicks "Edit Statistic" button
- User changes desired field containing info about the Statistic
- User inputs invalid data type into a field (Ex. Letters in a number only field)
- User clicks "Confirm Changes" button
- Error Message appears: "Fields must contain valid data types only!"
- User replaces invalid data types with valid data types
- User clicks "Confirm Changes" button
- Confirmation Box appears: "Statistic has been successfully edited!"

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129. Special Requirements

129.1 Website must have a statistic display widget to be able to create, edit, and store statistics.

130. Pre-conditions

130.1 User must have administrative access to UofL office of Research and Innovation website and new data to input for the statistic.

131. Post-conditions

131.1 *"Statistic is Successfully Edited"*

If Statistic is successfully edited user will receive a confirmation message box informing user that the statistic has been edited and stored to the statistic widget.

131.2 *"Statistic can't be Edited"*

If Statistic is unable to be edited user will receive a error message box informing user why the Statistic could not be edited.

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Use Case Specification: Apply for Grant through UofL Office of Research and Innovation

132. Apply for a Grant through the Office of Research and Innovation

132.1 Brief Description

This use case describes how a user applies for a Grant through the University Research and Innovation Website to help fund an academic project.

133. Flow of Events

133.1 Basic Flow

- User will click “Grant” tab
- User clicks “Apply for Grant” button
- User fills all required data fields for Grant Application (Ex. Name, Status (Student, Teacher, etc.))
- User clicks “Apply” button
- Confirmation Box appears: “[Username] has applied for [Grant Name]”

133.2 Alternative Flows

133.2.1 “Field(s) cannot be blank”

- User will click “Grant” tab
- User clicks “Apply for Grant” button
- User fills all required data fields for Grant Application
- User leaves a field blank
- User clicks “Apply” button
- Error Message appears: “No fields can be blank when applying for Grant!”
- User fills in blank field
- User clicks “Apply” button
- Confirmation Box appears: “[Username] has applied for [Grant Name]”

134. Special Requirements

- 134.1 Website must have a form widget that allows for users to apply for Grants on the website for reviewing by Administrators.

135. Pre-conditions

- 135.1 User must have access to UofL office of Research and Innovation website

136. Post-conditions

136.1 “Grant is Successfully applied for”

If Grant is successfully applied for user will receive a confirmation message box informing user that the application has been submitted and saved to the database.

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5.2 “Grant Application fails”

If application is declined user will receive an error message box informing user that the application has been declined and the reason for being declined.

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Use Cases	Date: 03/March/20
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Use Case Specification: Apply for Newsletter of UofL Office of Research and Innovation

137. Apply for the Newsletter of the Office of Research and Innovation

137.1 Brief Description

This use case describes how a user applies for updates through the official Newsletter of the University Research and Innovation Website.

138. Flow of Events

138.1 Basic Flow

- User will click “Newsletter” tab
- User clicks “Apply for Newsletter” button
- User fills all required data fields for Newsletter Application (Ex. Name, Contact info, etc.)
- User clicks “Apply” button
- Confirmation Box appears: “[Username] has applied for the Official UofL Research and Innovation Newsletter”

138.2 Alternative Flows

138.2.1 “Field(s) cannot be blank”

- User will click “Newsletter” tab
- User clicks “Apply for Newsletter” button
- User fills all required data fields for Newsletter Application
- User leaves a field blank
- User clicks “Apply” button
- Error Message appears: “No fields can be blank when applying for Newsletter!”
- User fills in blank field
- User clicks “Apply” button
- Confirmation Box appears: “[Username] has applied for the Official UofL Research and Innovation Newsletter”

139. Special Requirements

- 139.1 Website must have a Newsletter widget that allows for users to apply for updates from the Newsletter on the website.

140. Pre-conditions

- 140.1 User must have access to UofL office of Research and Innovation website

141. Post-conditions

141.1 “Application is Successful”

If Application is successful, user will receive a confirmation message box informing user that they

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will now receive notifications from the Office of Research and Innovation.

5.2 “Application fails”

If Application is declined user will receive an error message box informing user that the application has been declined and the reason for being declined.

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Use Case Specification: Submit Proposal for UofL Office of Research and Innovation

142. Submit a Proposal to the Office of Research and Innovation

142.1 Brief Description

This use case describes how a professor submits a proposal to the University Research and Innovation Website which creates an opportunity for students and professors to work together on a project.

143. Flow of Events

143.1 Basic Flow

- User will click "Faculty" tab
- User clicks "Submit Proposals" button
- User fills all data field containing info about the proposal (Ex. Professor Name, Project Topic/Project Goals, etc.)
- User clicks "Submit" button
- Confirmation Box appears: "[Proposal Name] has been submitted!"

143.2 Alternative Flows

143.2.1 "Field(s) cannot be blank"

- User will click "Faculty" tab
- User clicks "Submit Proposals" button
- User fills all data field containing info about the proposal
- User leaves a field blank
- User clicks "Submit" button
- Error Message appears: "No fields can be blank when submitting a proposal!"
- User fills in blank field
- User clicks "Submit" button
- Confirmation Box appears: "[Proposal Name] has been submitted!"

144. Special Requirements

- 144.1 Website must have a form widget that allows for professors to submit proposals to the website for reviewing.

145. Pre-conditions

- 145.1 User must have access to UofL office of Research and Innovation website

146. Post-conditions

146.1 "Proposal is successfully accepted"

If Proposal is successfully accepted user will receive a confirmation message box informing user that the proposal has been accepted and saved to the database.

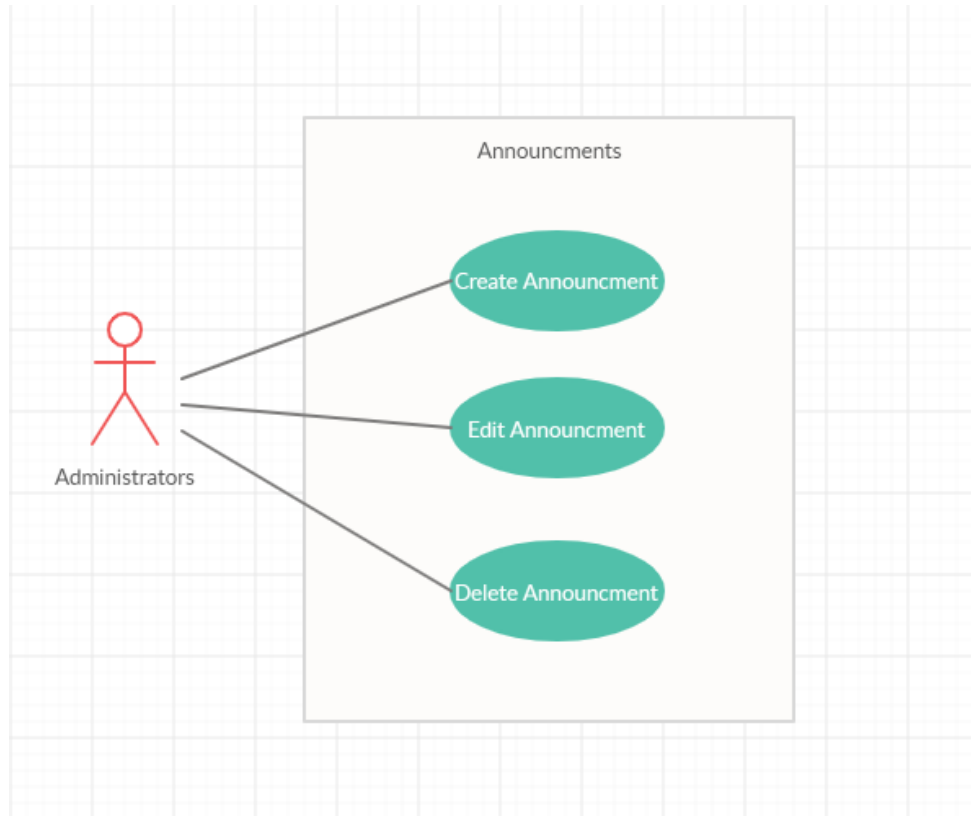
Iteration 3	Version: 1.0
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5.2 *“Proposal is declined”*

