

Here you'll find the tests that we ran during iteration 5.

Automated testing

Client code test, April 25th, 18:09

Tester: Sofia Kristiansen

For a more detailed look and a clickable version:

1. Clone our GitHub repo.
2. Go to `documentation/jest-testreports/coverage_2018-04-25/lcov-report`.
3. Open the `index.html` in a web browser.

All files

72.86% Statements 153/210 **74.32%** Branches 55/74 **68%** Functions 68/100 **72.86%** Lines 153/210

Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

File		Statements	Branches	Functions	Lines				
src	<div><div></div></div>	26.67%	12/45	35.71%	5/14	24.14%	7/29	26.67%	12/45
src/component/account	<div><div></div></div>	80%	4/5	50%	1/2	100%	2/2	80%	4/5
src/component/authentication	<div><div></div></div>	76.74%	33/43	100%	19/19	76.47%	13/17	76.74%	33/43
src/component/chat	<div><div></div></div>	75%	3/4	50%	1/2	100%	2/2	75%	3/4
src/component/friends	<div><div></div></div>	80.56%	29/36	90%	9/10	77.78%	14/18	80.56%	29/36
src/component/settings	<div><div></div></div>	70%	7/10	42.86%	3/7	100%	3/3	70%	7/10
src/component/settings/admin	<div><div></div></div>	100%	1/1	100%	0/0	100%	1/1	100%	1/1
src/component/settings/superUser	<div><div></div></div>	100%	1/1	100%	0/0	100%	1/1	100%	1/1
src/component/settings/user	<div><div></div></div>	93.94%	31/33	88.89%	16/18	90.48%	19/21	93.94%	31/33
src/examples-for-tests	<div><div></div></div>	100%	14/14	50%	1/2	100%	6/6	100%	14/14
src/styles	<div><div></div></div>	100%	17/17	100%	0/0	100%	0/0	100%	17/17
src/utils	<div><div></div></div>	100%	1/1	100%	0/0	100%	0/0	100%	1/1

Code coverage generated by [istanbul](#) at Wed Apr 25 2018 18:09:14 GMT+0200 (CEST)

Manual testing

April 27th, 09:04

Tester: Sofia Kristiansen

Version: 0.1

Description of the test environment

MacBook Pro, macOS High Sierra version 10.13.4.

Web browser:

- Firefox 59.0.2

- Chrome 65.0.3325.181
- Safari 11.1

Taurus PC, Windows 10.

Web browser:

- Microsoft Edge 41.16299.371.0
- Firefox 59.0.2

iPhone 5s, iOS 11.2.1.

Web browser:

- Safari 11
- Firefox 11.1
- Chrome 66.0.3359.122

Requirement	Test case	Status	Comments
F1	T.1.1	Pass/Fail	Mac firefox, chrome, safari AND PC Edge, firefox AND iPhone 5s safari, firefox, chrome: Pass on the registration part, but email with consent and confirmation link is not yet implemented. All devices: Fail when trying to register over http, only works over https.
F1	T.1.2	Pass/Fail	All devices: Pass and fail, validation is there but the message "Formuläret ej korrekt ifyllt!" is not giving a hint to what went wrong.
F1	T.1.3	Pass/Fail	All devices: Pass and fail, validation is there but the message "Formuläret ej korrekt ifyllt!" is not giving a hint to what went wrong.
F1	T.1.4	Pass/Fail	All devices: Pass and fail, validation is there but the message "Något gick fel. Försök igen!" is not giving a hint to what went wrong.
F1	T.1.5	Pass/Fail	All devices: Pass and fail, validation is there but the message "Formuläret ej korrekt ifyllt!" is not giving a hint to what went wrong.
F2	T.2.1	Pass/Fail	Mac firefox, chrome AND PC edge, firefox AND iPhone 5s safari, firefox, chrome: Pass on login functionality. Fail that one needs to update the page after login to be able to see the user page. Mac safari: Pass. I am redirected to my user page. All devices: Fail when trying to login over http instead of https, can't login with either test1 or johndoe.
F2	T.2.2	Pass/Fail	All devices: Pass and fail, validation is there but the message "Formuläret ej korrekt ifyllt!" is not giving a hint to what went wrong.
F2	T.2.3	Pass/Fail	All devices: Pass and fail, validation is there but the message "Formuläret ej korrekt ifyllt!" is not giving a hint to what went wrong.
F2	T.2.4	Pass/Fail	All devices: Pass and fail, validation is there but the message "Något gick fel. Försök igen!" is not giving a hint to what went wrong.
F2	T.2.5	Pass/Fail	All devices: Pass and fail, validation is there but the message "Något gick fel. Försök igen!" is not giving a hint to what went wrong.
F2	T.2.6	Pass/Fail	All devices: Pass and fail, validation is there but the message "Formuläret ej korrekt ifyllt!" is not giving a hint to what went wrong.
F3	T.3.1	Pass/Fail	Mac firefox AND PC firefox: Fail, can not click or open the menu in the top right. Mac safari, chrome AND PC Edge AND iPhone 5s safari, firefox, chrome: Pass, without any problems.
F4	T.4.1	Fail	All devices: Fail, the friend was added instantly instead of sending a friends request for approval by the other user.

F4	T.4.2 Pass/Fail	All devices: Pass and fail, validation is there but the message "Något gick fel. Försök igen!" is not giving a hint to what went wrong.
F4	T.4.3 Fail	All devices: Fail, not implemented yet.
F4	T.4.4 Fail	All devices: Fail, not implemented yet.
F4	T.4.5 Fail	All devices: Fail, not implemented yet.

Points of improvement

1. **Solved** The user page after login should have smaller buttons on mobile device for "Mina chattrum", "Mina vänner", "Starta videosamtal" and "Starta livestream", preferably two buttons on one row, so that the user doesn't have to scroll up and down.
2. **Solved** A user can't register or login over http, only over https. When using http in the URL the user should be redirected to https instead.
3. **Solved** A user is able to add themselves as a friend. This should not be possible.
4. **Solved** A user is sometimes able to add the same friend multiple times. The user should get a message that the friend is already a friend or that the friend request has already been sent.
5. **Solved** When trying to surf to urls ending with /login or /register I get an error message stating: "The resource you are looking for has been removed, had its name change, or is temporarily unavailable." This happens on all devices in all browsers.
6. **Solved** All error messages should be more specific as to what went wrong. For example when someone tries to register without putting in a username, the error message should be something like "Användarnamn krävs" or "Du måste skriva in ett användarnamn". When someone tries to add a non-existent user as a friend, the error message should be something like "Användaren finns inte". Make sure to look at the test cases as to what the error messages should be.
7. **Solved** An email with consent and confirmation link should be sent after someone successfully registered.
8. **Solved** After a successful login the user should be automatically redirected to their user page.
9. **Solved** In Firefox on Mac and PC the user is unable to open the menu in the top right corner.

Analysis

((Describe the feeling of the system, does it feel stable/shaky, what parts are good, what needs to be worked on.))

The system looks good on all devices it was tested on, no horizontal scrolling was ever necessary. The application has a simple and self-explanatory user interface which the customer is asking for.

The feeling of the system is somewhat shaky, since the majority of the test cases both pass and fail at the same time. The test cases passes because the functionality is there and it is working, but it doesn't have the right error messages, redirecting or is fully implemented yet. Further explanation to why the system feels shaky and what needs to be worked on to get all test cases to pass is stated in the **Points of improvement** above.

The system feels stable on:

- None of the devices as of now.

The system feels shaky on:

- All devices.