Web Technologies

Assessment

Dr. Owen Conlan, Introduction to Web Technologies

Web Technologies (CS7062) – Lecture/Lab Schedule

- Intro to the Web  Background to the Web, terminology etc. (Owen Conlan) (3 Lecture)
- HTML and CSS  Static Web Design (Cormac Hampson) (1 Lecture, 2 Lab)
- HTML and CSS  Static Web Design (Cormac Hampson) (1 Lecture, 2 Lab)
- Intro to Databases Basic Intro and Lab Interaction (Cormac Hampson) (1 Lecture, 2 Lab)
- Intro to Databases Basic Intro and Lab Interaction (Cormac Hampson) (1 Lecture, 2 Lab)
- CMS Overview Lecture, 2 Lab  Intro to the Various Types and Configure (Shawn Day TBC) (1 Lecture, 2 Lab)
- Reading Week
- PHP and MySQL  Basic Intro and Lab - Web Form (Alex O’Connor) (1 Lecture, 2 Lab)
- PHP and MySQL  Basic Intro and Lab - Web Form (Alex O’Connor) (1 Lecture, 2 Lab)
- PHP and XML  Basic Intro to XML and Lab - Render Data from XML (Alex O’Connor) (1 Lecture, 2 Lab)
- Analytics  Intro and some practical examples (Shawn Day) (1 Lecture, 2 Lab)
- Visualisations  Intro and some practical examples (Shawn Day) (1 Lecture, 2 Lab)

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Assessment

- **Web Technologies (CS7062)**
  - Continuous assessment based on exercises (25%)
    - All exercises will be graded
  - Essay in Research Paper Format, based upon Practical Experiment with course-relevant data OR an approved topic (75%)
    - Abstract (max. 200 words) and Methodology (max. 200 words) due end Week 8 (16th November 2012); these are not assessed
    - 8-10 page paper, excluding references, in LNCS format
    - Due first Friday of next term (i.e. after Christmas break)

Example Paper Topics

- **Main topic is Web Technologies in Digital Humanities**
  - Infrastructure
  - Application
  - Training
  - Game changing (disruptive)? Iterative?
- **Example titles** -
  - Attitudes to Online Collections and Exhibits
    - Overview of State of the Art; Challenges; Survey; Quantitative and Qualitative evidence
  - Building an Online Exhibit Using Existing Resources
    - Build an Online Exhibit; Talk about technical challenges; Describe architecture; Copyright issues; Misrepresentation as an issue
  - Social Media and the Museum: A Survey of the Changing Attitudes to Fostering Online Engagement
  - The Multi-dimensional Library: Curating the online and offline experience
  - ...

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Paper Format

- Paper should be in LNCS format
  - Search for “LNCS format” or type this awkward URL
  - http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0
- Use one of the templates provided

Questions?

- Contact: Owen.Conlan@scss.tcd.ie
- Slides: http://www.scss.tcd.ie/Owen.Conlan