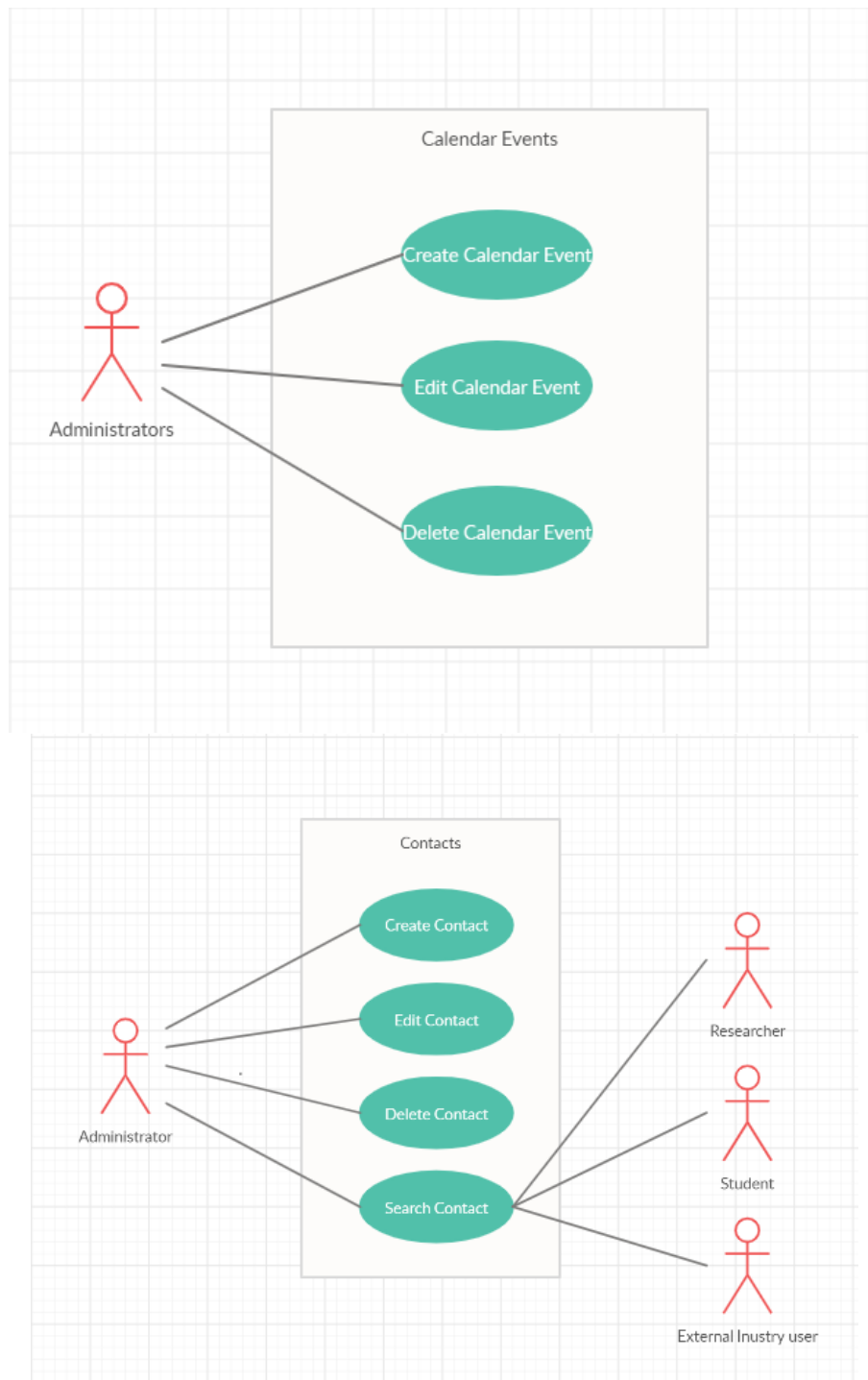
If Proposal is declined user will receive a confirmation message box informing user that the proposal has been declined and removed from the submissions database.

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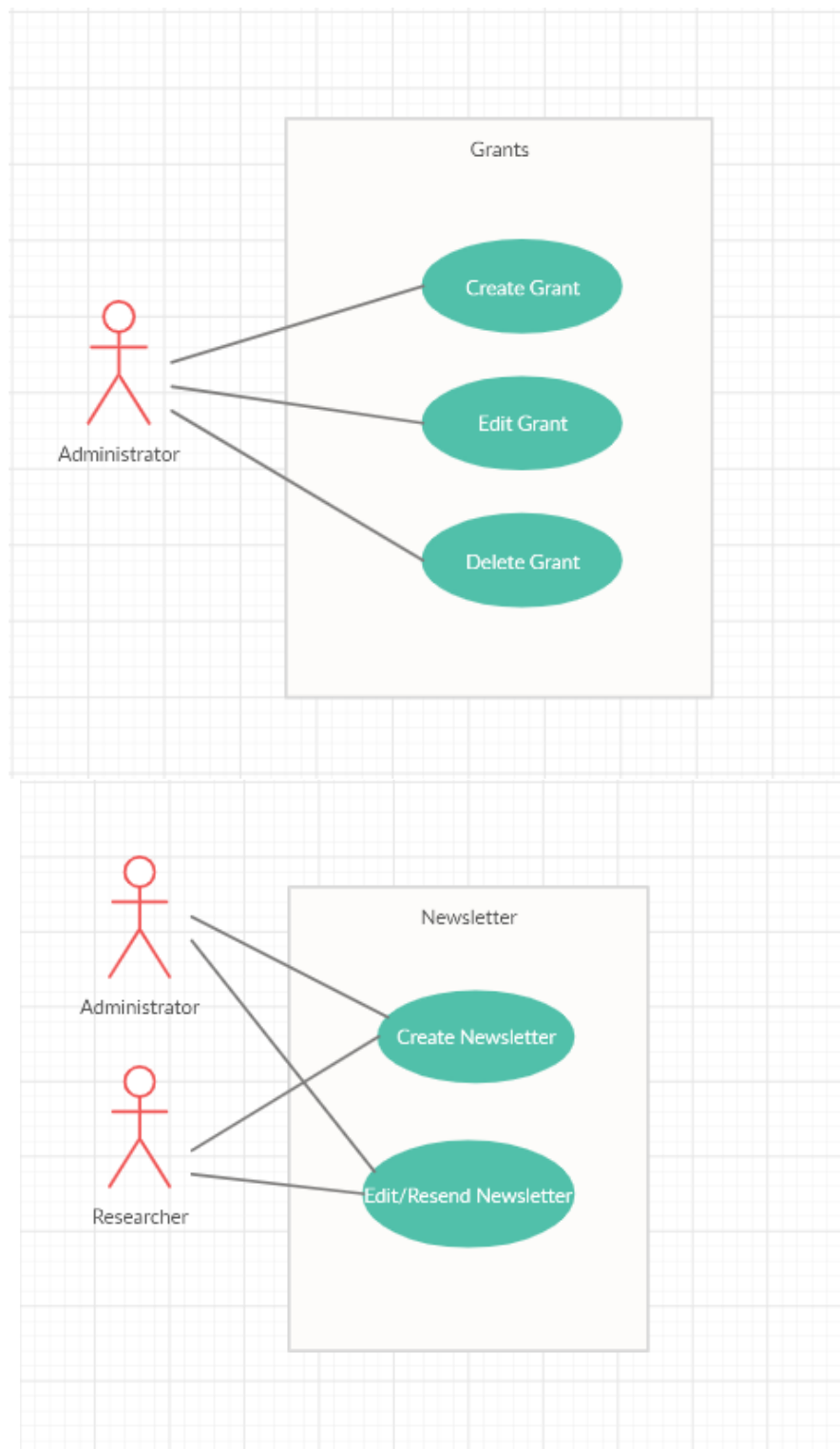
Use Case diagrams display the relationship of outside actors on the various systems in place. These diagrams not only outline who performs which actions, but also lays out administrative privileges. For example, only administrators may create, edit or delete contacts, but administrators, researchers, students and external individuals may all see the contacts list.



