



Hierarchical Task Analysis (HTA)

COMP2044: Human-Computer Interaction (2024-2025)

Matthew Pike

Workshop Overview

The workshop aims to introduce an objective approach to describing user task performance using Hierarchical Task Analysis (HTA). You will be expected to apply HTA to deconstruct a real-life task of buying a book online. The duration of the activity is not expected to exceed 45 minutes.

Task

Your task is to produce an HTA outlining the process a user would go through when buying the book 'Design of Everyday Things' (DOET) by Donald Norman online. Remember that the user may be a new or returning customer. Your HTA should include enough detail to create plans for both types of user.

You do not need to model a specific website. Instead, focus on the common steps involved in buying a book online. Please assume that the user is using a standard web browser on a desktop computer (not a mobile phone).

Completing this workshop

It is important to note that you **do not** need to buy anything, join any websites or provide any personal information to third parties to complete this task. While you are encouraged to explore existing websites to gain a better understanding of how they facilitate the book-buying process, it is important to remember that your HTA should be as general as possible in your submission.

When creating your HTA, consider using the following tools:

- Pen and paper (with a straight-edge ruler);
- **Microsoft PowerPoint** - The university provides free access to Microsoft Office 365 for all students;
- **draw.io** - A free online diagramming tool.

Submission Checklist

This activity contributes 1% towards your module grade. To receive credit, you must:

- ☐ Submit an HTA(s) outlining the process a user(s) would go through when purchasing the book 'Design of Everyday Things' (DOET) by Donald Norman online.
- ☐ The file size of your PDF is less than 10MB. Ideally, it should be less than 1MB.
- ☐ Your submission is in .PDF format.

You should upload your HTA to the workshop submission area on **Moodle**. The deadline for this workshop is 2025-03-17 at 15:00.



Marking

Your submission will be assessed on the following criteria

- Professional presentation of the document (title, name, email, module code & name, date, etc.)
- Professional presentation of the HTA (straight lines, clear and logical descriptions, carefully considered layout)
- The level of detail and realism of your HTA

Please note that poor quality submissions that do not demonstrate a reasonable effort to complete the assignment will receive a mark of zero. Illegible or poorly formatted submissions will also receive a mark of zero.

Academic Conduct

This is an individual assignment. You must not copy from or collaborate with others in completing this assignment beyond the face-to-face session. Please do not use any AI technologies for this workshop. Please refer to the [University's Academic Misconduct Policy](#) for further information.