Group Project
Purpose

• Practical insight into a key aspect of the course
  • Develop software
  • Compare approaches
  • Discover the details of network management
  • Project management as well as report delivery
Deliverables

• Presentation
  • Project Report (+ software)
    • Complete references
    • Evaluation

• Project management
  • Description of process
  • Roles
  • Timelines
Deadlines: Today

- Today: Groups & Titles handed out
  - Choose one of the 5 titles
    - First come first serve basis
  - Check the website
Deadlines: Friday 10\textsuperscript{th} February – Project Planning/Requirements Presentation

• Create a 10 minute (approx. 5-slides) presentation to the class outlining
  I. the roles being played by each member of the team
  II. an overview of the intended management systems
  III. an identification of the libraries/software being used e.g. SNMP library etc.
  IV. plan of how the project will be completed (including a proposed timeline)

• Each team must email the presentation to kris.mcglinn@scss.tcd.ie by Fri 10\textsuperscript{th} Feb 2017

• Each team will give the presentation to the class on Monday 13\textsuperscript{th} Feb – each person must present at least one slide

• This presentation is worth 6\% of your final course grade marks
Deadlines: Friday, 3rd March

• Submit an Project Objectives & Literature Review report containing the following:
  1. Motivation (2-3 paragraphs)
  2. Objectives (1 paragraph & 2-3 bullet points)
     1. These objectives must address the gap identified by the literature review
  3. Literature Review (State of the Art)
     a) Literature review of how the particular approach or mgt technology has addresses the problem (similar to the one you are addressing) (3-4 pages)
     b) Description and Choice of technology used (1-2 pages)
     c) All paper references must be consistently formatted in the academic style of your choice

• Each team must email the document to kris.mcglinn@scss.tcd.ie by Fri 3rd March 2017

• This document is worth 6% of your final course grade marks
Deadlines: Friday 24\textsuperscript{th} March – Project Demo

• On Monday 27\textsuperscript{th} March each team will make a 10 minute presentation to the class giving
  I. a short demonstration of a running implementation
  II. the roles each member of the team played
  III. an overview of the management system developed
  IV. an identification of the libraries/software and data standards being used e.g. SNMP library etc.

• Each team must email the presentation to kris.mcglinn@scss.tcd.ie by Fri 24\textsuperscript{th} March 2017

• This demo/presentation is worth 9\% of your final course grade marks – each person must present at least one slide
Deadlines: Friday, 31st March – Final Project Report

• Final Report, it must be structured as follows:
  1. Motivation (2-3 paragraphs)
  2. Objectives (1 paragraph & 2-3 bullet points)
  3. Literature Review (State of the Art) (4-6 pages)
  4. Requirements for prototype (1 page)
  5. Architecture design (2-3 pages)
  6. Implementation (2-3 pages)
  7. Evaluation (2 pages)
  8. Project Management process & Evaluation (1-2 pages)
  9. Conclusions (0.5 page)
  10. 1 page per person describing:
      1. Your own role and contributions
      2. Lessons learned
      3. Challenges faced during the project

• Each team must email the report to kris.mcglinn@scss.tcd.ie by Fri 31st March 2017

• This report is worth 9% of your final course grade marks