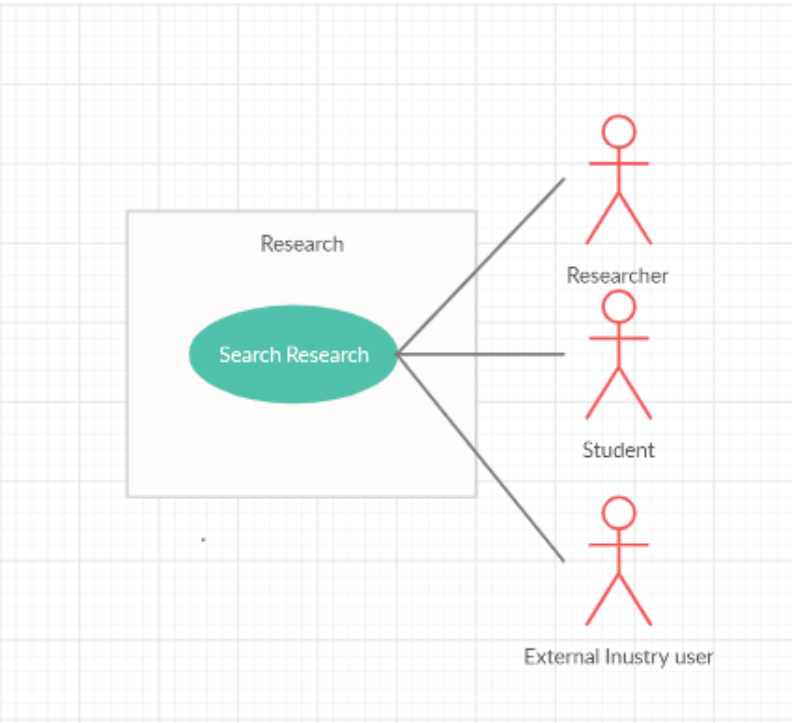
Iteration 3	Version: 1.0
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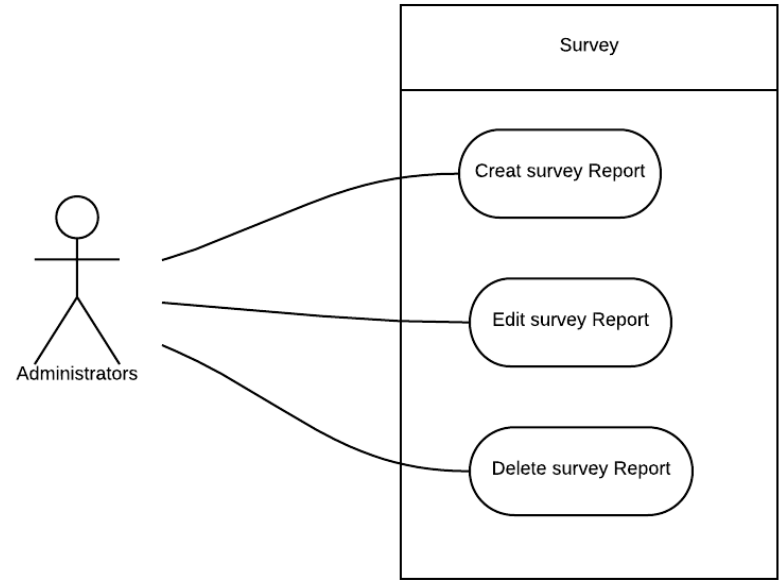
Iteration 3	Version: 1.0
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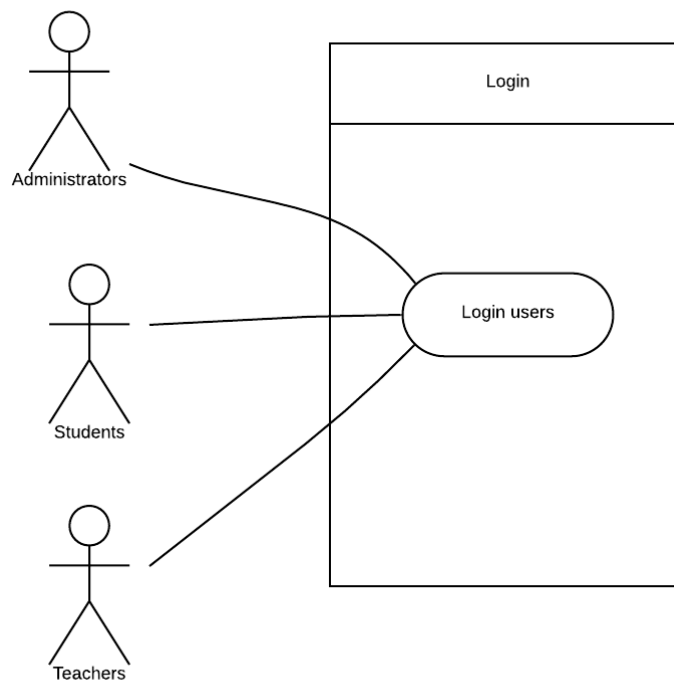
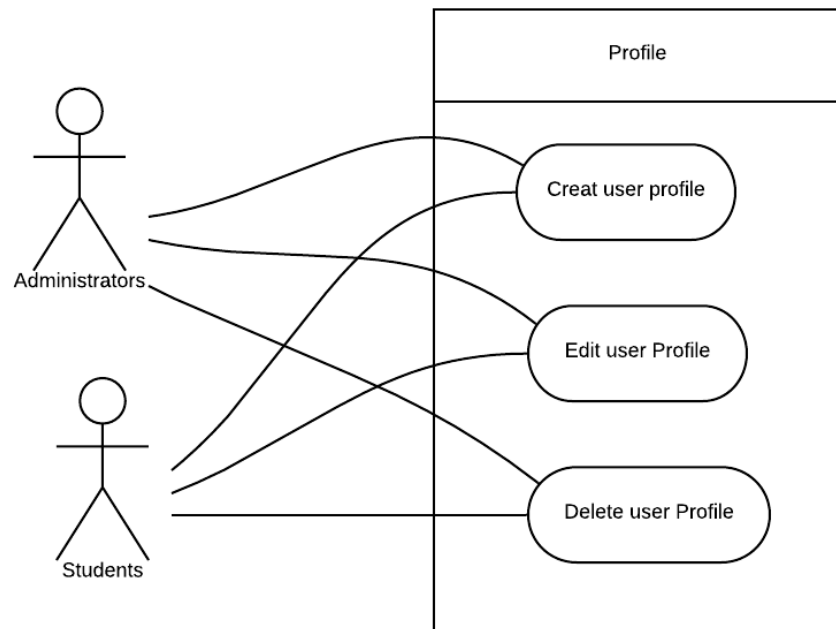
Iteration 3	Version: 1.0
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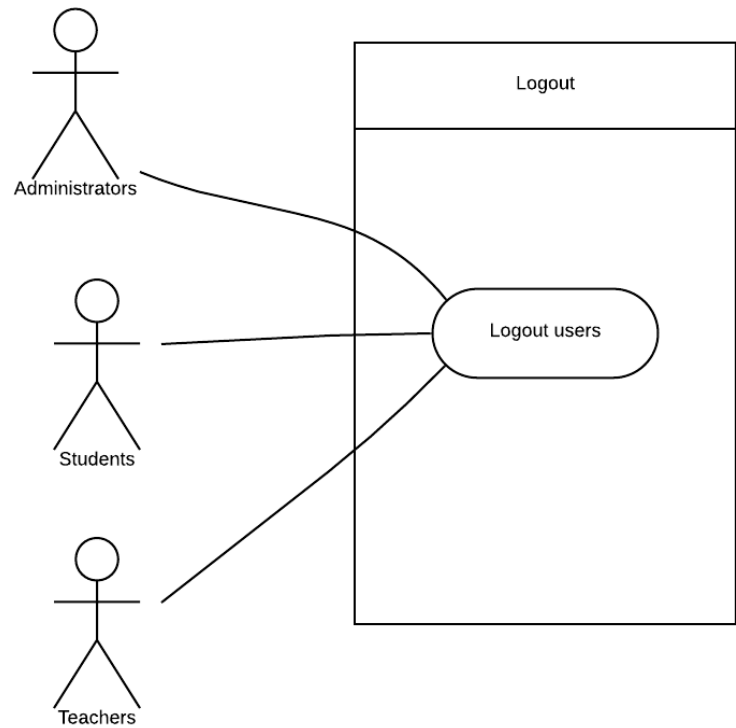
Meelan Mishra



Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
Scott Pettyjohn, Meelan Mishra, Nathan Moran, Mohammed Al Madhi, Robert Burch, Joseph Baxter	



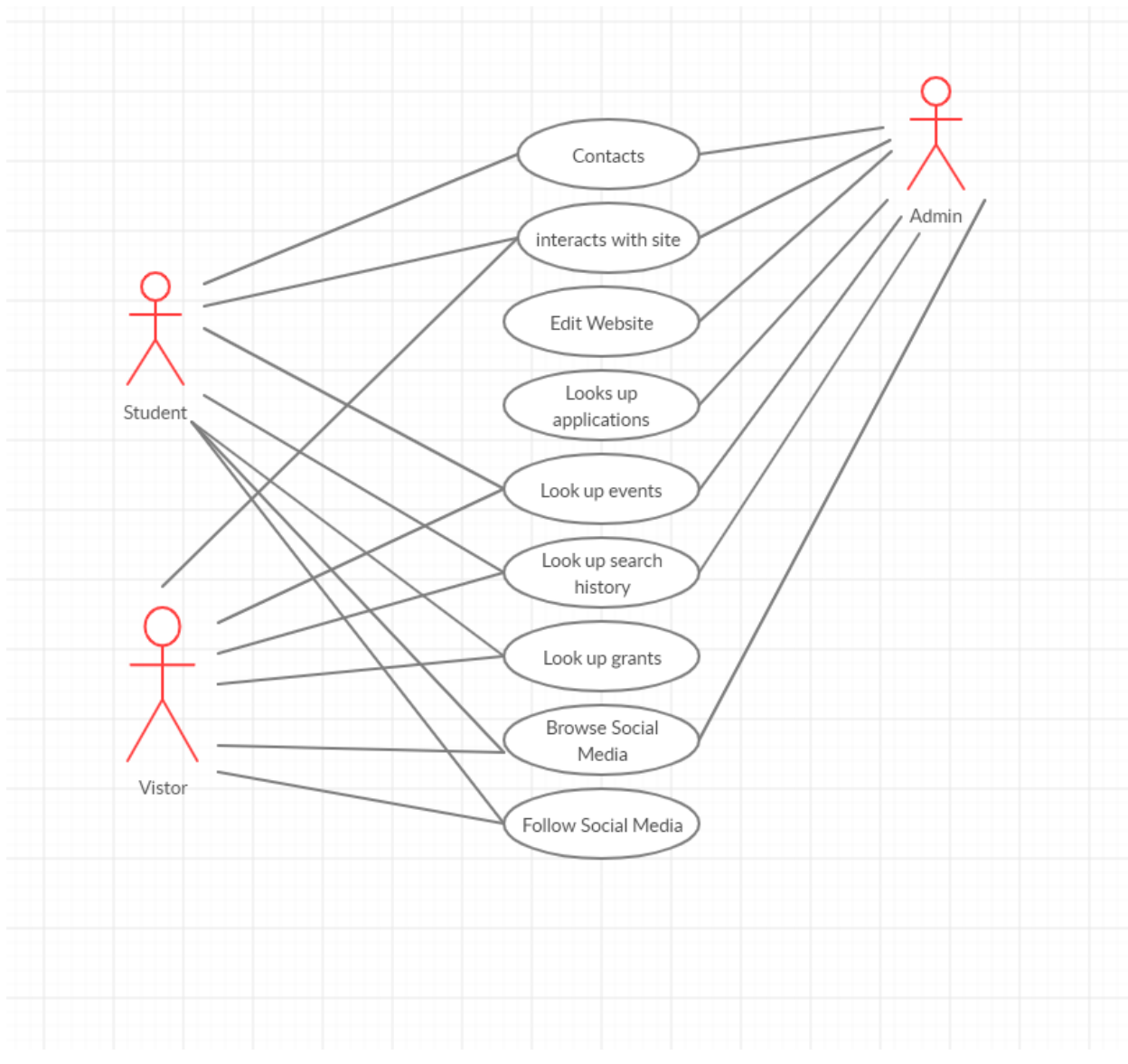
Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
Scott Pettyjohn, Meelan Mishra, Nathan Moran, Mohammed Al Madhi, Robert Burch, Joseph Baxter	



Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
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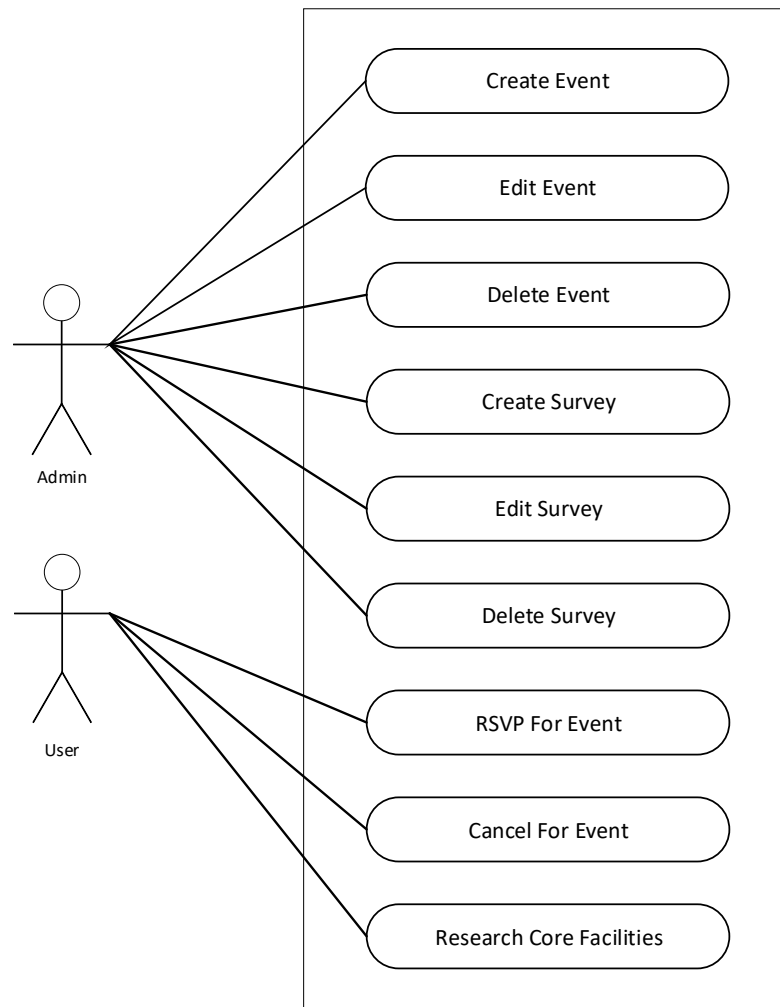
Use Case Diagram

This use case diagram shows the relationships between the actor and different use cases in which the user is involved in. The Case Diagram below creates many use cases in which an actor instantiates one or many use cases, as represented by the connectors.

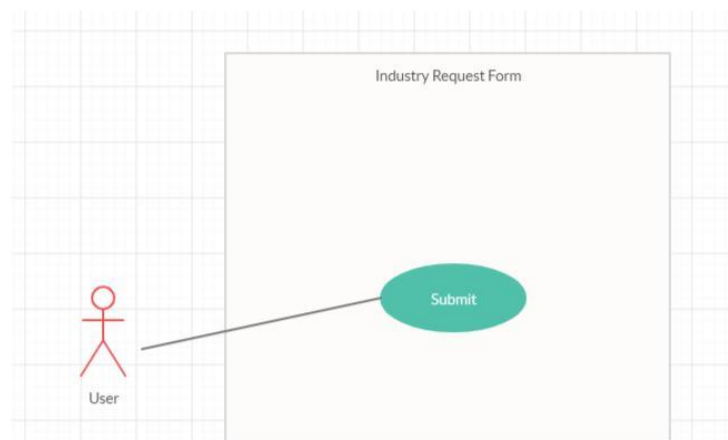
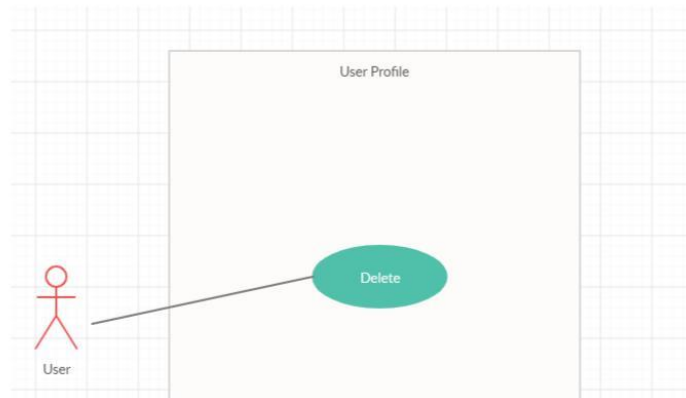


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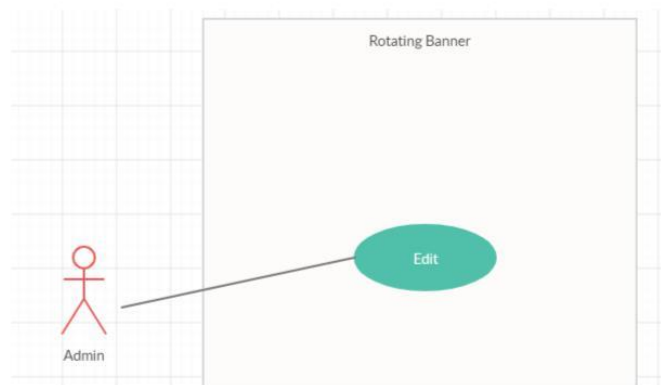
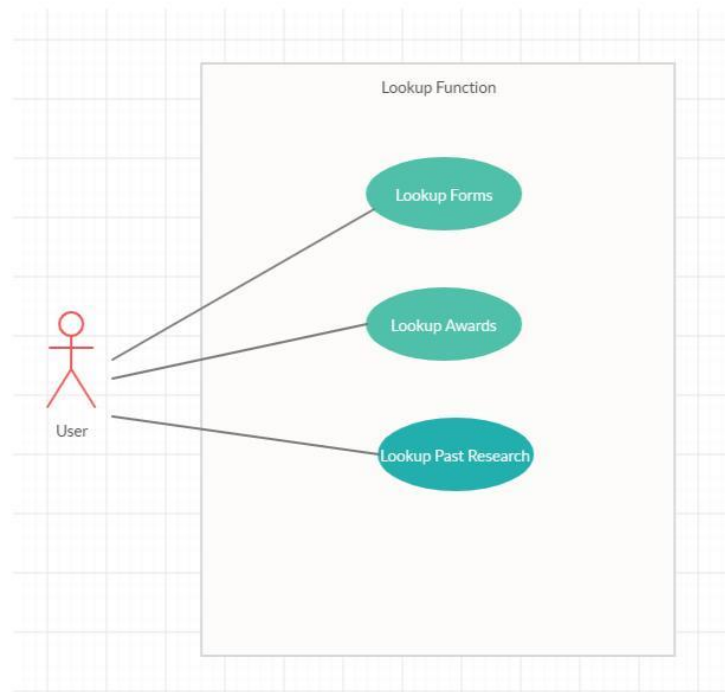
The following use case diagram shows the various interactions between the Admin and the site as well as potential Users and the site. Each line points to a use case that an actor would perform. The figures on the left are the primary actors in each use case.



