

User Interaction with the app

Getting through the login screen:

- Username: username1
- Password: password1

Then put onto filter view where you can choose between location and battery usage. Select the number of instances, and choose the initial filter dates (this screen can be returned to at any time to refine queries).

From here on the top left you can find the Map screen. This plots the data on an interactive map.

The filters along the left hand side of the page allow you to filter by:

- Custom: Show/hide circle brings up or hides the filter circle while refresh will refresh the filter to only show markers that are within the bounds of the filter circle.
- User: Enables the application to filter the data by a unique user ID to find out the position of a particular users' markers.
- Application: Each marker represents an app instance at a specific point in time so this filter only displays markers that use a particular app.

- Location: This filter simply allows the user to specify to an accurate degree the position and radius of the green circle filter (it needs to be shown on the map before filtering).
- Date/Time: This will filter the apps within the range of of a Start-Date and

End-Date.