

UseApp

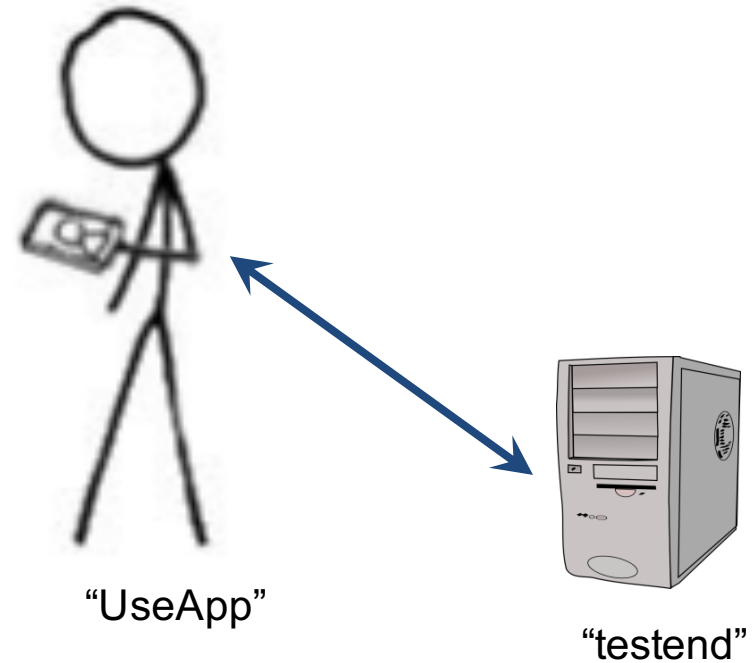
Fast Usability Evaluation for Small and Medium Enterprises

KMU goes
mobile

by Peter Justin and Matthias Eckhart

Why Another Usability Tool?

- **Software-Development (Apps)**
by **small** and **medium-sized enterprises**
- **Fast & simple** to test their own applications
- **Mobile** ready
- Get **results** in 30 minutes



Differences to Existing Tools

UseApp is...

- ...Open Source
 - ...Cross-Platform
 - ...Simple & Fast
- perfect for SMEs

For example, tools like **Morae** are ...

- ... expensive - \$ 1 995
 - ... only Windows and OS X compatible
 - ... complex
- for big enterprises

Preparation of Tasks and Interviews

- Idea: 15 (!) minutes
- Different **question** types
- Pre-filled with **example** placeholders
- Test-User Management

Work-In-Progress Prototype

The screenshot shows a web application interface for preparing tasks and interviews. The interface is divided into five steps: 1. Project details, 2. Background, 3. Tasks, 4. Feedback, and 5. Interview. The 'Background' step is currently active. A dropdown menu is open for 'Question type', showing options: 'Text field', 'Single choice' (selected), and 'Multiple choice'. Below the dropdown, there is a text input field for the question, a description text area, and a section for choices with an 'Add Choice' button. At the bottom, there are 'Save', 'Hide available fields', and 'Continue' buttons, and a list of existing items with 'Edit' and 'Delete' buttons.

The Evaluation in 6 Steps

- **Uncomplicated,**
fast & easy to enter data
- **Automatic timer**
to record task duration

Work-In-Progress Prototype

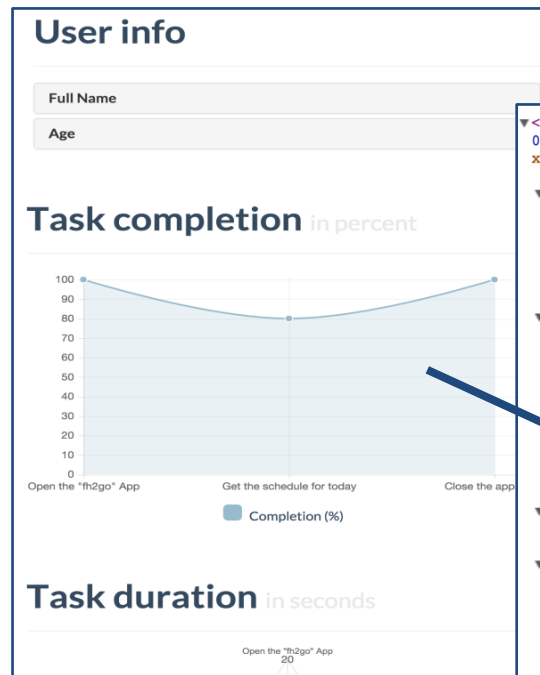
The screenshot displays a task evaluation interface with a progress bar at the top showing six steps: 1. Project details, 2. Agreement, 3. User info, 4. Test, 5. Inquiry, and 6. Finish!. The 'Test' step (4) is currently active.

The first task is "Open the 'fh2go' App" (1/3), marked as "DONE". It includes a timer showing 00:07, a play button, a reset button, a notes field with the placeholder "Fill in your notes to record events, interpretations and observations.", and a progress bar labeled "Completed" ranging from 0 to 100.

The second task is "Get the schedule for today" (2/3), marked as "TODO". It includes a timer showing 00:17, a pause button, a notes field with the placeholder "Fill in your notes to record events, interpretations and observations.", and a progress bar labeled "Completed" ranging from 0 to 100.

Report

- Instant report
per participant
all participants
- Structured Export
in **UsabML** format



```

<report xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" generation-timestamp="2015-11-04T20:23:19.291463" id="rpt201333" method="ta"
xsi:noNamespaceSchemaLocation="http://localhost:8080/static/usabml-ta.xsd">
  <title>fh2go</title>
  <description>
    <![CDATA[ None ]]>
  </description>
  <!-- previously 'timestamp' -->
  <export-timestamp>2015-10-30 10:33:20.021581</export-timestamp>
  <authors></authors>
  <organisation>FH JOANNEUM GmbH</organisation>
  <executive-summary>
    <![CDATA[
      The project team conducted an onsite usability test at the FH JOANNEUM in Kapfenberg on the 24th of July 2015. The purpose of the test was to assess the usability of the web interface design, information flow, and information architecture. In total, 10 participants were involved in this usability test to ensure stable results. Each individual session lasted approximately 30 minutes. In general all participants found the the Inventory application to be clear, straightforward, and easy to use. The test identified only a few minor problems including: the lack of categorization of items and the lack of a search.
    ]]>
  </executive-summary>
  <introduction>
    <![CDATA[ ]]>
  </introduction>
  <test-procedure>
    <introduction>
      <![CDATA[
        First of all, the main goals of use of the tested product must be identified. Secondly, qualified usability test participants must be selected, based on the defined goal. In the next step, background questions must be defined with reference to the user groups. From then on, detailed tasks can be identified which must be completed within a specified time limit. In the aftermath of the testing session, a post-enquiry will take place. As a consequence, feedback questions must be defined which subsequently can be evaluated.
      ]]>
    </introduction>
    <methodology>
      <![CDATA[ ta ]]>
    </methodology>
  </test-procedure>
  <test-users>
    <test-user id="2">
      <name>Peter Justin</name>
    </test-user>
  </test-users>
</report>
  
```

Work-In-Progress Prototype

Please Help to Improve

UseApp

Fast Usability Evaluation for Small & Medium Enterprises

johannes.feiner@fh-joanneum.at