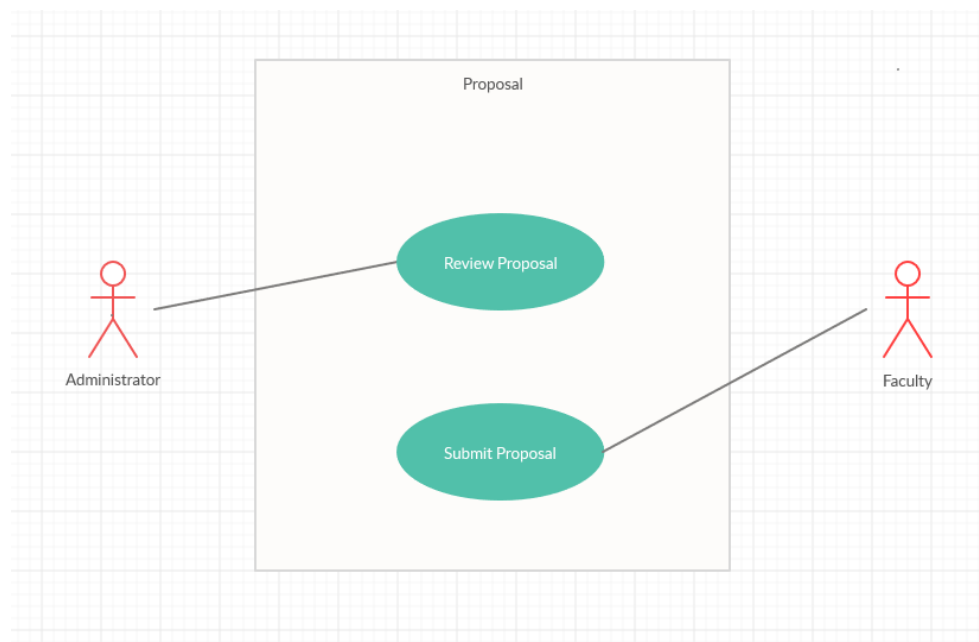
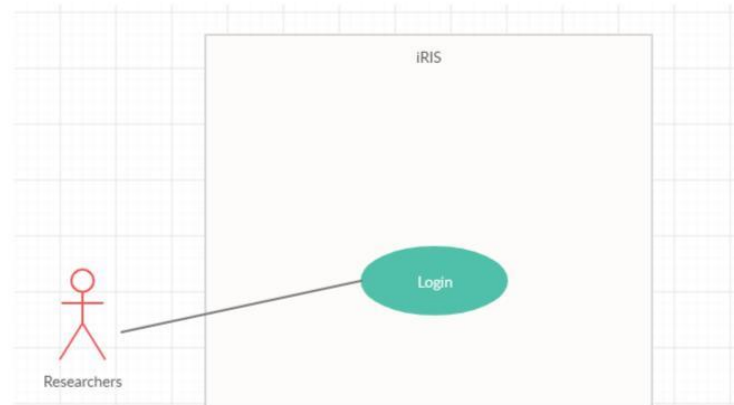
Iteration 3	Version: 1.0
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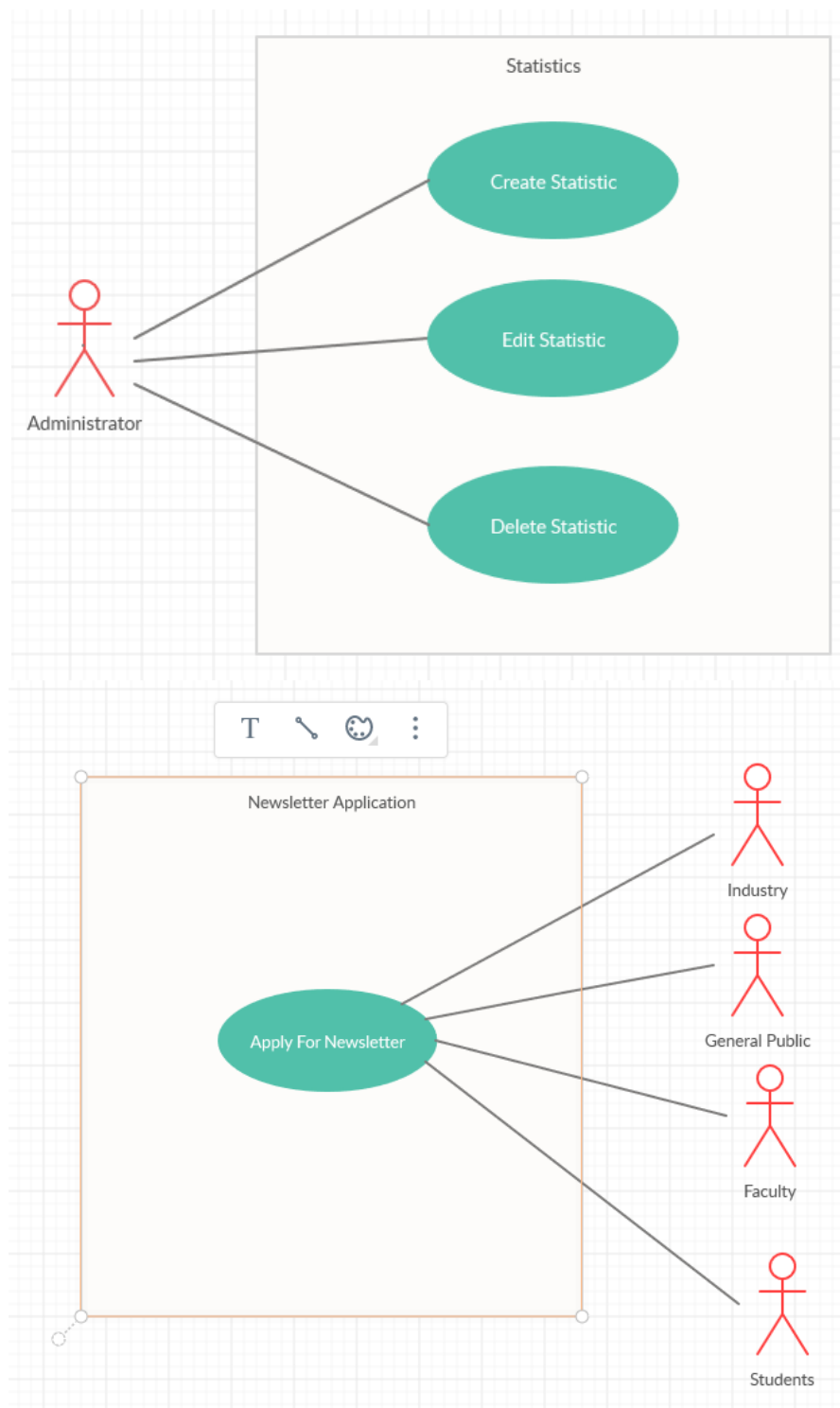
Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
Scott Pettyjohn, Meelan Mishra, Nathan Moran, Mohammed Al Madhi, Robert Burch, Joseph Baxter	



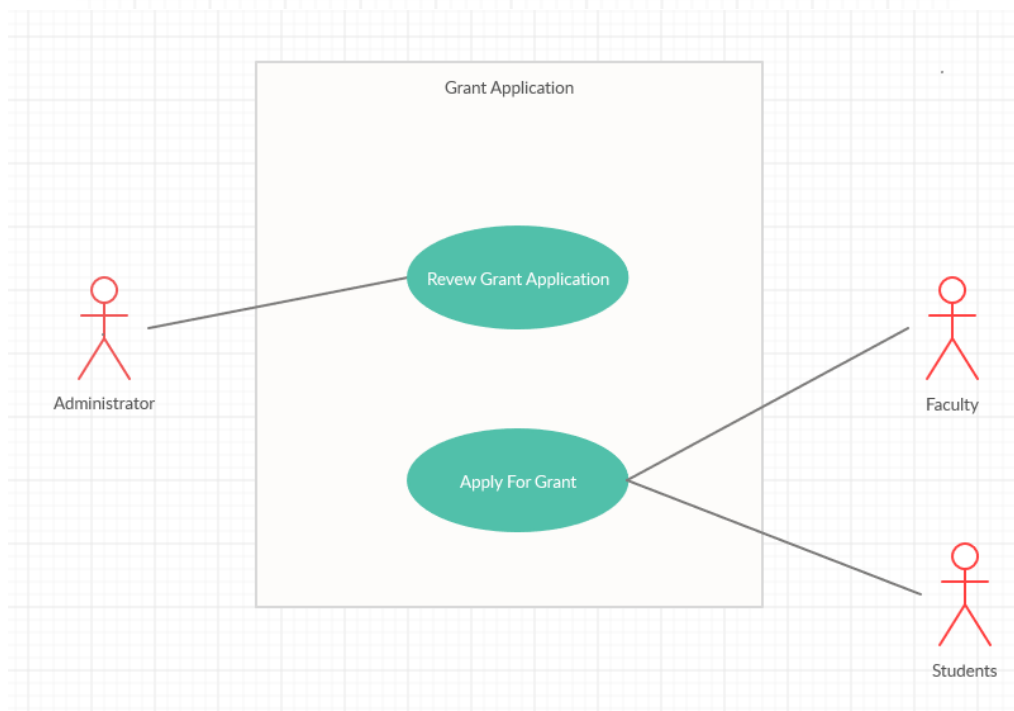
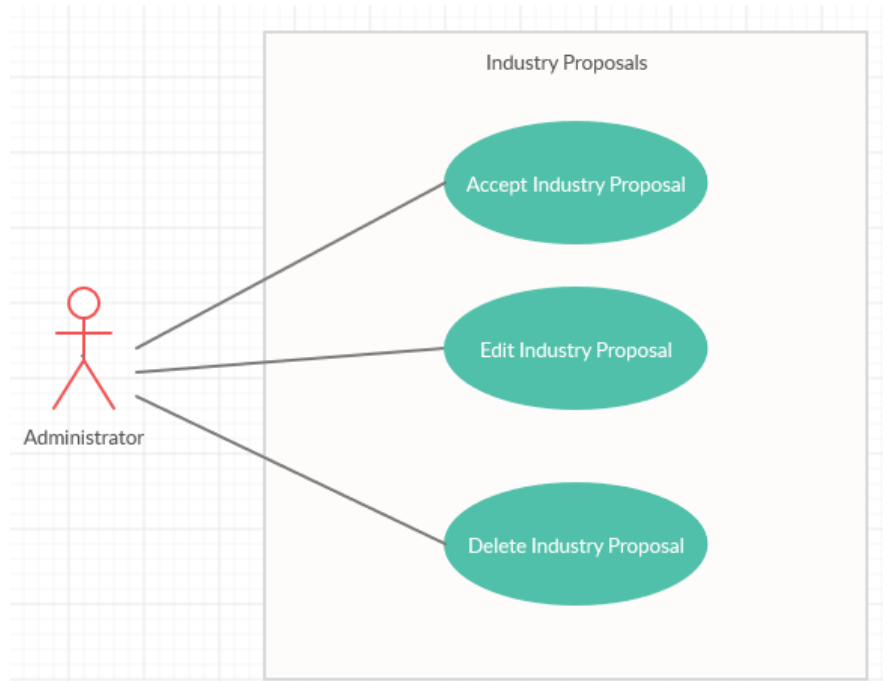
Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
Scott Pettyjohn, Meelan Mishra, Nathan Moran, Mohammed Al Madhi, Robert Burch, Joseph Baxter	



Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
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Iteration 3	Version: 1.0
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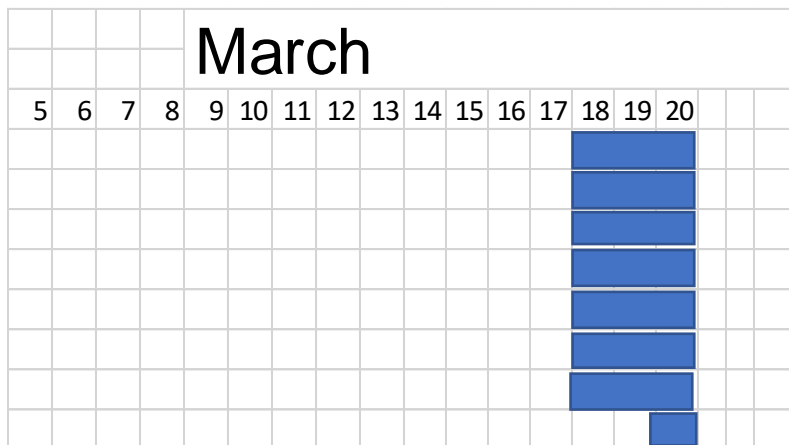
Iteration 3	Version: 1.0
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Gantt Chart

This Gantt Chart lists the tasks of a project and the duration of how long tasks will take, as well as their dependencies.

Iteration 3 Gantt Chart

Task ID	Responsible:	Task Name	Start Date	End Date	Duration(Days):	Days Remaining
1	Scott	Use Case Set 1	3/18/2020	3/20/2020	2	0
2	Joseph	Use Case Set 2	3/18/2020	3/20/2020	2	0
3	Mohammed	Use Case Set 3	3/18/2020	3/20/2020	2	0
4	Meelan	Use Case Set 4	3/18/2020	3/20/2020	2	0
5	Nathan	Use Case Set 5	3/18/2020	3/20/2020	2	0
6	Robert	Use Case Set 6	3/18/2020	3/20/2020	2	0
7	Mohammed	Gantt Chart	3/19/2020	3/20/2020	2	0
8	Scott	Combine It3/Submit	3/20/2020	3/20/2020	1	0



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Figure 1 below shows what the community landing page might look like. Considering there was not an existing one on the current R&I website, we took a few liberties in putting what we thought should exist on the page.

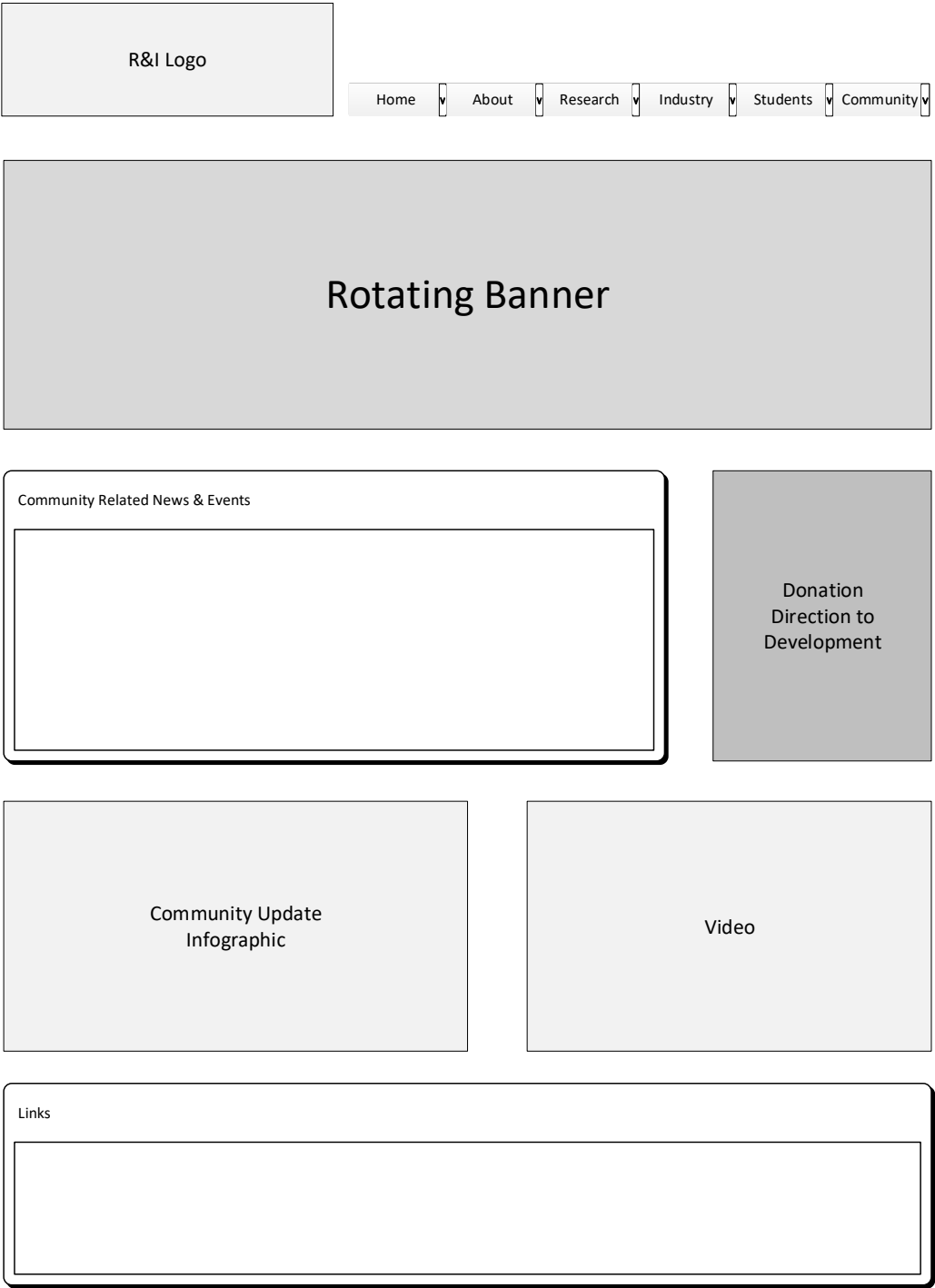


Figure 1

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Use Cases	Date: 03/March/20
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Figure 2 below shows what an administrator might see when creating, editing, or deleting a survey. The form offers many different types of questions, as well as a button to add more questions. The administrator basically has free range to go in and put whatever they need into the survey.

R&I Logo

Home
About
Research
Industry
Students
Community

Create/Edit/Delete Survey

Survey Title

Survey Info/Directions

Question 1

Survey question

Question Type

Multiple Choice
Text box
Check box
Radio Button

Answers

Enter multiple choice selection
Enter multiple choice selection
Enter multiple choice selection
Enter multiple choice selection
Add another selection

Delete Question

Question 2

Survey question

Question Type

Multiple Choice
Text box
Check box
Radio Button

Answer

Enter default text for text box

Delete Question

Add Question

Submit

Delete Survey

Figure 2

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
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Figure 2 below shows what an administrator might see when creating an event. There are text boxes used to enter in event information. There is also a calendar that can be used to select the date. This will help with validation and make it a bit easier to select the date. There is also a section to add any relevant pictures that will show up in the events widget.

