Description of Task Set and Summary of Subjective Feedback

Summative Evaluation of the X-COSIM Semantic Desktop

Thomas Franz
franz@uni-koblenz.de
# Table of Contents

Description of the Task-Set...................................................................................................................3  
Task T1: Organize...............................................................................................................................3  
  Scenario........................................................................................................................................3  
  Task Description............................................................................................................................3  
Task T2: Fax Number of Beckmann Promotions...............................................................................5  
  Scenario........................................................................................................................................5  
  Task Description............................................................................................................................5  
Task T3: Printing Costs by Print Shop Seyl.......................................................................................6  
  Scenario........................................................................................................................................6  
  Task Description............................................................................................................................6  
Task T4: List of Employees..................................................................................................................7  
  Scenario........................................................................................................................................7  
  Task Description............................................................................................................................7  
Task T5: List of Workshops..................................................................................................................8  
  Scenario........................................................................................................................................8  
  Task Description............................................................................................................................8  
Task T6: Name of the Team................................................................................................................9  
  Scenario........................................................................................................................................9  
  Task Description............................................................................................................................9  
Task T7: Lab Plan...............................................................................................................................10  
  Scenario........................................................................................................................................10  
  Task Description..........................................................................................................................10  
Task T8: Return Modified Advertisement Poster...........................................................................11  
  Scenario........................................................................................................................................11  
  Task Description..........................................................................................................................11  
Task T9: Creation of Way Signs.........................................................................................................12  
  Scenario........................................................................................................................................12  
  Task Description..........................................................................................................................12  
Task T10: Final Report.......................................................................................................................13  
  Scenario.........................................................................................................................................13  
  Task Description..........................................................................................................................13  
Subjective Feedback............................................................................................................................14  
  Feedback by Test Persons Working on the X-COSIM Desktop....................................................14  
  Feedback by Test Persons of Both Groups....................................................................................14
Description of the Task-Set

Task T1: Organize

Scenario

The file system offers folders for organizing and structuring files. All files created and retrieved during the preparation of the computer science night are currently placed into the folder Dokumente.

Task Description

- Familiarize with the available files in the folder Dokumente
- Create sub folders for organizing the documents if you like
- Move files into corresponding sub folders you created
- Do the same for emails currently in the inbox
- Remark: Only create as many folders as you consider necessary/reasonable and as it matches your common work practices. You can also decide to create no folders at all and leave everything as it is.
**Task T2: Fax Number of Beckmann Promotions**

**Scenario**
You want to send a Fax to the company Beckmann promotions.

**Task Description**
- Find the Fax number of Beckmann promotions
- Remark: The number is printed on offers you received from them
**Task T3: Printing Costs by Print Shop Seyl**

**Scenario**

To compare the different offers for print-outs of advertisements, you need to lookup the offer made by the print shop Seyl.

**Task Description**

- Find out, what the offer of print shop Seyl is, i.e. how much it costs.
- Remark: You stored offers by print shops and promotion agencies in the folder *Dokumente*.
Task T4: List of Employees

Scenario

Ms. Werger sent you a list of employees working at the computer science night by email. You stored the list and extended it further.

Task Description

- Name the extensions you added to the list.
**Task T5: List of Workshops**

**Scenario**
Ruth sent to you a list of workshops at the computer science night. You stored it on the file system to make adjustments to the list.

**Task Description**

- Name the modifications you made to the list.
**Task T6: Name of the Team**

**Scenario**
You stored the images shown below to your file system. You received them by the working group for artificial intelligence.

**Task Description**
- Find out about the team name that belongs to the images shown below.

![Images of robotic equipment and a map.](image-url)
Task T7: Lab Plan

Scenario
On May 5th, Ruth sent you a first version of the lab plan for the computer science night. The subject was: Laborplan Ndi 2008. Ruth marked spelling mistakes in that document and asked you to correct them.

Task Description
- Correct at least two of the marked spelling mistakes.
- Return to Ruth the corrected plan by responding to Ruth's email.

Laborplan Ueberarbeiten
Beschreibung

Aufgabe
- Korrigieren Sie mindestens zwei Schreibfehler
- Senden Sie danach den korrigierten Plan an Ruth, indem Sie Ruth's Email beantworten.
**Task T8: Return Modified Advertisement Poster**

**Scenario**
Beckmann promotions sent you the final version of a poster draft, asking for the official confirmation for printing it. You made some modifications to it, responding to demands of your boss. Now, you want to return the final, modified version to them.

