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
- Examples:
  - Planning a Journey/Holidays (using multiple APIs)
  - Exploring a topic of interest over time (e.g. photos over time of a suburb)
  - Special event coverage (e.g. Olympics)
  - Platform to share information, enhanced by publicly available APIs (e.g. leftover food!)

- **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.

Data Sources

- Text
  - Newspapers
  - Twitter
  - Wikipedia
- Images
  - Photo archives
  - Maps
  - Flickr

Web stack

- Choose the one you like
  - See next guest lectures slides
  - Build on existing knowledge of team
  - Flask suggested
- Support
  - Lawrence Yao
  - Mentors
- There is no ideal choice

Marking criteria

- Global criteria
  - Analysis:
    - How original is the selected theme?
    - How well is the case presented?
  - Interface design:
    - How good/intuitive is the GUI?
    - Is it an innovative use of available technologies?
  - Software design:
    - How adequate are software components?
    - Does design have qualities like reusability, extensibility, performance and modularity
  - Prototyping:
    - How good is the prototype in conveying the design ideas?
    - How smooth is the user experience ?
- Each deliverable will have specific evaluation criteria attached to it

Next steps

- Forming teams
  - Teams will be formed using UNSW GitHub App (see instructions on course Web site).
  - Create a team (4-5 people)
  - If you don't have a team, email Mortada Al-Banna m.al-banna@unsw.edu.au now!
- Week 1 second lecture (Friday)
  - Guest lectures + Finalising teams
- Week 2
  - Mentoring starts
  - Mentoring takes place in a different room!
- Work towards 1st deliverable (due Week 3)