Test plan

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Version table

Version	Date	Changes
1.0	15.12.2022	Initial document

Test strategy

The current test strategy involves unit, integration and end to end testing as well as user acceptance testing.

As for the end of Sprint 5, there is full coverage of the service layer with unit test. Mocking has been used. The end to end user testing will be performed in Sprint 6 by using Cypress.

User Acceptance Tests

Login

Test flow:

1. Click on on the "Get Started" button on the top right corner
2. Fill the email/username and password.
3. Submit.

Pre-conditions:

- User has an existing account
- User knows the password and the email

Test data:

- Email: user@gmail.com
- Password myStr0ngPa55word

Expected result:

- The user sees the homepage

Join household

Test flow:

1. Click on "Join Household" button in the navbar.
2. Fill the join code.
3. Submit

Pre-conditions:

- User has an existing account
- User has logged in
- User has a valid join code

Test data:

- Join code: 1000

Expected result:

- The user sees different navbar and is no longer asked for a joincode

View all announcements

Pre-conditions:

- User has an existing account.
- User has logged in.
- User has joined a household.
- There are already existing announcements.

Test flow:

1. Select "Announcement" from the navbar.

Expected result:

- The user sees a list of announcements.

Filter announcements

Pre-conditions:

- User has an existing account.
- User has logged in.
- User has joined a household.
- There are already existing announcements
- User is already on the Announcements page

Test data:

- Type: Warning
- Text: "today"

Test flow:

1. Select the "Warning" type.
2. Select the search bar and type "today".

Expected result:

- The user see only "Warning" announcements that contain the word "today"

[Admin] Search for households

Pre-conditions:

- User has an existing account.
- User has logged in.
- Admin role is assigned.
- There are already existing households**.**

Test data:

- Post code: "1111AA"

Test flow:

1. Click on "Manage households" in the navbar.

2. Select the search bar and type the post code.

Expected result:

Only households with the specific post code are displayed.

[Admin] Deleted selected household

Pre-conditions:

- User has an existing account.
- User has logged in.
- Admin role is assigned.
- There are already existing households**.**
- User is already on the manage households page.

Test data:

- Household postcode: "1111AA"
- Household name: "The best place!"

Test flow:

1. Search for the household by typing the postcode.
2. Find the household entry with matching postcode and name.
3. Click on the "Delete" button on the right of the row.
4. Confirm the choice.

Expected result:

- The household is no longer part of the list showing all households.

Post an announcement

Pre-conditions:

- User has an existing account.
- User has logged in.
- User has joined a household.
- There are already existing announcements
- User is already on the Announcements page

Test data:

- Type: "Info"
- Body: "This is a test announcement"

Test flow:

1. Click on "Add new" button.
2. Fill the body and select type.
3. Submit.

Expected result:

- After the submission, the user is redirected to the announcement page and can see their new announcemet.

Log out

Pre-conditions:

- User has an existing account.
- User has logged in.

Test flow:

1. Click on the log out icon on the top right of the page

Expected result:

- The user is redirected to the landing page of the app.

Delete your own announcement

Pre-conditions:

- User has an existing account.
- User has logged in.
- User has joined a household.
- User have already created an announcement.
- User is already on the Announcements page

Test data:

- Type: "Info"
- Body: "This is a test announcement"

Test flow:

1. Use the search and filter to find the announcement that is going to be deleted.
2. Click on the delete icon.
3. Confirm the deletion.

Expected result:

- The deleted announcement is no longer part of the list.