Case Studies in Design Informatics 1 - INFR11094
Tutorial 2

Exploring case studies

THE UNIVERSITY *of* EDINBURGH

design informatics

A reminder of CW1.2

A 1000 word report that analyses a case study.

You can choose the case study – but this should be a "technology" that is relevant to design informatics (i.e., a data-driven technology of some sorts) in relation to a specifical application domain (such as those presented in the case study lectures).

The analysis should focus on critically discussing **one of** the (1) social, (2) environment or (3) legal implications of the case study technology in relation to the application domain. You should just focus on one these three implications.

In the analysis of the case study, you should find and cite clearly at least five publications and use them to discuss the case study in your own words. You may use unaltered brief extracts but these must be in quotation marks with a clear reference of the source.

CW1.2 is due 8th December at 12:00

There will be a template published on Learn for you to use.

How to think about your case study – from Week 3 lecture

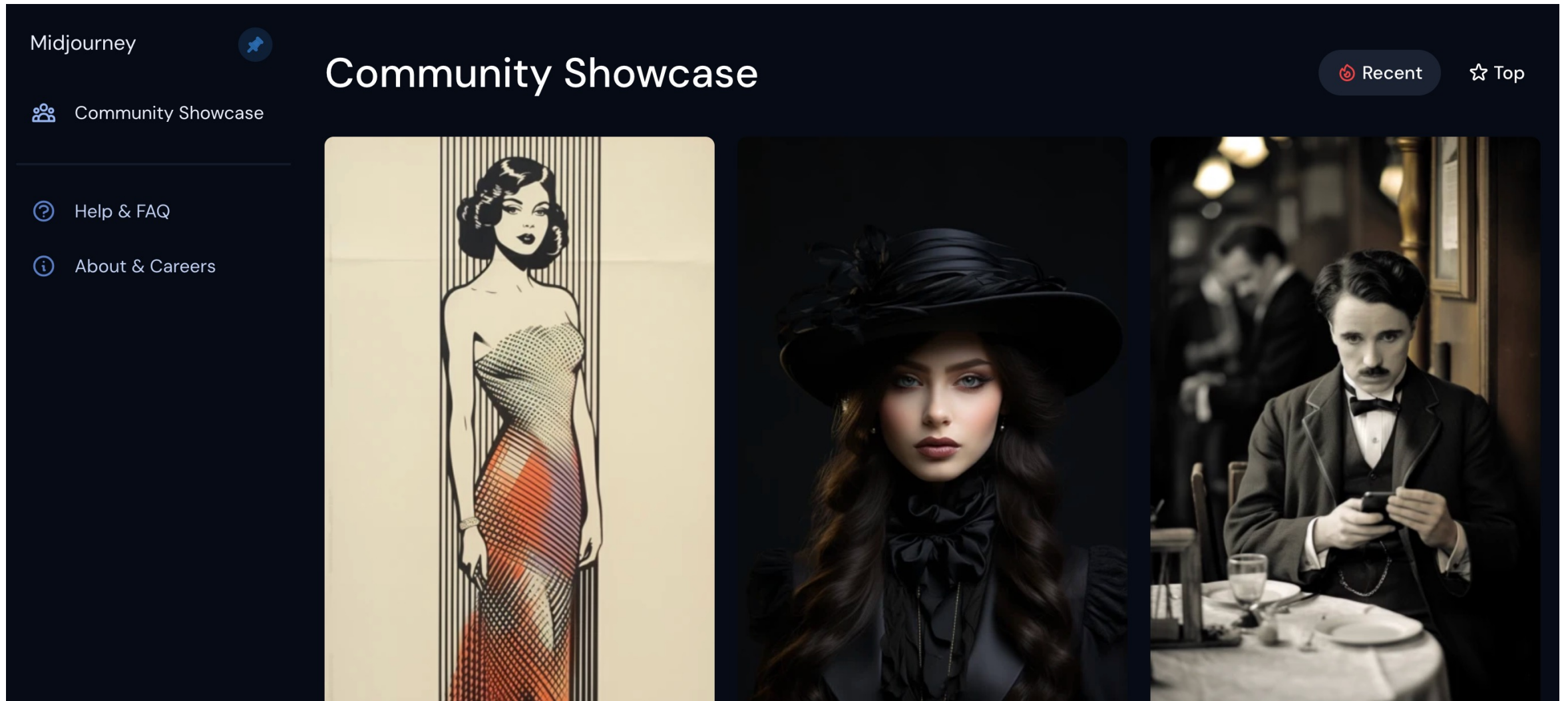| Choices & decisions	Implications		
	Social	Environmental	Legal
Design process			
Interface design			
Data gathering & use			
Model development & use			
Openness & transparency			

In this tutorial….

We will explore a case study, focusing on the:

- Social
- Environmental
- Legal

… implications of a technology that is relevant to design informatics

*We will work in small groups of 3-4 students
– get into groups now!*

Our case study today

Step 1 – in your groups…

Spend 15 minutes finding out information about Midjourney:

- What is it?
- Who uses it?
- How does it work?

Post a short description of Midjourney based on these questions in Teams.

For the rest of the tutorial – work in the Miro

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Go to the frame for your Tutorial Group, and select a "Group number" for your small group.

Add post-its as notes, and links to references (papers, reports, online articles) as you complete the activities.

Step 2 – in your groups and working on Miro:

Spend 20 minutes exploring the Social Implications of Midjourney. Consider the following:

- Who are its users?
- Who could be affected by its use?
- How could it change peoples work?
- How could it affect minoritized groups and individuals?

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Step 3 – in your groups and working on Miro:

Spend 20 minutes exploring the Environmental Implications of Midjourney. Consider the following:

- What resources have gone into its creation?
- What resources go into its use?
- How does it consume energy or water?
- How might it be used to address environmental causes?

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Step 4 – in your groups and working on Miro:

Spend 20 minutes exploring the Legal Implications of Midjourney. Consider the following:

- How does it use data?
- How does it relate to laws –copyright, data protection?
- How does it relate to upcoming laws – like AI regulation?
- How might it lead to unlawful use?

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