This is what we expect to see when a user inputs the URL of the web

A Web Page

http://

**Department of Chemistry** | **Feature** | **Login/Register**

Visualize

Search

Contact Us

Home    Terms    Privacy

icon images from font awesome, https://fortawesome.github.io/Font-Awesome/license/

University of Alberta logo from ualberta.ca
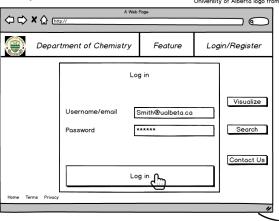
This is what we expect to see when a user clicks on Login/Register tab
and perform successful log in and registration

**A Web Page**

Department of Chemistry | Feature | Login/Register

Visualize

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icon images from font awesome, https://fortawesome.github.io/Font-Awesome/license

University of Alberta logo from ualberta.ca

**A Web Page**

Department of Chemistry | Feature | Login/Register

Register

Log in

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Registration

**A Web Page**

Department of Chemistry | Feature | Login/Register

Registration

Username    Josh

Email    Josh@ualberta.ca

Password    *****

confirm Password    *****

Register    Got account?
            Login

Visualize

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User enters Desired Username and
Email with password for registration

User has Successfully registered.
Goes back to the main page
with the welcome on the right corner

**A Web Page**

Department of Chemistry | Feature | Login/Register

Welcome, Josh!    Log out

Visualize

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Log in

**A Web Page**

Department of Chemistry | Feature | Login/Register

Register

Log in

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**A Web Page**

Department of Chemistry | Feature | Login/Register

Log in

Username/email    Josh@ualberta.ca

Password    *****

Log in

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User enters Username/email and password

User has successfully logged in.
Goes back to the main page
with the welcome on the right corner

picture taken from ualberta.ca

User decides to log out
The screen now shows no User logged in

**A Web Page**

Department of Chemistry | Feature | Login/Register

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Click to back Home

**A Web Page**

Department of Chemistry | Feature | Login/Register

Register

Log in

Visualize

Search

Contact Us

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**A Web Page**

Department of Chemistry | Feature | Login/Register

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Transition, and the home button is lighted up, indicating user is on the home page

This is what we expect to see when the authentication is denied
Or the registration fails

icon images from font awesome, https://fortawesome.github.io/Font-Awesome/license/

University of Alberta logo from ualberta.ca

**Screen 1 (top-left):**

A Web Page
http://

Department of Chemistry | Feature | Login/Register

Log in

Username/email [ Smith@ualbeta.ca ]

Password [ ****** ]

Log in

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**Screen 2 (top-middle):**

A Web Page
http://

Department of Chemistry | Feature | Login/Register

User⊘

The system cannot authenticate the user
The username/email doesn't exist.
Or the password input is incorrect.
Please try again

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Error when the Username/email doesn't exist
Or when password input is incorrect

**Screen 3 (top-right):**

A Web Page
http://

Department of Chemistry | Feature | Login/Register

Log in

Username/email [ Smith@ualbeta.ca ]

Password [ ****** ]

Log in

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Lets the User to input their credentials again

**Screen 4 (middle-left):**

A Web Page
http://

Department of Chemistry | Feature | Login/Register

Registration

Username [ Josh ]

Email [ Josh@ualberta.ca ]

Password [ ***** ]

confirm Password [ ***** ]

Register        Got account? Login

Visualize
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**Screen 5 (middle-middle):**

A Web Page
http://

Department of Chemistry | Feature | Login/Register

User⊘

The system cannot Register the user.
The username/email already exists
Or contains inapropriate character.
Or the passwords does not match.
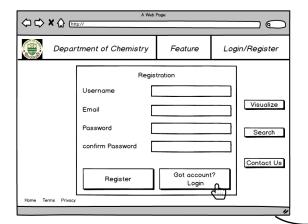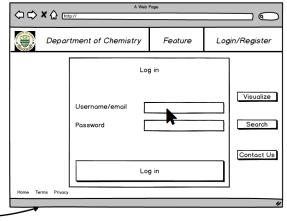Please try again

Go Back

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Error when the Username/email already exist
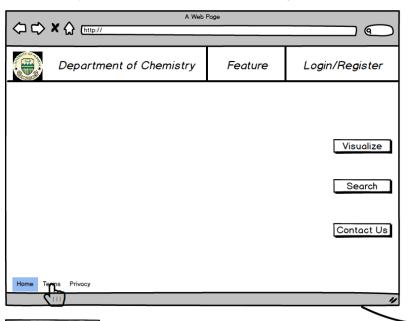and when the username\email contains inap
Or when the passwords don't match