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

Figure 3

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
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Figure 4 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 					

Figure 4

Iteration 3	Version: 1.0
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Figure 5 below shows what a new industry landing page might look like. Since there is not an existing page dedicated to industries on the site currently, we added what we thought would be beneficial for those stakeholders to see.

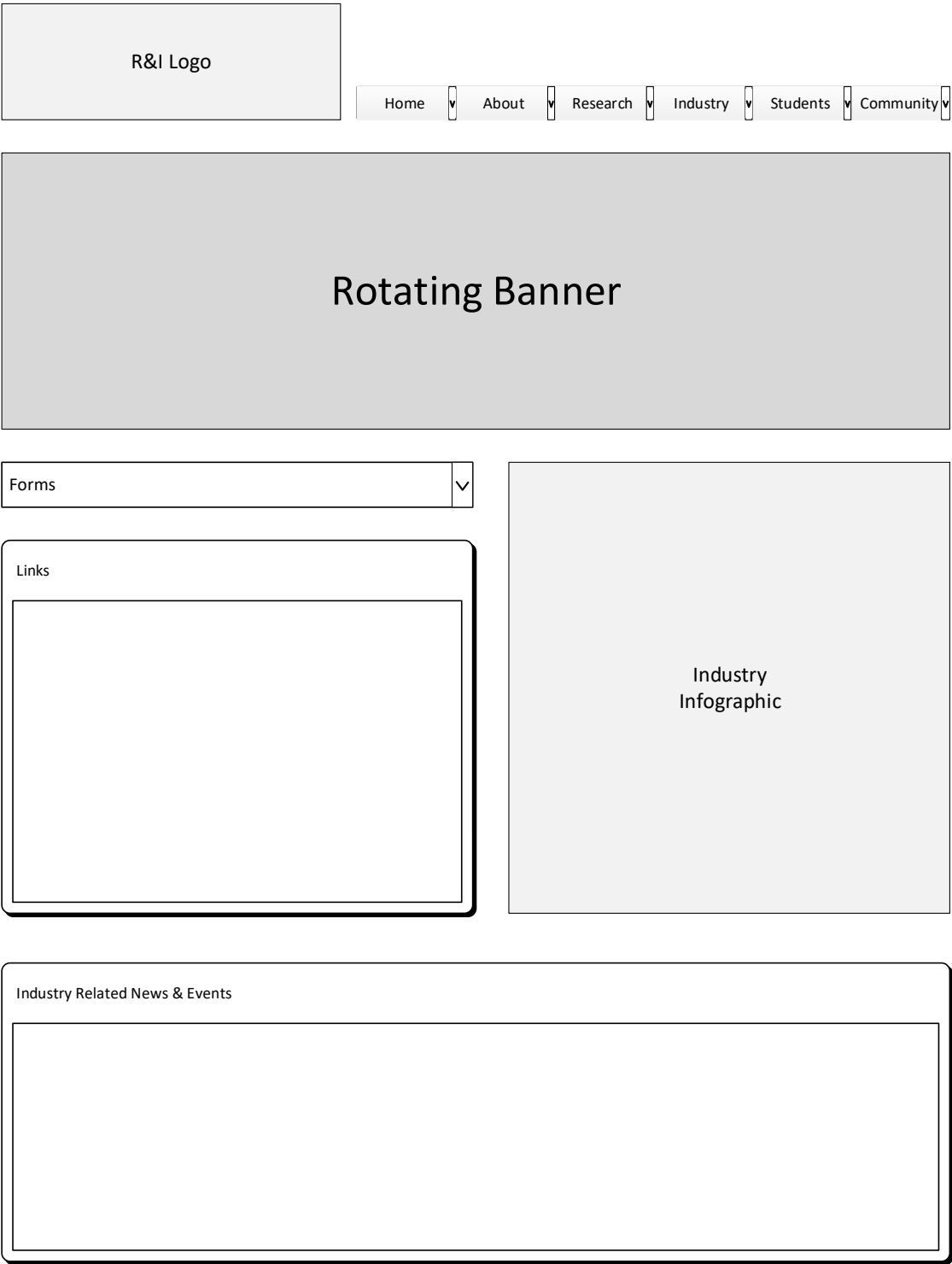


Figure 5

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
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Figure 6 below is what a user would see if they were to fill out an industry request form. This is nearly identical to the existing IR form that exists on the site now. It didn't need much changing.

R&I Logo

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

Industry Request Form

Email*

First NameLast Name

Company Name

Website (if applicable)

Phone Number

What can we help you with?

☒ Space

☒ Labs, equipment

☒ Access to technologies, inventions, and licensing

☒ Research support

Tell us more about your project goals, research or interest areas, and any budgetary limitations, if applicable.

Submit

Figure 6

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
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Figure 7 below is what we imagine the new and improved landing page would look like. It has a new infographic that can be used to show off any interesting statistics. It also has a new widget used to search for connections. The events widget is an upgrade over the current one. This landing page also prominently features the R&I social media.

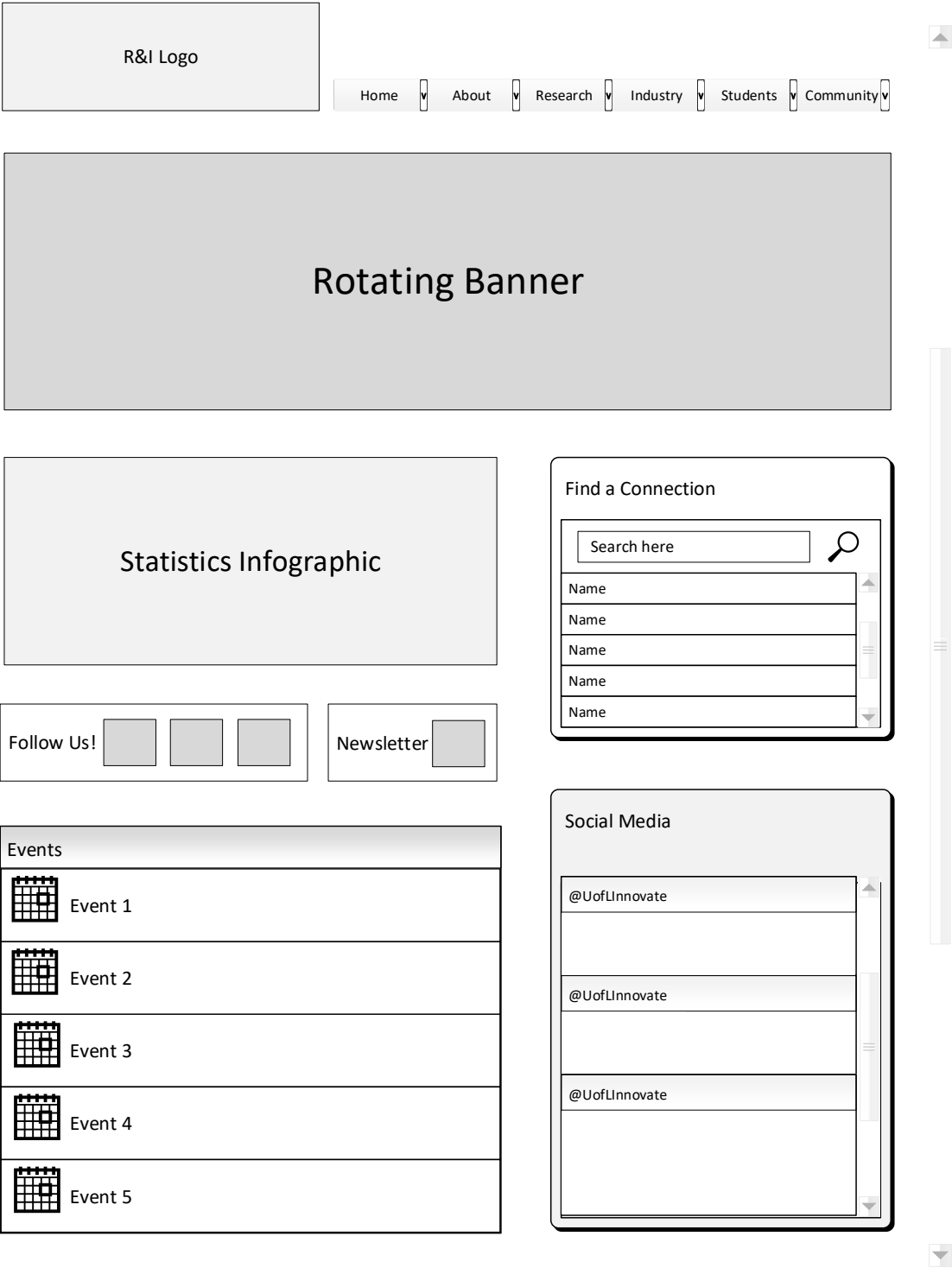


Figure 7

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
Scott Pettyjohn, Meelan Mishra, Nathan Moran, Mohammed Al Madhi, Robert Burch, Joseph Baxter	

Figure 8 below shows what users might see when they look up the core research facilities that R&I offer. The current version is almost too minimal. This lets users scroll through existing facilities then click and expand the options to get more information. A link is provided that will take users to a separate page where all relevant information on each facility is located.



