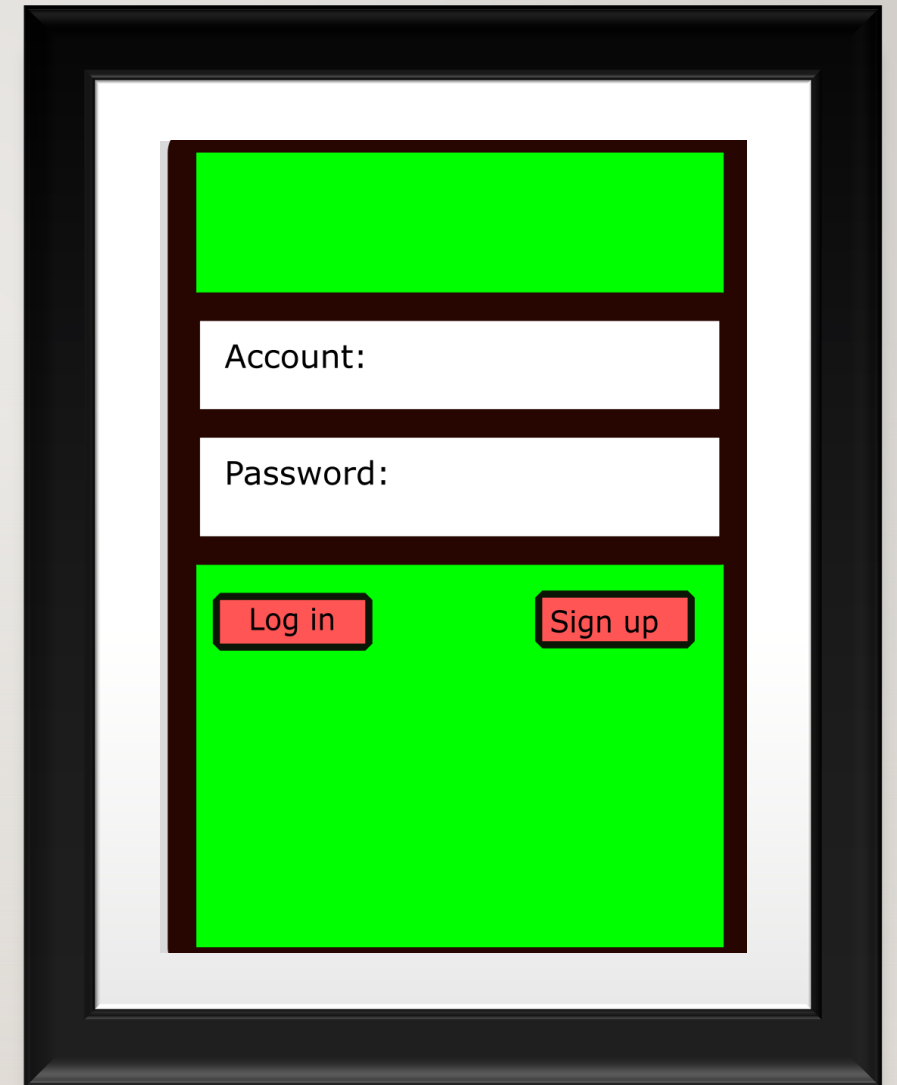


USER LOGIN SCREEN

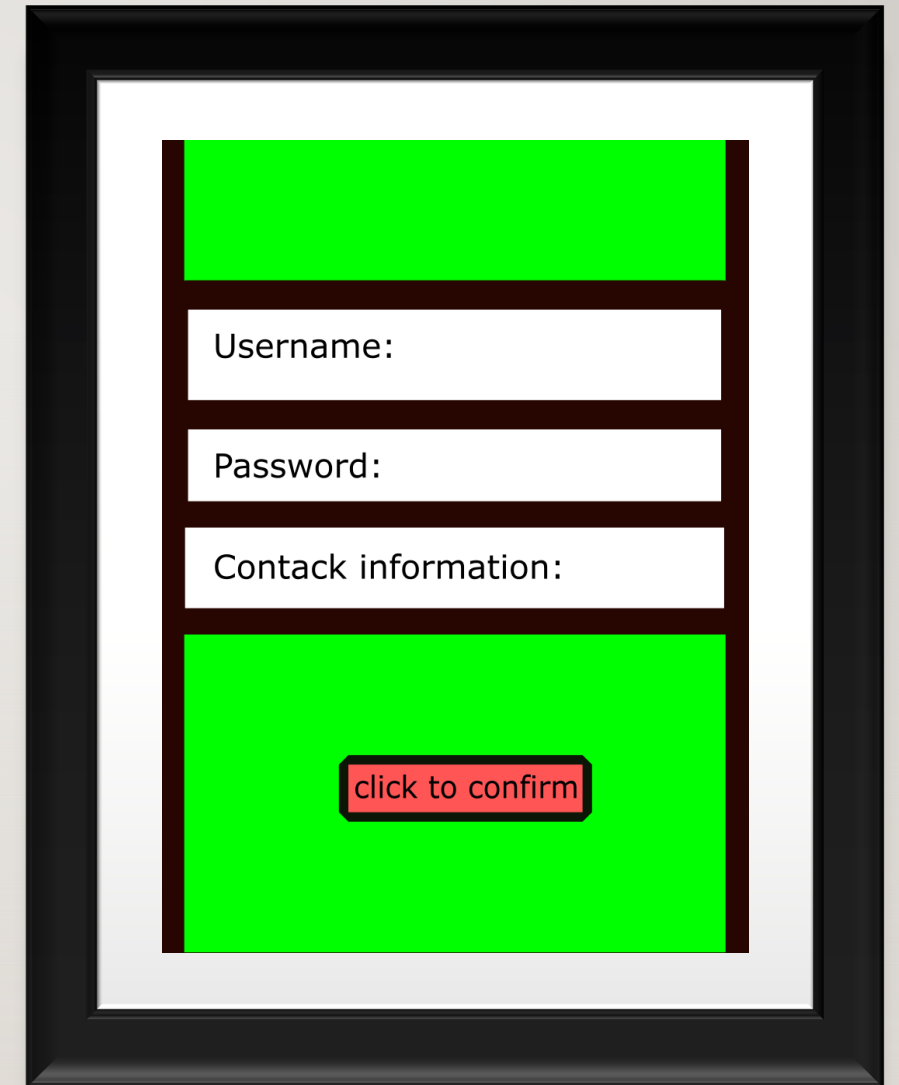
This screen allow user to choose log in with existed account or sign up new account.



