Mock Up

March 15, 2021 11:06 PM

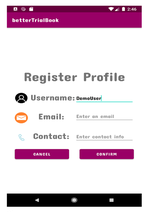
Initial Screen
A list of experiment will be displayed on the screen at the beginning.

User can start searching the experiments by entering keywords, scan QR codes to add trials to the experiments, and create an experiment.

The user can access its profile page and their subscription page by clicking on the top-right screen.

Non-Registered User Profile Screen
A designated generated ID is shown for the non-registered user profile screen. Username, E-mail and Phone are the default value.

User can sign up to become the registered User Profile.

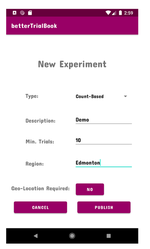


Sign up screen
User must enter the username and confirm in order to sign up as registered user.

Email and Contact is not required to fill in.

Registered User Profile Screen
User can view the information details. User can change the contact information by clicking the "EDIT CONTACT INFO"

Edit User Contact Information
User enters the email or phone to apply to their profile.
Email and Contact is not required to fill in. User can fill in partial information to proceed as well.



Add a New Experiment
User can create a new experiment by:
1) Select the type of the experiment
2) Fill in the Description of the experiment
3) The target number of trials to reach
4) The region

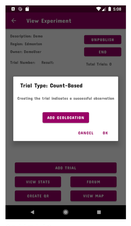
User can decide if the geolocation is required or not.

Scan QR Code Screen
User can scan QR Code and increment and decrement the value for the assigned experiment.

Experiment View Screen (Experimenter)
User as Owner can view the statistical information of the experiment, add trials to the experiment, open the forum for Q&A related to the experiment and view the Geolocation where the trial is taken if the experiment requires geolocation.

Experiment View Screen (Owner)
User as Owner can view the statistical information of the experiment, add trials to the experiment, open the forum for Q&A related to the experiment and view the Geolocation where the trial is taken if the experiment requires geolocation.

User can decide to unpublish the experiment or end the experiment.



***Add Trial Screen**
Depends on the type of the experiment, A fragment will pop up for the user to enter certain experiment result for the trial.

Click the add Geolocation will go to the Marker Screen.

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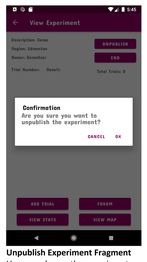
Trial Type Fragments:

Trial Type Non-negative Integer Fragment

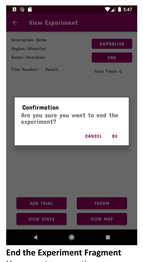
Trial Type Count-Based Fragment

Trial Type Measurement Fragment

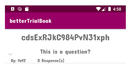
Trial Type Binominal Fragment



Unpublish Experiment Fragment
User can change the experiment from publish to unpublish. After clicking ok, other users won't be able to search the experiment in the home screen.



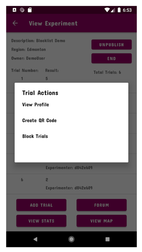
End the Experiment Fragment
User can stop accepting new trials from other experimenters. After clicking ok, all users won't be able to add any trials for the experiment.



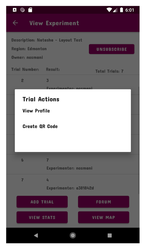
Forum Screen
User can post question and answer the question. Clicking the question can expand the field and see their corresponding answers.

Post Question Screen
User enters the required field and press submit in order to post a question in the forum.

Answer Question Screen
User enters the required field And press submit button to post the answer for the related question.

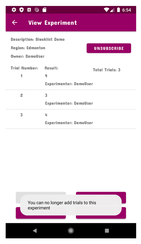


Trial Action Fragment(1)
User as Owner can do the following action for the trial:
1) View experimenter profile
2) Create QR Code
3) Block the Trials, which will blacklist the experimenter



Trial Action Fragment(2)
User as Experimenter can do the following action for the trial:
1) View experimenter profile
2) Create QR Code

Generate QR Code Screen
User can generate QR code for the experiment for other interested experimenter.



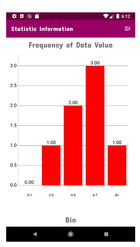
Black-List Experimenter fail to add Trial Fragment
User cannot add any trial to the experiment and go into the experiment page if the owner blocks / blacklists the user.

Statistical Screen
User can view statistical information of the experiment.

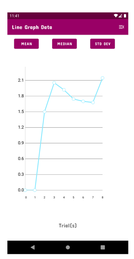
Clicking the first icon will go to Histogram

Clicking the second icon will go to line graph

Clicking the third icon will go back to the experiment overview.

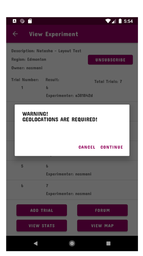


Histogram Screen
User can see the frequency of occurrence with the respected bin.



Plot Screen(1)
User can see the result over time. They can see mean over time, median over time and standard deviation over time.

Plot Screen(2)
User can see the total count for the day in this plot screen if the experiment type is Count-Based Trial.

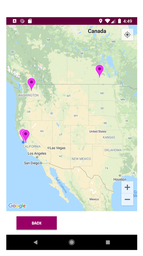


Geolocation Warning Fragment
If the geolocation is required for the experiment,
The warning fragment will pop up to remind the user.

User can press continue to add a trial.

User can press cancel to not add a trial.

Marker Screen
After the User clicks add geolocation in the experiment screen,
The User can place their maker in any location they want to indicate the geo-location.



View Map Screen
After the User clicks the View Map in the experiment screen,
The user can see other locations where the other trials take place.