**Screen 6 (middle-right):**

A Web Page
http://

Department of Chemistry | Feature | Login/Register

Registration

Username [ Josh ]

Email [ Josh@ualberta.ca ]

Password [ ***** ]

confirm Password [ ***** ]

Register        Got account? Login

Visualize
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Lets the User to input their credentials again

**Screen 7 (bottom-left):**

A Web Page
http://

Department of Chemistry | Feature | Login/Register

Registration

Username [          ]

Email [          ]

Password [          ]

confirm Password [          ]

Register        Got account? Login

Visualize
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**Screen 8 (bottom-middle):**

A Web Page
http://

Department of Chemistry | Feature | Login/Register

Log in

Username/email [          ]

Password [          ]

Log in

Visualize
Search
Contact Us

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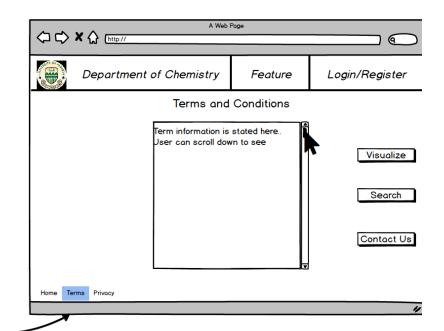Lets User to enter their Credentials
on log in page

This is what we expect to see when a user clicks on Terms and Privacy

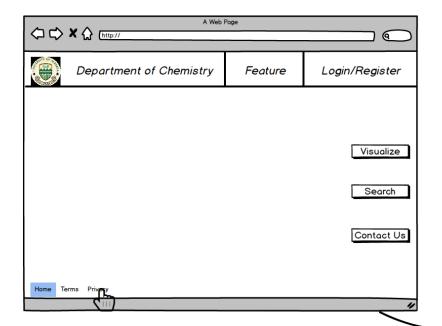### A Web Page
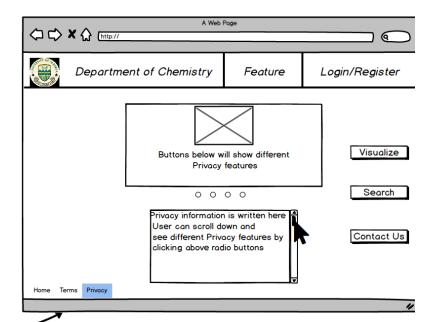
http://

**Department of Chemistry** | *Feature* | *Login/Register*

Visualize

Search

Contact Us

Home | Terms | Privacy

picture taken from ualberta.ca

icon images from font awesome, https://fortawesome.github.io/Font-Awesome/license/

University of Alberta logo from ualberta.ca

### A Web Page

http://

**Department of Chemistry** | *Feature* | *Login/Register*

Terms and Conditions

Term information is stated here..
User can scroll down to see

Visualize

Search

Contact Us

Home | Terms | Privacy

User clicks on Terms and
Terms button now lights up
indicating the User is on the Terms page

### A Web Page

http://

**Department of Chemistry** | *Feature* | *Login/Register*

Visualize

Search

Contact Us

Home | Terms | Privacy

### A Web Page

http://

**Department of Chemistry** | *Feature* | *Login/Register*

Buttons below will show different
Privacy features

○ ○ ○ ○

Privacy information is written here
User can scroll down and
see different Privacy features by
clicking above radio buttons

Visualize

Search

Contact Us

Home | Terms | Privacy

User clicks on Privacy and
Privacy button now lights up
indicating the User is on the Privacy page

This is what we expect to see when a user clicks on Contact Us
and submit a ticket

**Browser window 1:**

A Web Page

http://

Department of Chemistry | Feature | Login/Register

Visualize

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Home   Terms   Privacy

picture taken from ualberta.ca

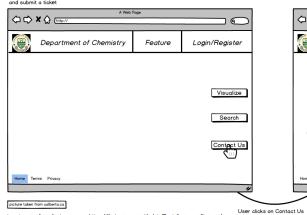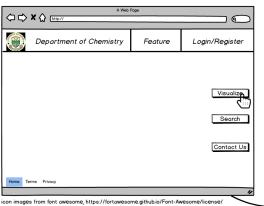icon images from font awesome, https://fortawesome.github.io/Font-Awesome/license/