A mockup of a user login screen displayed on a tablet. The screen has a white background and is framed by a thick black border. At the top, there is a solid green rectangular area. Below this, there are two white input fields with dark borders. The first field is labeled "Account:" and the second is labeled "Password:". At the bottom of the screen, there is another solid green rectangular area. Overlaid on this green area are two red buttons with black borders. The left button is labeled "Log in" and the right button is labeled "Sign up".

REGISTRATION PAGE

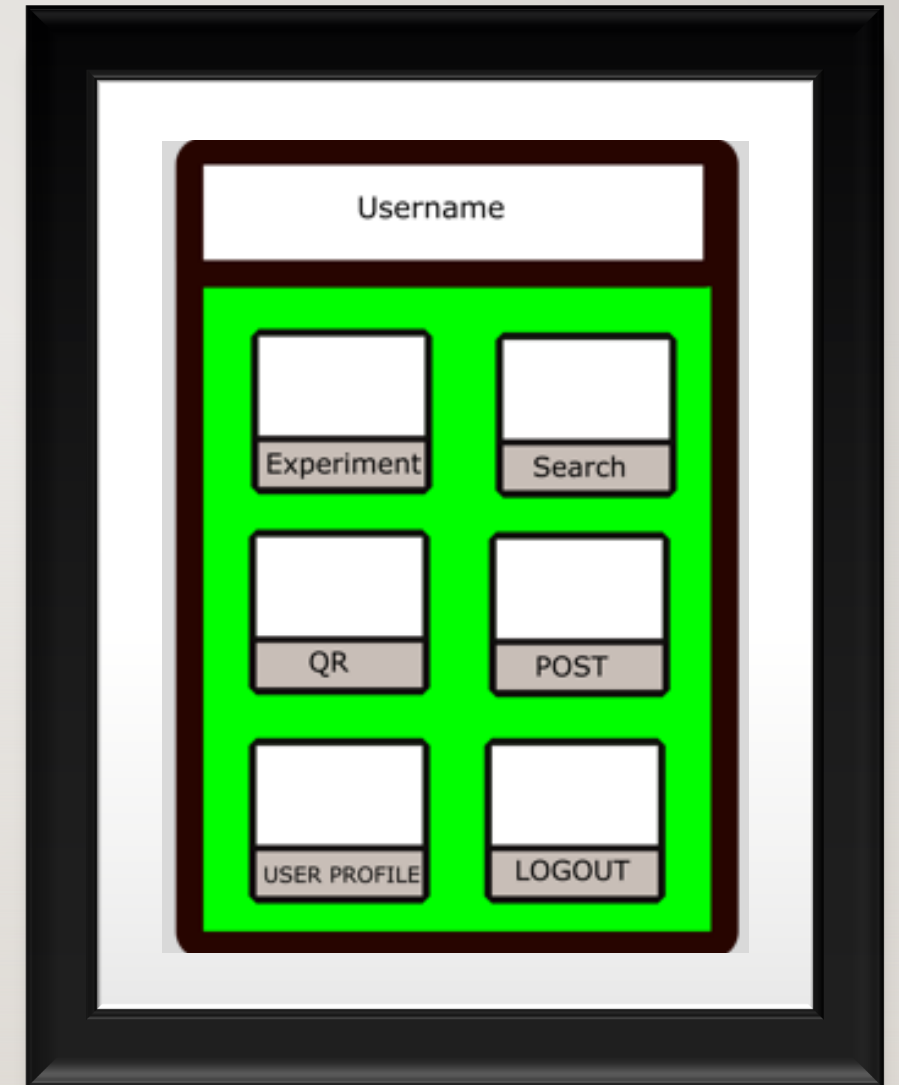
This screen allow user to register unique account with username, password and contact information.



The image shows a registration page layout within a black frame. It features a green header bar at the top. Below it are three white input fields with dark borders, each preceded by a label: 'Username:', 'Password:', and 'Contact information:'. At the bottom of the form is a large green rectangular area containing a red button with the text 'click to confirm' in black. The entire form is set against a white background within the frame.

HOME SCREEN

The home screen is the first activity after user login. This screen would allow user to do operation such as experiment, QR code, profile, search, post and logout.



SEARCH EXPERIMENT

- The search screen would allow user to search the experiment which is record into the database.
-
- The searching optional could be choose as owned experiments and participated experiments. And the bottom fragment could allow user to create new experiment with following option: Binomial, Count, Measurement and Nonnegative.

SEARCH

☒ Owned Experiments

☐ Participated Experiments

Experiment A

Experiment B

Experiment C

Experiment D

Experiment...

