Digital Humanism Summer School 2022

Project

Carlo Ghezzi

Jeff Kramer

Politecnico Milano Imperial College London

Bashar Nuseibeh

Open University LERO Ireland







... the workshop challenge ...

All complex socio-technical software systems are embedded in the world

and

must therefore take into account various digital humanism values and issues.



... the workshop challenge ...

How?

By drawing on your multiple perspectives and embracing an interdisciplinary approach ...

to consider a spectrum of human and technical issues that account for political, economic, environmental, and social values and concerns.

... the project challenge ...

The main aim of the project sessions is to encourage you to engage with the challenges of

eliciting, articulating, and organising

the various digital humanism issues that are presented in the workshop,

as system goals.

Goals ?

Goals can be used to justify and describe the requirements that a system is expected to

achieve, avoid, maintain or satisfy to some acceptable degree.





Hard and Soft Goals





Goal reginement: AND, OR





... the project challenge ...

Participants might also elaborate on the features that systems should support to achieve or maintain their goals,

and consider

how it would be possible to ascertain whether an existing system is compliant with what was initially expected.

... the project challenge : summary...

Experiment with the value of putting together students with different backgrounds (not just computing) in articulating the DigHum goals and overall requirements to be reached by a hypothetical socio-technical system, understanding potential conflicts and mitigating potential risks. In doing so, reflect on what the lectures teach you about DigHUM values.

Hypothesis is that we need inputs and insights that are not purely technical, but also cover social/political/anthropological aspects in the conception phase, to anticipate how systems can be used/misused. Consideration on what should be automated and what should be left to humans is part of the discussion.

... Monday Discussion ...

- Why do we engage you in a project?
- How is the project related to the other topics ?
- How is the project activity structured?
- Some tools to organize your work.
- Interdisciplinary group formation
- Sessions:
- I. Monday
 Thursday
 Friday

