

# Usability Test

## Preparation for the test:

### Scope:

- Principle of navigation, understanding of navigation elements (search box, hamburger menu, etc)
- adding module to training (resource to module) / creating new modules (resources) with (yaml file) templates
- icons for training / module / resource and proposal / report
- Structure of training -> module -> resource
- Principle behind documents part

### Purpose:

- Main point is the understanding of the structure: training -> module -> resource, because this structure is related to the first ASKtraining prototyp. If it isn't understood, the back end would need a revision
- The principle behind the document section is quite difficult, but the prototype doesn't feature the hard parts yet
- Principle of navigation

### Schedule & Location:

- Maximum of three tests per day
- Planing to get as many participants as possible in the settlements, without disturbing their work (one test per day at the settlement seems doable)
- Remaining participants will be found at the ASKnet conference
- Scheduled are 7 to 8 tests

### Sessions:

- Each test is scheduled for approximately one hour
- If there should be more than one test per day, there has to be a break between of min. one hour

### Equipment:

- Test will be done on my laptop (MacBook Pro, 13 inch display)

- Audio and screen recording will be provided (QuickTimePlayer)

**Participants:**

- test will be executed with seven to eight participants to gather valid data
- At the settlements and during the conference with members of ASKnet

**Scenarios:**

- Approximately 8 to 10 tasks, with possibilities to test some small things on the side (e.g. is an icon understood, etc.)  
—> tasks starting page 3

**Metrics:**

- Likes, Dislikes and Recommendations: Participants provide what they liked most, what they liked least, and recommendations for improving
- think aloud method, a procedure for describing what is being seen, thought and processed during the test

**Quantitative metrics:**

- successful task completion: note if participant could solve the task (was it easy, was it hard?)
- Note of Critical Errors

**Roles:**

- I will be the facilitator (guiding through the test)
- I will do handwritten comments on the side

## Introduction:

„Hello..., you can't do anything wrong, i test the software NOT you, use think aloud method, will ask questions like ,what do you think', to encourage you to share your thoughts, feelings and impressions..

I will make some notes on the side, the screen and the audio will be recorded and used for the evaluation of the test .. “

## Tasks:

- Take a look at the ,Training Open Hardware' and describe what you see.
  - > feeling / understanding how to handle prototype
- Share only the module ,Module Open Hardware'
  - > understanding / learning the subdivision of training / module
  - > little menu right upper corner is recognized
- Create a new training with following modules: ,Module Open Hardware', ,Theory of Change'
  - > understanding / learning about the icons for training
  - > understanding process of adding modules to a training via checkbox (FAB button)
- Edit the schedule (time) of the different units and save it.
  - > understanding / learning about the icons for editing and how to edit
  - > principle of editing and the time picker (and how to open it)
  - > save button, seen, icon understood
- create a new module for the ,Training Open Hardware' (called ,test')
  - > finds the template, understands it
  - > difference between existing modules and creating new ones
- add the already existing resource ,ASKotec' and ,DIY LED light' to the module
  - > magnifying glass icon understood, sector found
  - > checking out the subdivision of module / resource
- [Create a new resource]
  - > would be the same process like create new module, but on a deeper layer

## Changing the prototype from ,Trainings' to ,Documents'

- Share the ‚Repair Café Report‘, and describe what you see
  - > little menu right upper corner is recognized again
  - > feeling / introduction of the second section of the prototype
  - > division of financial part / activity part
- Edit the financial part of ‚Repair Café Report‘, and save it
  - > edit icon understood in other context
  - > process of editing (use of keyboard)
- Write a report for the ‚#defyhatenow‘ training, use the ‚ASKnet Report Template‘ for it
  - > using a template, linking a training to a related report
  - > is the methodology of linking a training to a report understood
  - > icons proposal vs. report