New Experiment for:

☐ Binomial

☐ Count

☐ Measurement

☐ NonNegative

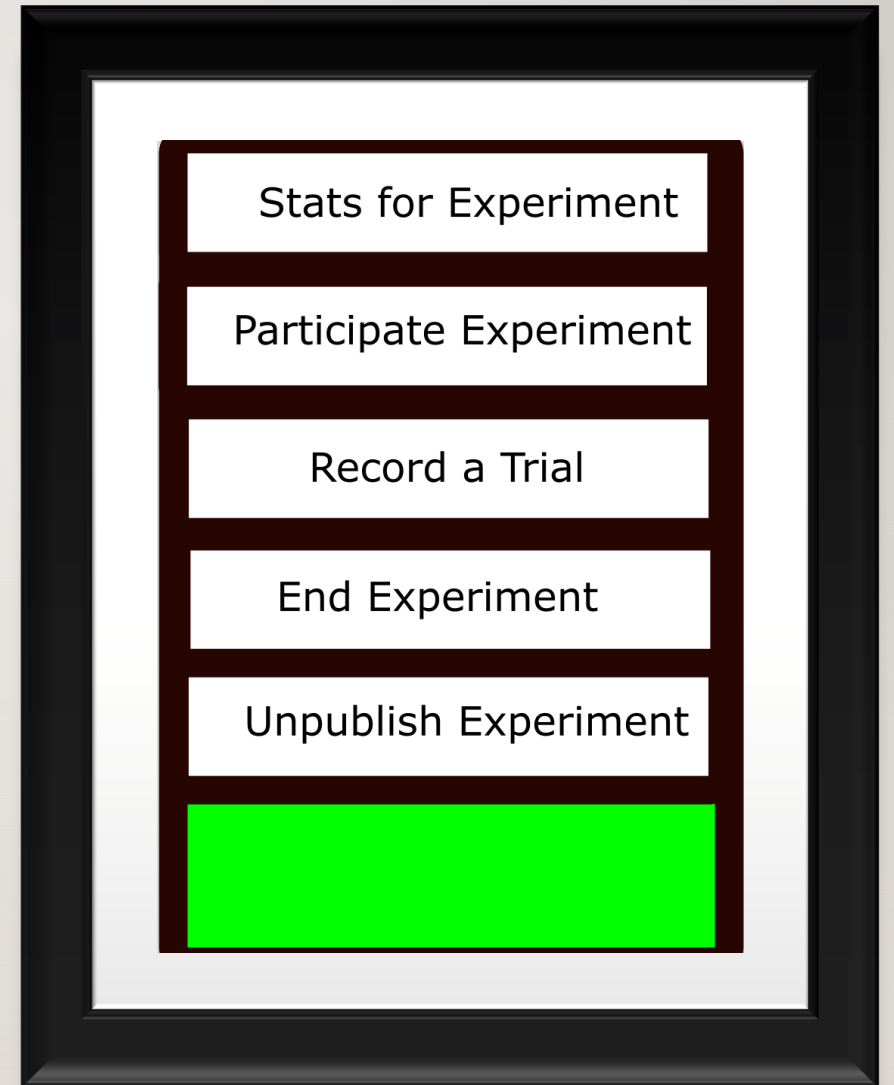
Description

minNumOfTrials

Pick a region

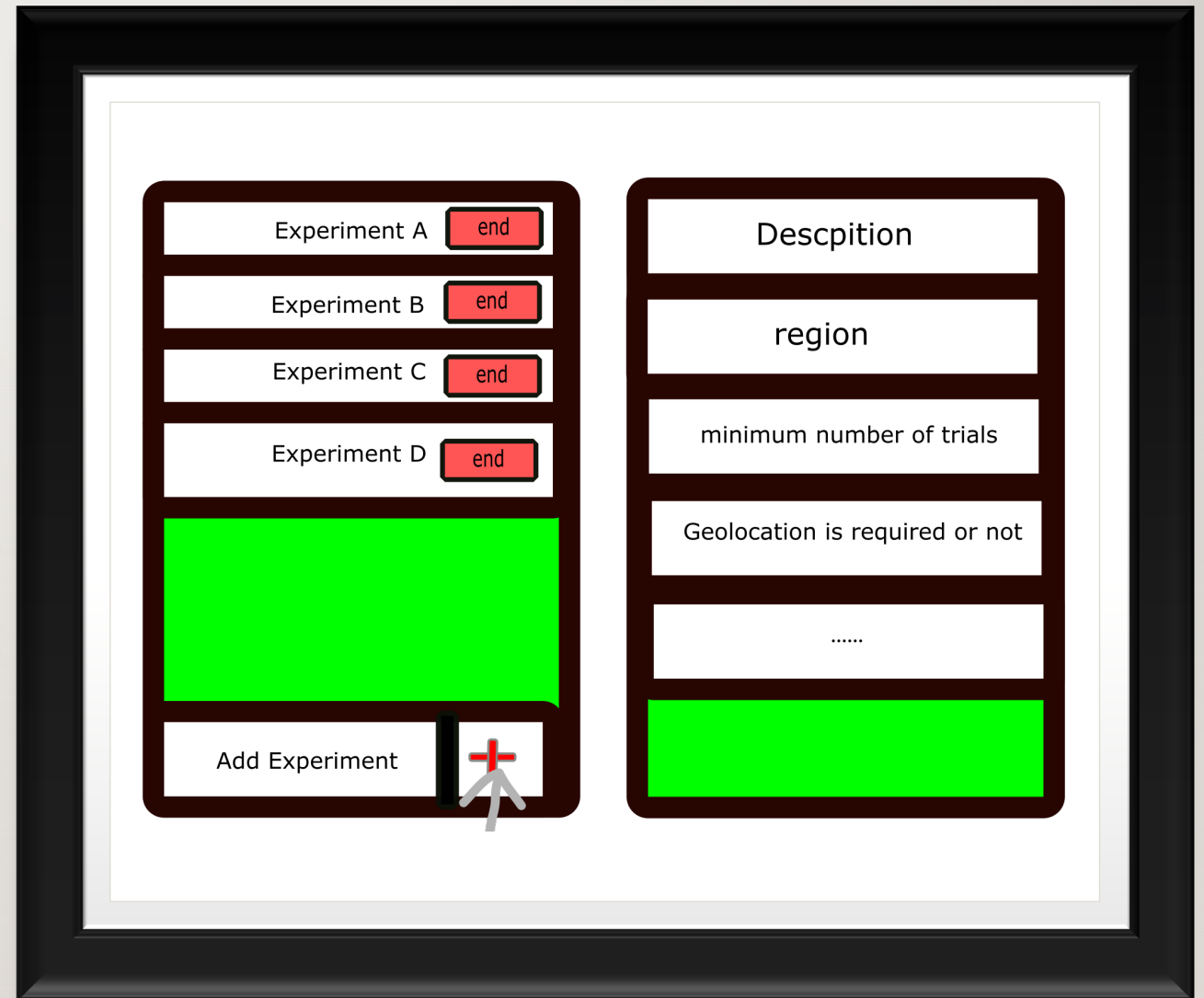
EXPERIMENT DETAIL

This screen would be shown when user click the experiment list and would present the detail of the experiment.



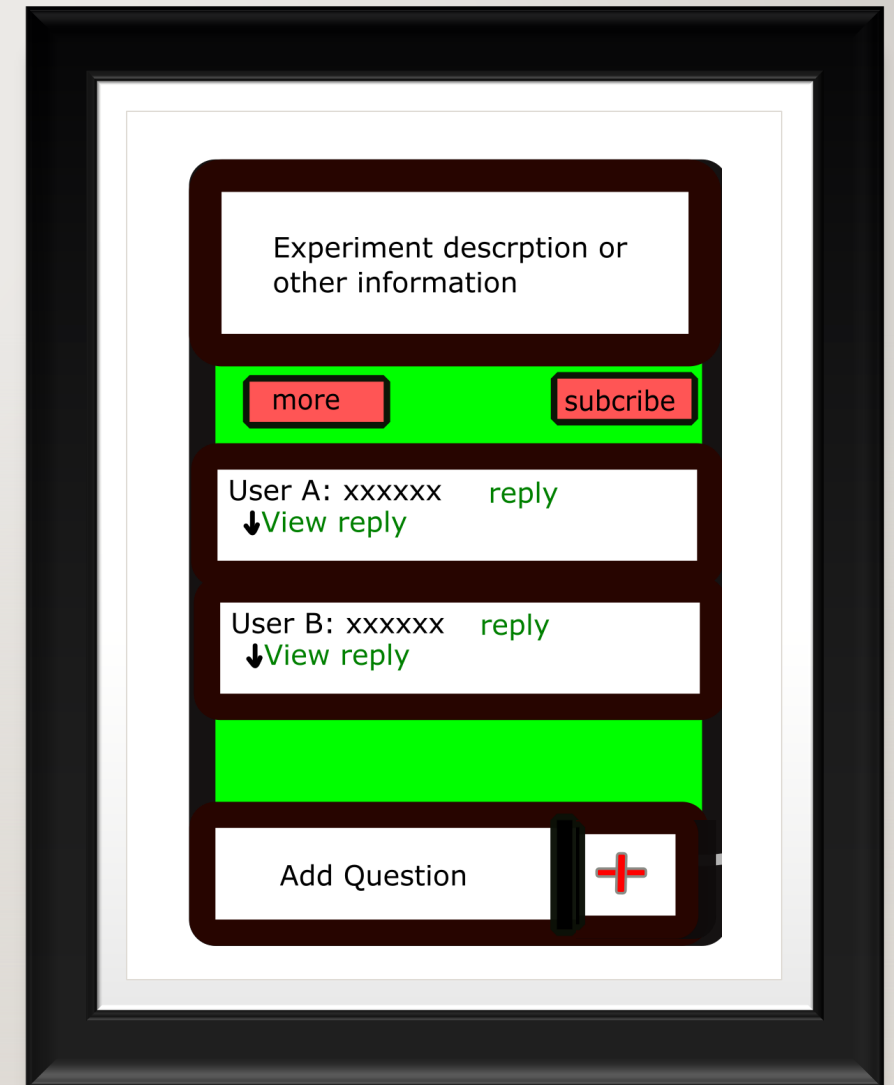
EXPERIMENT SCREEN

Contain the exist experiment list showed in the screen and has functionality to add new experiment. The add button would transfer to the new page with the information should be recorded, such as description, region etc.. In addition, in the list of view, each experiment has option to end it through end button.



EXPERIMENT DETAIL FRAGMENT

- By clicking the exist experiment in the list, the detail would show with a fragment. The detail fragment would allow user to do operation, such as show more or subscribe it. And fragment has a list of other users' replied statement. User is allowed to reply those statement or view the information that who already replied this statement.

