

Test plan Mediarekt

Goal of the test

Find any possible flaws in the user interface and functionality, so that they can be fixed or changed. With the findings of the test, it's possible to change the UI or functionalities so that the service will be efficient use and a chance for errors is minimized. This leads to best possible user interface for the service. From the interface we will be testing specifically how the testers feel about placing the controls on the navbar as well as what they think about loading new pages with AngularJS directives.

Where and when the test will take place

Classroom B303, on Thursday 11.2.2016.

Users, who are they, where you get them, how many you need?

The testers will be students from different major subjects. We get them to test our application by asking nicely. We need at least 3 testers, preferably 5, to run the test cases separately. With this amount of users we should get enough data to make solid conclusions.

Tasks that you provide for the users to do

We will select tasks that represent real-life tasks as much as possible. The tasks provide reasonable coverage of the most important parts of the UI.

The following tasks will be done:

- Register to service
- Log in
- Upload
- Image editing
- Browsing images
- Sharing images

How long the test will take?

Depending on the user the actual testing should take, from 5 to 10 minutes. After the testing we will conduct a debriefing where the user can summarize their observations about the service and bring up points that we might have noticed while following the actual testing. The debriefing is likely to take about 5-10 minutes. In total we will reserve 20 minutes per person.

Devices, tools, artifacts, networks ...what do you need to be able to do the testing.

The testers will use the laptop of one of our group members to conduct the testing. The service can be accessed with any modern browser, but Chrome will be used during the

testing, because in case of errors we can easily see all the errors from the developer tools. The user will interact with the service via the metropolia WiFi.

What methods you will use?

Thinking aloud - probably the most valuable usability engineering testing method. The test involves the test subject use the application while thinking out aloud. We will ask questions from the testers during the testing, like "What do you think about the image upload pop up?" or "Do you think editing the images is easy?".

How do you collect the data?

We will be taking notes during the testing of all possible the errors and user reactions. We will ask the testers what they liked and what they disliked about MediaRekt. All the notes will be written down on a Google Drive document.

What roles do your team members play in the testing?

We will be helping the users with any possible problems they might encounter, explaining the test cases to them before starting each task and asking questions from the users during the testing to find out what they are thinking a each specific moment. Matti will be asking the questions and guiding testers, while Antti and Mikael will be taking notes.