Shopping QA Challenge: Newsletter Testing

Some links in our newsletters contain tracking parameters. It is important to be sure that their values are as expected. Therefore we need our automated tests. We use the framework Cypress (https://docs.cypress.io/) to run the tests in a web browser.

Task: Write two test cases to filter out all links they contain the tracking param „wpset" or „utm_campaign" and check if they have the same value.

Take the following into account:

● We have different categories in shopping (e.g. Reifen, Baumarkt, Haushalt, Elektronik and so on). For every campaign each category sends their own mailing. The mailing URL's change for every campaign and old campaign links can be deactivated after some time. At the moment there is one mailing url hard coded in the test case. Maybe not the best way?!

● In the current campaign there are 3 mailings, you can find the urls for them in the test data json in the fixtures. Find a smart way that all urls are tested within one test run.

● The description in natural language for the scenario and the two test cases are already defined (NlNonProductLinkParamSpec.js). Feel free to adjust them if necessary.

● Feel free to use the given functions in the helper class (nlHelper.js) or in the page object (NlTemplatePO.js). Maybe they are helpful and can reduce your implementation effort and redundancy.

● In the screenshot below you can see an example for an utm_campaign parameter. The numbers of parameters in the urls can be e.g. Reifen: 29 utm_campaign, 33 wpset - These numbers can be different for each new newsletter and they can change dynamically for every campaign and they can also be changed in a current campaign spontaneously.

● Please note: All numbers and values are dynamic and before we get the mailing test dispatch we usually don't know the parameter values or amounts.

Pre-settings:

● Chrome Browser installed

- Node.js installed

- IDE installed

- open IDE terminal and run: npm install

- start cypress for example with terminal command: node_modules/.bin/cypress open