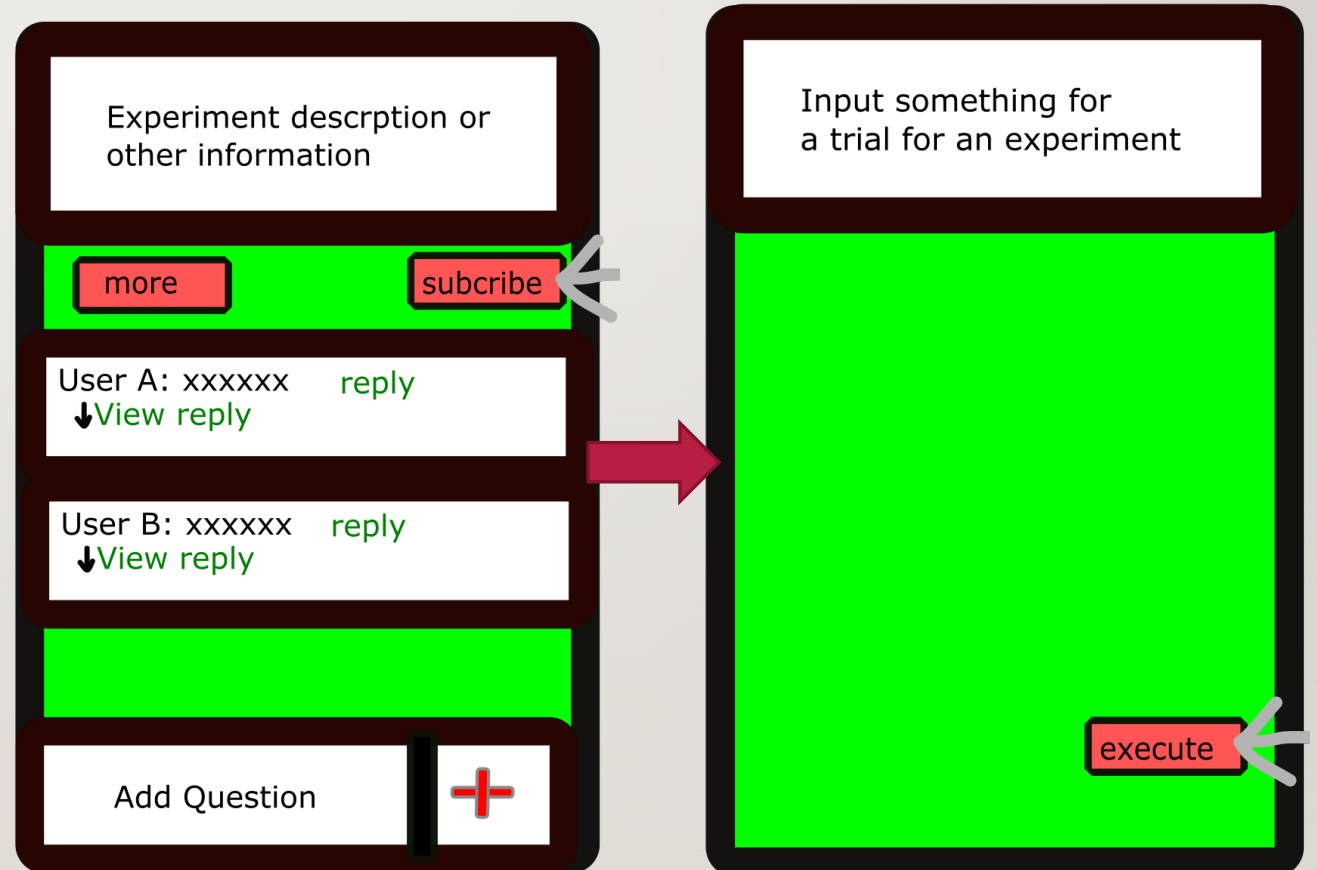


VIEW REPLY VS. REPLY



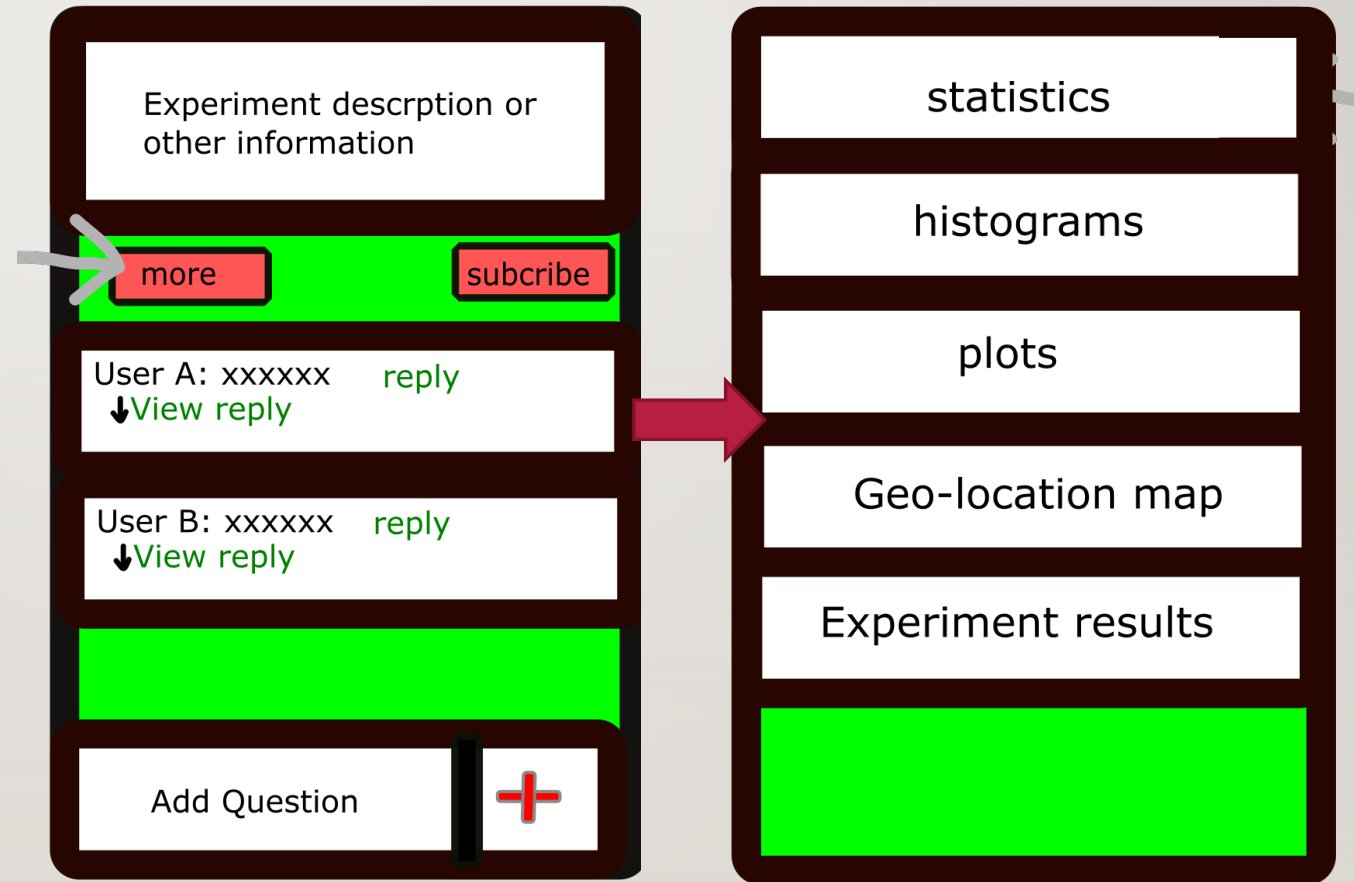
SUBSCRIBE EXPERIMENT

User is allowed to subscribe the experiment by clicking subscribe button to put some data for trial and execute it.



MORE INFORMATION

