

The Human Factor (THF) Week 2 Tutorial

Introduction to Human Factors

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of EDINBURGH

today

- HCI courseworks (brief re-cap)

CW1 initial steps

- Group formation
- Topic & technology in focus
- Ethics

CW1: Human-centered research in a real-world context

Weight	50% (summative)
Assessment type	Report
Individual/Group	Groupwork
Goals	Create technology design suggestions, based on findings from human-centered research in a real-world context.
Link to learning outcomes	L1 – L4
Due date	Nov. 13, 2026; 12:00 (noon)

CW2: (Re-)design of an interactive prototype

Weight	50% (summative)
Assessment type	Design pictorial
Individual/Group	Individual
Goals	To design an iterative prototype, based on the design suggestions developed in CW1.
Link to learning outcomes	L1 – L4
Due date	Dec. 11, 12:00 (noon)

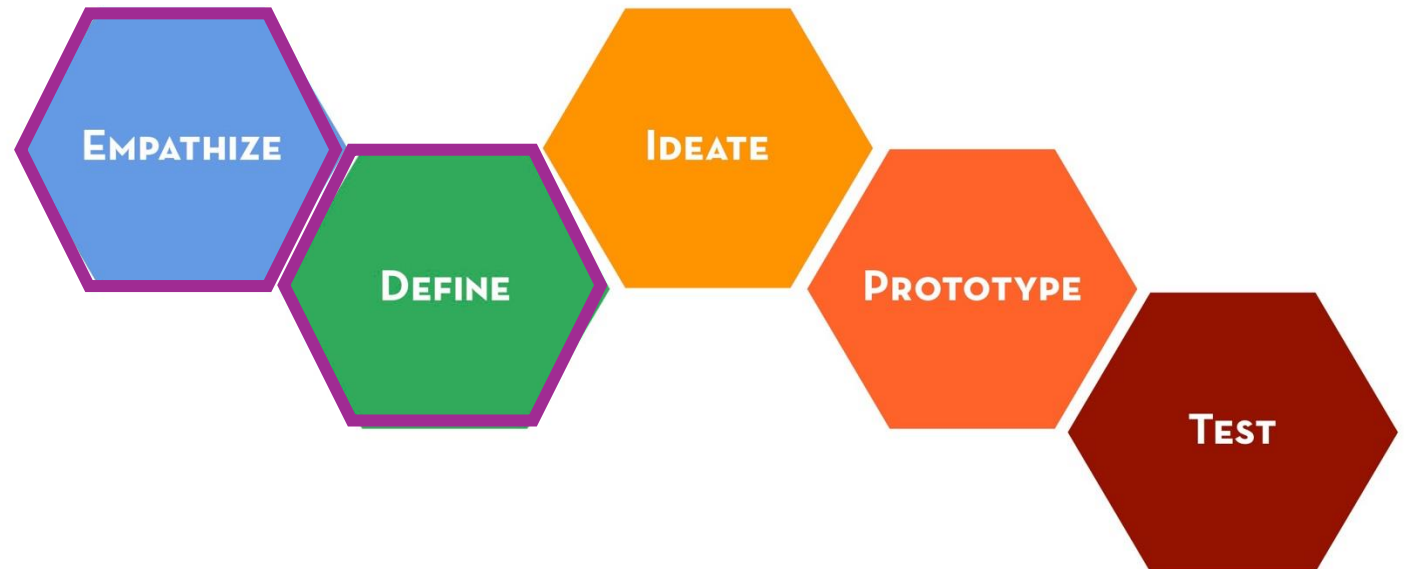
CW1

Human-centered research in a real world context

- Goal
 - Conduct a human-centered study of an interactive technology of your choice
 - The study should include one “do”, one “say” and one “make” method
 - Based on your findings, derive suggestions for a new or re-design.

→ Empathize

→ Define



CW1 steps – suggested timeline

- **Weeks 1/2** Team formation
- **Week 2** Ethics & Data protection training
- **Weeks 2/3** Choose topic, technology & research methods
- **Week 4** Obtain ethics & prepare study material
- **Weeks 4/5** Recruit participants
- **Weeks 5/6** Conduct study: collect data
- **Weeks 5/6** Analyse data, derive design recommendations
- **Weeks 6 – 8** Write up your findings in form of a group report

Timeline may vary slightly across groups!