Figure 8

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
Scott Pettyjohn, Meelan Mishra, Nathan Moran, Mohammed Al Madhi, Robert Burch, Joseph Baxter	

Figure 9 below shows what a new researcher landing page might look like. It includes a direct login to iRIS as well as a drop down for forms and a section for funding. It also includes infographics for each of the main facility types. At the base, there is a section for any relevant links

R&I Logo

Home
About
Research
Industry
Students
Community

Rotating Banner

Forms

Find Funding

Federal Grants Programs
Internal Grants Programs

iRIS Login

Username
Password
Login
[Forgot password](#)

Engineering Core Facility Infographic

Biomedical Core Facility Infographic

Links


Figure 9

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
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Figure 10 below shows how users can RSVP for an event as well as cancel for an event. If logged in, the user will simply click RSVP and that is it. The button will switch to say cancel to give them that option in the future. If the user has no account, they will be prompted to enter some information so that they can be added as an event attendee.


Events

See All




Event 1

RSVP




Event 2

RSVP




Event 3

RSVP



Event 4

RSVP



Event 5

RSVP

Confirm RSVP

Please confirm your RSVP for this event

Confirm

Cancel

Confirm RSVP

Enter the information below to RSVP

Email*

First name*


Last name*

Confirm RSVP

[or Login here](#)


Events

See All




Event 1

Cancel




Event 2

RSVP




Event 3

RSVP



Event 4

RSVP



Event 5

RSVP

Cancel RSVP

Please confirm your cancellation for this event

Confirm

Cancel

Cancel RSVP

Enter the information below to cancel your RSVP

Email*

First name*

Last name*

Cancel RSVP

[or Login here](#)

Figure 10

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
Scott Pettyjohn, Meelan Mishra, Nathan Moran, Mohammed Al Madhi, Robert Burch, Joseph Baxter	

Figure 11 below shows what a new student landing page might look like. It features two sections for undergrad and graduate students that will contain any relevant information. It also has an events section and placeholders for videos. We saw that the current version included a few videos, so we wanted to ensure those were accounted for.

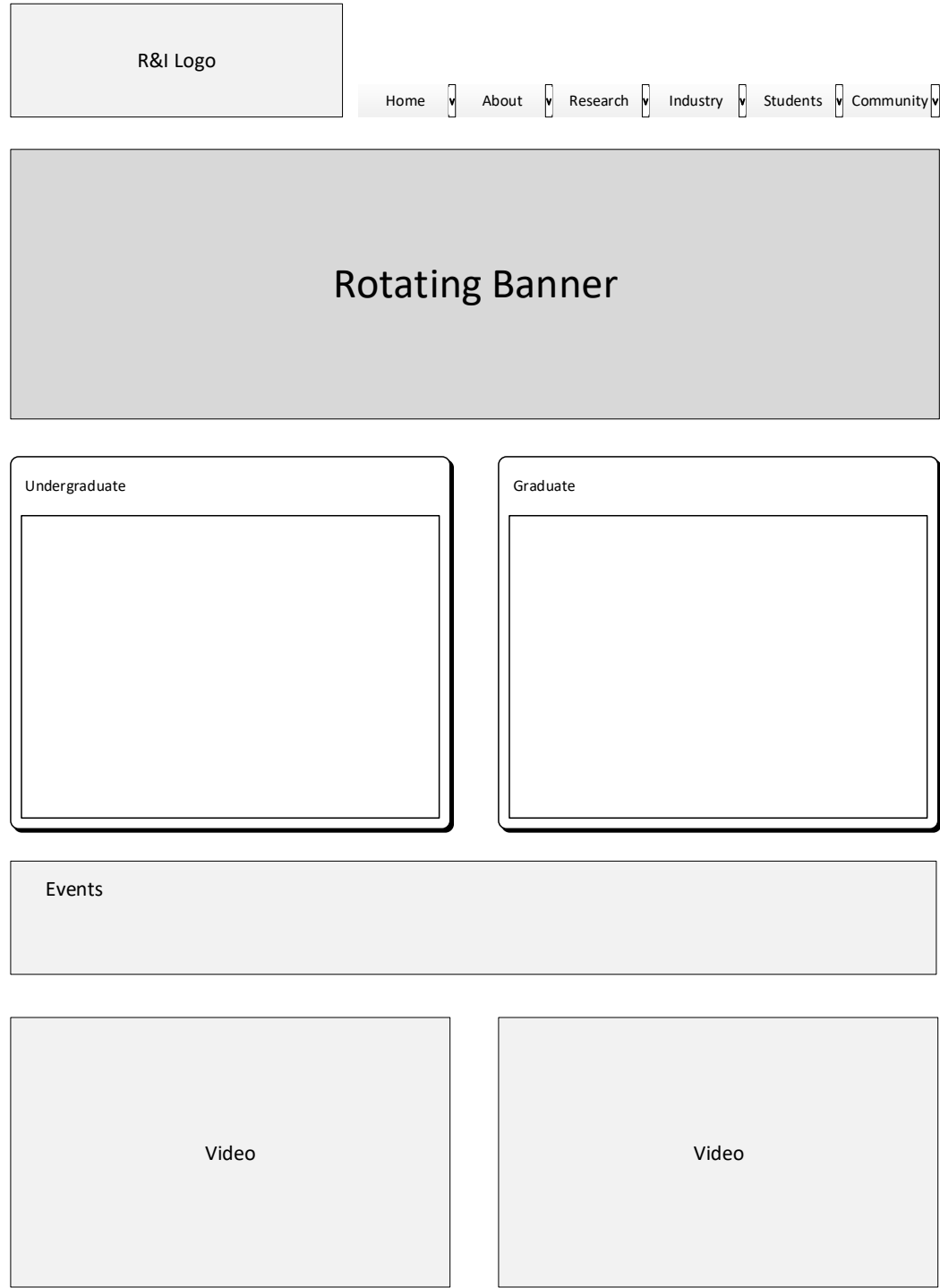


Figure 11

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
Scott Pettyjohn, Meelan Mishra, Nathan Moran, Mohammed Al Madhi, Robert Burch, Joseph Baxter	

Create announcement

Title:

Send Date: 

Body:

Segoe UI

12

B

I

U

A

Add text

OK

Cancel

Submit

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
Scott Pettyjohn, Meelan Mishra, Nathan Moran, Mohammed Al Madhi, Robert Burch, Joseph Baxter	


Create Grant

Title:

Issuer:

Amount:

Application Due Date:



Description:

Segoe UI

12

B

I

U

A

Add text

OK

Cancel

Submit

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
Scott Pettyjohn, Meelan Mishra, Nathan Moran, Mohammed Al Madhi, Robert Burch, Joseph Baxter	

Create Newsletter

Title:

Body:

Segoe UI

12

B

I

U

Add text

OK

Cancel

Post 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					

Delete 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					

Submit

Create user profile

Enter First Name:

Enter Last Name:

Enter User ID

Enter Password

Re-type password

Security Question

Question 1

Please select...

▼

Answer:

Question 2

Please select...

▼

Answer:

Question 3

Please select...

▼

Answer:

Creat User Profile

Delete

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
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Contact us

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

The image shows a web browser window with a single tab titled "Contact". The address bar shows the URL "https://louisville.edu/research/contact-us". The page content is titled "Contact" and contains a form with the following fields:

- Name:
- Email:
- Subject:
- A large text area for the message body.

The browser window includes standard navigation buttons (back, forward, refresh) and window controls (minimize, maximize, close) in the top right corner. A vertical scrollbar is visible on the right side of the page content.

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Login

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

The image shows a web browser window with a single tab titled "Login". The address bar shows the URL "https://louisville.edu/research/adminportal". The main content area of the browser displays a login form. At the top left of the form is the heading "Login". Below this, there are two input fields: one labeled "Email" and another labeled "Password". The password field contains a series of asterisks "*****". Underneath the password field are two links: "Forgot password?" and "Forgot email?". At the bottom of the form is a large, rounded blue button with the text "Login" in white.

Iteration 3	Version: 1.0
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University of Louisville Office of Research and Innovation

Faculty

Submit Proposal

Faculty Name

Email

Proposal Discipline

Proposal Date

Proposal Details

Submit Proposal

University of Louisville Office of Research and Innovation

Home

Statistics Widget Interface

View All Statistics

Statistic
Statistic
Statistic
Statistic
Statistic
Statistic
Statistic
Statistic

Add New
Edit
Delete

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
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University of Louisville Office of Research and Innovation

Home

Apply For Newsletter

Name

Email

☒ I agree to the user's agreement of terms and services as listed by the UofL Office of Research and Innovation

☒ I would like to automatically receive news updates from this newsletter

(Optional)

Apply For Newsletter

University of Louisville Office of Research and Innovation

Home

Apply For Grant

Name

Email

Grant Name

Occupation

Apply For Grant

Iteration 3	Version: 1.0
Use Cases	Date: 03/March/20
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University of Louisville Office of Research and Innovation

				Industry
--	--	--	--	----------

View All Proposals

Q

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Proposal

Accept

Edit

Delete

Confidential

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Comment Summary

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1. submit, not summit