User is allowed to view more information for this experiment by clicking the more button. The new page would shown with statistic, histograms, plots, geo-location map and experiment results.



DETAIL FOR EXPERIMENT DATA

STATISTIC

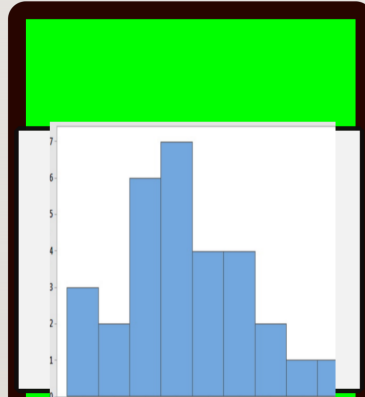
QUARTILES

MEDIAN:

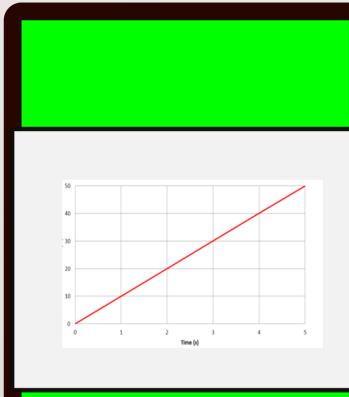
MEAN:

STDEV:

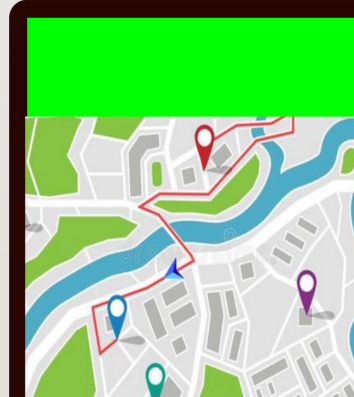
HISTOGRAMS



PLOTS



GEO-LOCATION MAP



EXPERIMENT RESULTS

Trials A

Trials B

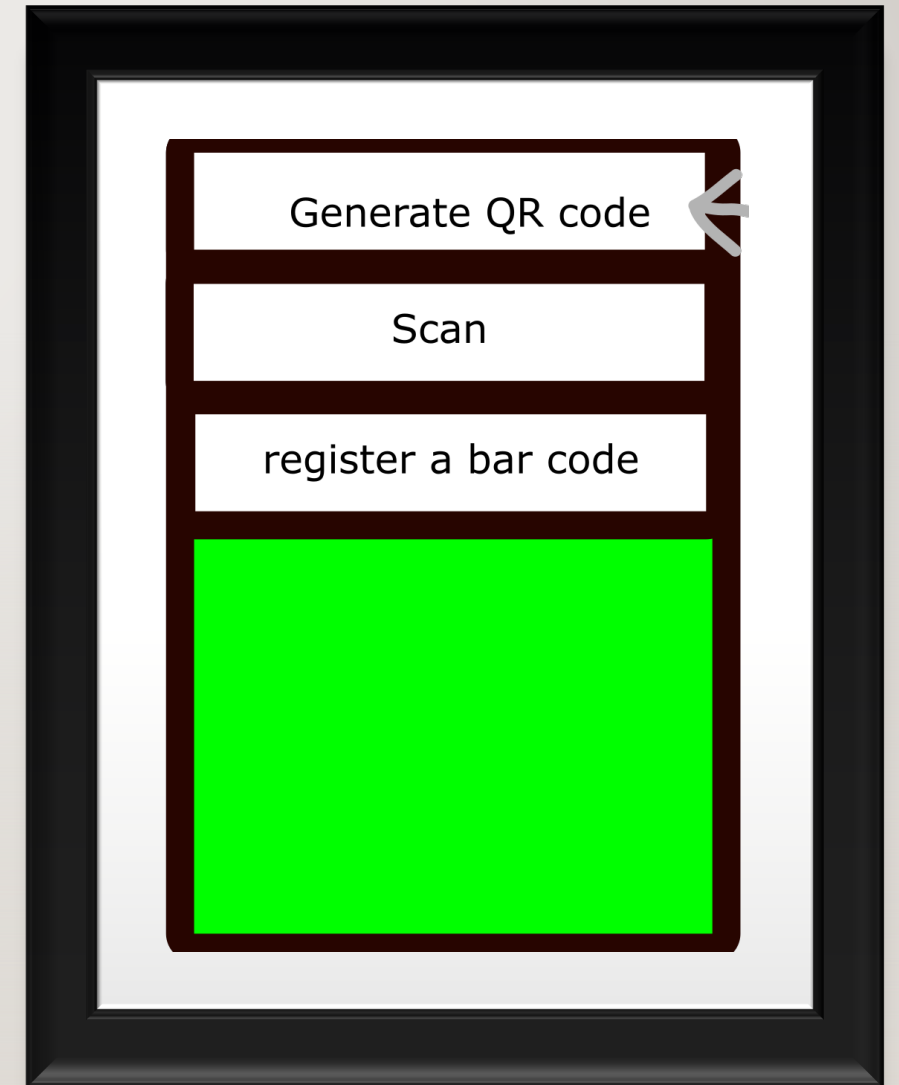
Trials C

Trials D

.....

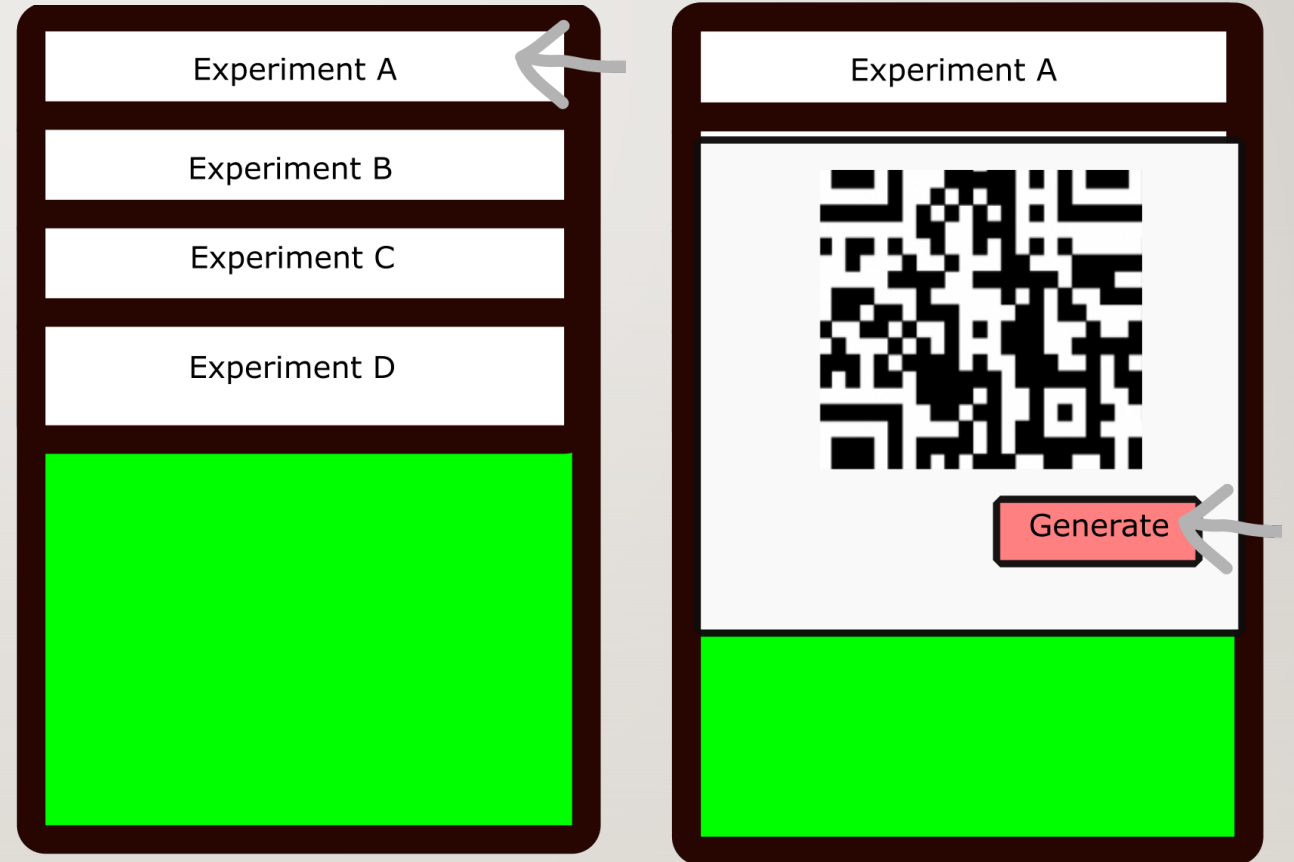
QR CODE ACTIVITY

User could access QR code activity page through home page by clicking QR code button. This page allow user generate QR code for each experiment, scan the QR code from other source and register a bar code.



