Trey Cahill

Use Cases

Report Experiment Participant Lists

Description: When the user is a researcher, the user will be able to export a csv file, filed with the Experiment name and participant and times.

Basic Flow:

1. The researcher will check what experiments to export to the csv file from the list of experiments in the researcher side view
2. The researcher will click “Export to CSV”
3. The system will generate a csv file from the selected experiment displaying the name of the experiment and the names of participants with their times
4. The system will then start the download of the file to the researchers computer
5. When the system has completed 3 and 4, the system will display a message box “Export Complete!”
6. The researcher will click “OK” or the exit button on the message box
7. The system will be back in the researcher side view.

Alternative Flow:

1. The researcher did not select any experiment. An error window will appear.
2. The system encounters an error when pulling data from the database. An error window will appear
3. The system encounters any error when creating the csv file. An error window will appear
4. The system cannot download the file to the researcher’s computer. An error window will appear
5. The researcher will deny the download of the csv. A message box will appear
6. The user exits the browser

Preconditions:

1. The researcher must be logged in as a researcher
2. The system is in the researcher side view
3. The researcher must already have experiments scheduled

Postconditions:

1. The system is back in the researcher side view

Features that Map to this use case: Export Experiment Participant List

Calendar/List of All Experiments (I am treating this as a list)

Description: The list will show the soonest to be conducted experiments (10) and will allow for a user to click and view more information on the experiment

Basic Flow:

1. The system loads the first 10 experiments
2. The user can scroll down the list
3. The user selects an experiment

Alternative Flow:

1. The system errors when loading the first 10 experiments from the database
2. The user goes to another website
3. The user attempts to log into the researcher page and fails
4. The user attempts to log into the researcher page and has success
5. The user clicks on the next 10 experiments and repeats basic flow 1 to 3
6. The user exits the browser

Precondition:

1. The user is on the web page

Postcondidtion:

1. The system is showing an experiment or the browser is on a new page

Features that Map to this use case: All calendar Experiments, Browse Experiments, Persistent Experiment Storage,