University of Alberta logo from ualberta.ca

User clicks on Contact Us

**Browser window 2:**

A Web Page

http://

Department of Chemistry | Feature | Login/Register

Image of an Admin          Image of an TechSupport

Name: name                 For any inquiries and technical support
Phone: phone               Please contact
Email: email               780-xxx-xxxx

For any concerns about the web
Please submit a ticket
and we will get back shortly

Submit a Ticket

Visualize

Search

Contact Us

Home   Terms   Privacy

**Browser window 3:**

A Web Page

http://

Department of Chemistry | Feature | Login/Register

Please select the nature of the ticket

○ Report of Abuse   ○ Error in Data   ○ Login/Registration Issue   ○ Other

Please fill out your concerns below:
Maximum of 500 characters. Current characters used : 0

Submit          Cancel

Visualize

Search

Contact Us

Home   Terms   Privacy

User submits the ticket

**Browser window 4:**

A Web Page

http://

Department of Chemistry | Feature | Login/Register

Image of an Admin          Image of an TechSupport

Name: name                 Thanks for your feedback  nical support
Phone: phone
Email: email

For any concerns about the web
Please submit a ticket
and we will get back shortly

Submit a Ticket

Visualize

Search

Contact Us

Home   Terms   Privacy

**Browser window 5:**

A Web Page

http://

Department of Chemistry | Feature | Login/Register

Please select the nature of the ticket

○ Report of Abuse   ○ Error in Data   ○ Login/Registration Issue   ○ Other

Please fill out your concerns below:
Maximum of 500 characters. Current characters used : 0

Submit          Cancel

Visualize

Search

Contact Us

Home   Terms   Privacy

User Cancels the ticket

**Browser window 6:**

A Web Page

http://

Department of Chemistry | Feature | Login/Register

Image of an Admin          Image of an TechSupport

Name: name                 Submit has been canceled  nical support
Phone: phone
Email: email

For any concerns about the web
Please submit a ticket
and we will get back shortly

Submit a Ticket

Visualize

Search

Contact Us

Home   Terms   Privacy

This is what we expect to see when a user clicks on Visualize and search in Visualization

**Screen 1:**

A Web Page

http://

| Department of Chemistry | Feature | Login/Register |

Visualize

Search

Contact Us

Home  Terms  Privacy

icon images from font awesome, https://fortawesome.github.io/Font-Awesome/license/

University of Alberta logo from ualberta.ca

User clicks on Visualize and screen shows
the visualize main page

**Screen 2:**

A Web Page

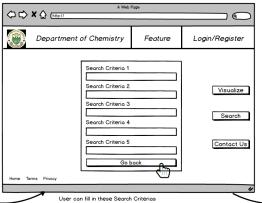http://

| Department of Chemistry | Feature | Login/Register |

Visualize
Image

Looking for someone particular?
Name
Josh
(Other Search Option)

Advanced Search

Visualize

Search

Contact Us

Home  Terms  Privacy

This other search option can be something like the title of research paper
The year of research paper i.e.
So the User don't have to go through Advanced Search everytime

System dynamically search the result to the closest match
And returns results

User clicks on Advanced Search to
narrow results

**Screen 3:**

A Web Page

http://

| Department of Chemistry | Feature | Login/Register |

Search Criteria 1

Search Criteria 2

Search Criteria 3

Search Criteria 4

Search Criteria 5

Go back

Visualize

Search

Contact Us

Home  Terms  Privacy

User can fill in these Search Criterias
Haven't decided what they will be
They could be published Year
Specific word a User seek for
And such

User returns from Advanced Search
The system Dynamically searches the closest match
And presents the results in Visualize Image

**Screen 4:**

A Web Page

http://

| Department of Chemistry | Feature | Login/Register |

Visualize
Image

Looking for someone particular?
Name
Josh
(Other Search Option)

Advanced Search

Visualize

Search

Contact Us

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icon images from font awesome, https://fortawesome.github.io/Font-Awesome/license/

University of Alberta logo from ualberta.ca

User click on no visualization search and input search Criteria
The Search Criterias have not yet been finalized
Could Add more

System dynamically search the result to the closest match
And returns results
User clicks on the item 1, say item 1 is a person

Pop-up that displays information of an person
User can click anywhere outside the pop-up to
go back to search page

System dynamically search the result to the closest match
And returns results
User clicks on the item 2, say item 2 is a paper

User clicks on back

The dropdown contains list such as
Publications related to this person
Labs related to this Person
Students related to this Person
Therefore, items will refresh as user changes dropdown item

User clicks on back