SENG2021 Project Spec

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Requirements

Application requirements
- No fixed requirements

Theme
- UX for discovering and interacting with one or several information archives

There is a lot of flexibility in providing innovative ways of presenting the information.
- These issues will be presented and discussed during lectures/mentoring sessions.

First two decisions for teams:
- Choosing a theme
- Choosing a development stack

Data Sources

- Text
  - Newspapers
  - Twitter
  - Wikipedia
- Images
  - Photo archives
  - Maps
  - Flickr
- Domain specific
  - Dog breeds
  - Skiing
  - Food ingredients

Examples

- Travel
  - Itineraries planning
  - Souvenir sharing
- Student services
  - Organising shopping
  - Meeting friends
  - Timetabling
- Other
  - Dieting
  - Community support (e.g. sport)
  - Financial trading

Web stack choice

Choose the one you like

- See next guest lecture slides
- Build on existing knowledge of team

Support

- Course admin (Armin)
- Mentors

There is no ideal choice

Marking criteria

Global criteria

- How original is the selected theme?
- How well is the case presented?

Analysis:

- How good/intuitive is the GUI?
- Is it an innovative use of available technologies?

Interface design:

- How adequate are software components?
- Does design have qualities like reusability, extensibility, performance and modularity

Software design:

- How good is the prototype in conveying the design ideas?
- How smooth is the user experience?

Prototyping:

Each deliverable will have specific evaluation criteria attached to it

Why prototyping?

Differences between product and prototype

- Prototype has most important use cases only
- Prototype allows key UX/UI to be tested
- Prototype allows identifies gaps in data

Prototype can

- Use dummy data
- Use test APIs that return fixed data
- Have lax security / authentication
- Partially working GUI functions

Next steps

Forming teams now

- Create a team using WebCMS (5 people)
- In any case, fill the forms

Second lecture Week 1

- Guest lectures + Finalising teams

Week 2

- Mentoring starts
- Mentoring takes place online!

Work towards 1st deliverable

- Requirements analysis
- Due Week 4