CW1 steps – Week 02

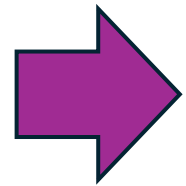
- Team formation
- Pick a topic
 - Pick from the examples provided or propose your own.
- Pick a technology
 - Each group will then pick a technology that fits that topic.
- What questions could your study address?
- As a group, once you have picked a topic, technology and potential question (or multiple), [fill out this form](#).
- Your topic and technology will need to be approved before you start.

Team formation

Team formation

coursework steps

- Form a group of 3 and **register your group on Learn by Oct.2.**
- This will be the group you will work with on CW1.



Course navigation bar: Courses ▾ | INFR112992026-7SV1SEM1 • Human-Computer Interaction (2026-2027)[SEM1]

Navigation tabs: Content | Calendar | Announcements 1 | Discussions | Gradebook | Messages | Analytics | **Groups**

Manage Groups

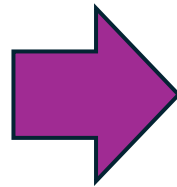
Group set ⇅

	Group set 21/09/2026 50 Groups
	 Visible to students ⓘ
	TT: Tutorial - Human-Computer Interaction 10 Groups
	 Visible to students ▾

Team formation

coursework steps

- Form a group of 3 and register your group on Learn by Oct.2.
- This will be the group you will work with on CW1.



Groups (50)

Group 1
0 members

 Add members

 Expand details

Group 10
0 members

 Add members

 Expand details

Group 11
0 members

 Add members

 Expand details

Team formation

coursework steps

- Form a group of 3 and register your group on Learn by Oct.2.
 - This will be the group you will work with on CW1.
- All group members should attend the same tutorial group!!!
- Don't know who you want to work with? Don't panic!
 - This tutorial is for you to meet people you may want to work with
 - Let us know if you want us to put you in a group (email your tutor)

Topics & related interactive technologies

Example topics

- Sustainability
 - Climate action
 - Environmental impact of daily habits
- Health and Wellbeing
 - Mental health: stress management, emotion/mood tracking
 - Physical health: sleep, movement, nutrition
- Education
 - Informal or formal learning, motivation, feedback
- Creativity
 - Supporting everyday creative practice, sharing creative work

Team formation & topics

- Discuss these topics with fellow students / team members
 - What topic(s) do you find interesting (also beyond the list of example topics)?
 - What interests you in the topic?
 - What technology/technologies are you interested in evaluating?
 - What are interesting opportunities or questions would you like to explore?
- What is your background?
- What are your expectations around group work, marks etc?
- **Sustainability**
 - Climate action
 - Environmental impact of daily habits
 - ...
- **Health and Wellbeing**
 - Mental health: stress management, emotion/mood tracking
 - Physical health: sleep, movement, nutrition
 - ...
- **Education**
 - Informal or formal learning, motivation, feedback
 - ...
- **Creativity**
 - Supporting everyday creative practice, sharing creative work
 - ...

When you have formed a team

- Sit with your group
- Register your team on Learn
- Discuss your topic and technology
- Settle on a tutorial
 - Make sure to email Uta (uhinrich@ed.ac.uk) if you have to switch tutorial groups to be with your team
 - In that email **specify your existing group AND your new group**
- Organise meeting times (we encourage weekly meetings)

If you are still looking for a team / team member

- Move around in the room, talk to people
- Ask your tutor to facilitate!
- Ask to be matched with a group!

Let us know your study topics

- Once you have picked a topic, technology and potential question (or multiple), please fill out this form:
 - [HCI CW 1 - Topics & Technologies](#)
- Only one group member should do this on behalf of the group!
- Your topic and technology will need to be approved before you start.

Ethics

Ethics

coursework steps

- All team members should individually [read the course ethics](#)
 - This outlines what types of study you can do, and what types of data collection are allowed.
- All team members individually complete the ***Data Protection Training*** ([find it on Learn](#))
 - **By Friday Oct. 2**, complete the training, and [fill out this form](#) to confirm your completion of the training.
- All group members have to complete this training before the team can run any studies!

Any Questions?