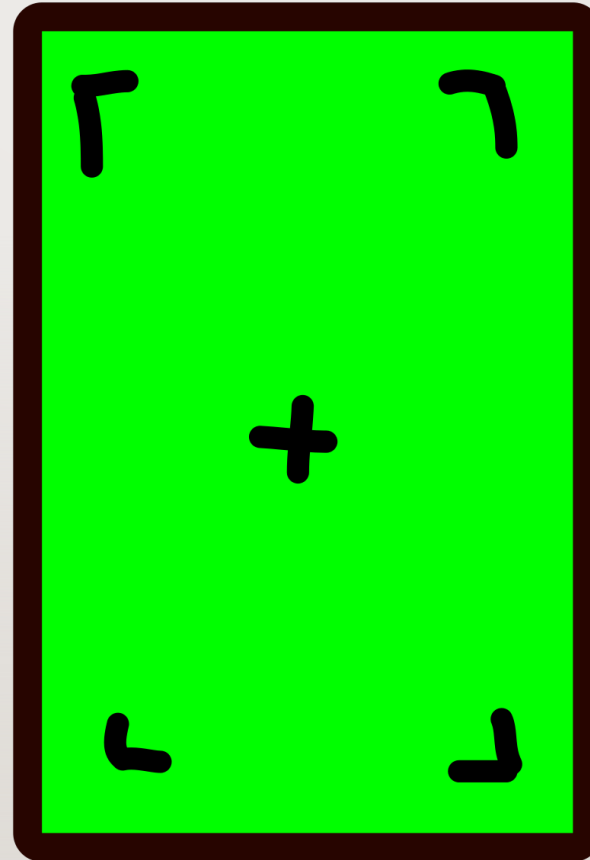
GENERATE QR CODE

User is allowed generate QR code by clicking the chosen experiment. The QR code would template to show at first then user could decide to drop it or generate it.



SCAN QR CODE

User is allowed to scan the QR code through camera. After scan the correct QR code, the fragment would shown with information result and increment counts.



Result: success/failure

increment counts

REGISTER A BAR CODE

Same as generating QR code, user is allowed to register a bar code by clicking the chosen experiment, and the template of the bar code would shown.



USER PROFILE

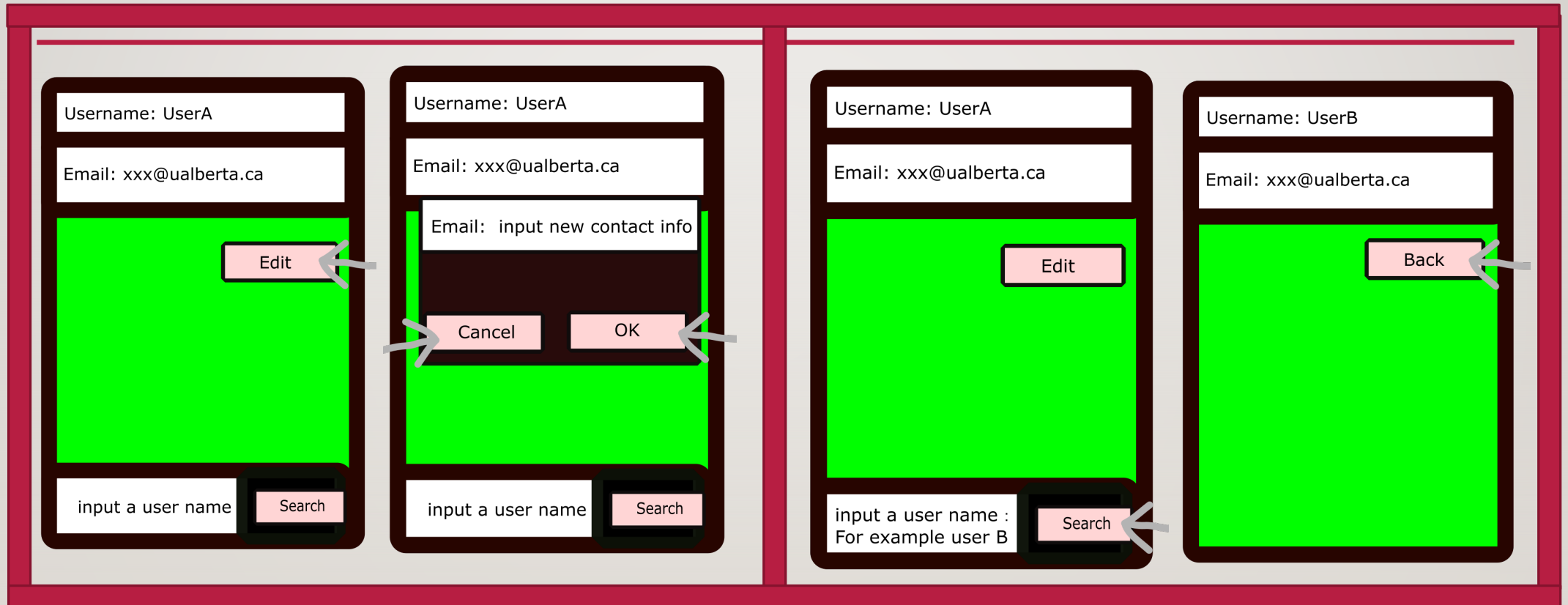
User could access user profile activity page through home page by clicking user profile button. This page allows user to view the user's own information. User is allowed to edit the profile or search other users.



A user profile form with a dark red border. It contains fields for Username (UserA) and Email (xxx@ualberta.ca). A large green rectangular area represents a profile picture. An 'Edit' button is located on the right side of the green area. At the bottom, there is a search bar with the placeholder text 'input a user name' and a 'Search' button.

Username: UserA
Email: xxx@ualberta.ca
<div><div></div><div>Edit</div></div>
<div><div>input a user name</div><div>Search</div></div>

EDIT VS. SEARCH



SEARCH ACTIVITY

User could access search activity page through home page by clicking search button. This page allow user search the exist experiments which are post by other user. The page would shown the list of view of experiment with information of owner and status. User is allowed to view the detail of the experiment in the list as same as experiment detail page, and do the operation for it.

