

User Stories and Acceptance Tests for Researcher Functionality

As a researcher I want to be able to securely log in to the system so I can view content.

Test 1: Initial interaction:

Criteria:

- Researcher user is not currently logged into system.

Action:

- Researcher loads the research home page URL.

Result:

- Researcher login page should appear with a login prompt.

Test 2: Invalid credentials:

Criteria:

- Researcher is currently at login page.

Action:

- Researcher enters invalid username and/or password.

Result:

- An invalid login error occurs with the following message:
“Invalid username or password. Please try again or contact your administrator.”

Test 3: Valid credentials:

Criteria:

- Researcher is currently at login page.

Action:

- Researcher enters valid credentials.

Result:

- Researcher home page is loaded.

As a researcher I want to be able to push content to passengers which appear in the news feed so I can notify passengers.

Test 1: Pushing content to passengers:

Criteria:

- Researcher is logged in.
- Researcher is at the Push Content screen.

Action:

- Researcher submits information with given rules below.

Rules for showing content.
Passenger selection rule.
On next login by passenger.
To be shown after a date and time.
To stop being shown at a date and time.

Result:

- Researcher sees message confirming request has been entered.
- Content appears on passengers news feed according to selected rules.
 - Only passengers satisfying passenger selection rule.
 - Shows and disappears at date and time specified.

Test 2: Invalid content or rules selected:

Criteria:

- Researcher is logged in.
- Researcher is at the Push Content screen.

Action:

- Researcher submits information with invalid set of rules or invalid content.
 - Invalid rules: past stop being shown date and time, passenger selection rule selects no passengers.
 - invalid content: No content, content too large, content contains invalid characters.

Result:

- Researcher sees message indicating submission failed and why and allows them to edit request.

As a researcher I want to be able to view the log of alerts so I can analyse and respond to them.

Test 1: Viewing and ordering alerts:

Criteria:

- Researcher is logged in.
- Researcher is at the View Alerts screen containing a table of alerts with option to order them by various columns.

Action:

- Researcher clicks on column heading. e.g. Date.

Result:

- Alerts view to be refreshed and reordered by chosen column (Date).
- If the previously chosen column is the same as the clicked heading, the order will be shown in reverse.

Test 2: Selecting alert to respond to:

Criteria:

- Researcher is logged in.
- Researcher is at the View Alerts screen containing a table of alerts with option to order them by various columns.

Action:

- Researcher clicks on 'respond' link in alert row.

Result:

- An alert response page appears.

As a researcher I want to be able to verify passengers issue as true or false so I can improve data quality.

Test 1: Marking issue as false:

Criteria:

- Researcher is logged in.
- Researcher is viewing an issue submitted by passenger.

Action:

- Researcher clicks button to tag issue as false.

Result:

- Researcher receives confirmation that issue is marked as false.
- Issue no longer shown with 'true issues'.

As a researcher I want to be able to label a passenger based on a query result so I can select their label for survey questions and notifications.

Test 1: Request to create new Label:

Criteria:

- Researcher is logged in.
- Researcher is viewing Labels screen.

Action:

- Researcher chooses to create new label.

Result:

- An empty label edit screen is loaded.

Test 2: Testing Editing Label:

Criteria:

- Researcher is logged in.
 - Researcher is viewing the Label Edit screen.
- Action:
- Researcher edits query parameters and/or label name.
 - Researcher clicks test query button.
- Result:
- Query result shown and Researcher has options to submit or continue editing.

Test 3: Submitting edited Label:

- Criteria:
- Researcher is logged in.
 - Researcher is viewing the Label Edit screen.
- Action:
- Researcher edits query parameters and/or label name.
 - Researcher clicks submit label.
- Result:
- Researcher is redirected to Labels screen with new label shown.

Test 4: Deleting a Label:

- Criteria:
- Researcher is logged in.
 - Researcher is viewing Labels screen.
- Action:
- Researcher selects to delete a label.
- Result:
- 'Label deleted' text shown and 'undo' button.

As a researcher I want to be able to download raw data from the database in CSV format so I can use offline analysis tools.

Test 1: Downloading raw data:

- Criteria:
- Researcher is logged in.
 - Researcher is viewing the Raw Data Download screen.
- Action:
- Researcher selects to download data.
- Result:
- Zip file downloaded that includes all data in CSV format.