**Task Description**

- Reply to the email by Beckmann promotions, adding the modified final version of the poster.
**Task T9: Creation of Way Signs**

**Scenario**
Ruth sent you a template for way signs as a power point file and asked you to insert the logo 30 Jahre Informatik and send the way signs back to her afterwards.

**Task Description**
- Insert the logo 30 Jahre Informatik to the way signs.
- Reply to Ruth's email and attach the modified way signs you created.
Task T10: Final Report

Scenario
For creating a final report about the planning of the computer science night, you need to collate all files on your harddisk that you retrieved from Silke Werger and Ruth Goetten.

Task Description
- Identify the corresponding files on your harddisk and move them into a new folder, named ndi-report.
Summary of Subjective Feedback

Feedback by Test Persons Working on the X-COSIM Desktop

Ratings are given based on the IsoMetrics rating scale:
1=strongly disagree, 2=disagree, 3=so-so, 4=agree, 5=strongly agree.
Statements marked by a * are formulated negatively, so that for these statements a lower value corresponds to more positive feedback.

<table>
<thead>
<tr>
<th>ID</th>
<th>Statement</th>
<th>Average</th>
<th>Median</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Average</td>
</tr>
<tr>
<td>S1</td>
<td>The extensions provide me all the support I need to conduct the tasks.</td>
<td>4,2</td>
<td>4,0</td>
<td></td>
</tr>
<tr>
<td>S2</td>
<td>The extensions are well tailored to the tasks</td>
<td>4,4</td>
<td>4,0</td>
<td></td>
</tr>
<tr>
<td>S3</td>
<td>The additional information provided by the extensions are immediately comprehensible</td>
<td>4,3</td>
<td>4,5</td>
<td></td>
</tr>
<tr>
<td>S4*</td>
<td>The extensions hamper conducting the tasks by an inconsistent design.</td>
<td>1,4</td>
<td>1,0</td>
<td></td>
</tr>
<tr>
<td>S5*</td>
<td>The use of the extensions is hard to learn.</td>
<td>1,2</td>
<td>1,0</td>
<td></td>
</tr>
<tr>
<td>S6*</td>
<td>To leverage the extensions I need to memorize many details.</td>
<td>1,3</td>
<td>1,0</td>
<td></td>
</tr>
<tr>
<td>S7</td>
<td>The use of the extensions is good to memorize.</td>
<td>4,0</td>
<td>4,5</td>
<td></td>
</tr>
<tr>
<td>S8</td>
<td>The X-COSIM extensions ease conducting the tasks.</td>
<td>4,1</td>
<td>4,0</td>
<td></td>
</tr>
</tbody>
</table>

Average ratings with negative statement S4-S6 normalized: 4,01 4,13

*statement formulated negatively

Feedback by Test Persons of Both Groups

Ratings are given based on the IsoMetrics rating scale:
1=strongly disagree, 2=disagree, 3=so-so, 4=agree, 5=strongly agree.
Statements marked by a * are formulated negatively, so that for these statements a lower value corresponds to more positive feedback.

<table>
<thead>
<tr>
<th>ID</th>
<th>Statement</th>
<th>Conventional Average</th>
<th>Conventional Median</th>
<th>X-COSIM Average</th>
<th>X-COSIM Median</th>
<th>Difference Average</th>
<th>Difference Median</th>
</tr>
</thead>
<tbody>
<tr>
<td>S9*</td>
<td>Working on the tasks was tedious/cumbersome</td>
<td>3,0</td>
<td>3,0</td>
<td>2,3</td>
<td>2,0</td>
<td>0,7</td>
<td>1,0</td>
</tr>
<tr>
<td>S10</td>
<td>The tasks correspond to task types that I also need to do for my work</td>
<td>3,4</td>
<td>4,0</td>
<td>3,4</td>
<td>4,0</td>
<td>0,0</td>
<td>0,0</td>
</tr>
<tr>
<td>S11*</td>
<td>Tasks were significantly harder to do, since I was required to work with unknown data</td>
<td>3,5</td>
<td>3,5</td>
<td>2,2</td>
<td>2,0</td>
<td>1,3</td>
<td>1,5</td>
</tr>
</tbody>
</table>

*statement formulated negatively