Object Oriented Software Development(CS2062)

Introduction

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- Read the Moodle page ☺

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- Module Code: CS 2062
Module Title: Object Oriented Software Development
Credits: 3.0
Lectures: 2 hours/week **80% attendance needed for both lectures and practicals to sit the final exam**
Lab/Assignments: 3 hours/week
Pre-requisites: CS 2012 Principles of Object Oriented Programming
GPA/NGPA: GPA

  Subject Coordinator/lecturer/ examiner: Dr Surangika Ranathunga
Moderator: Dr Chandana Gamage
Tutors: TBD

  Lecture Time: Monday, 08:15 AM to 10:15 AM
Lecture Room: CSE Seminar Room
Lab Sessions: Tuesday, 08:15 AM to 11:15 AM (CSE top floor lab)

Assessment

- Final Exam - 60% (A regular 2-hour end of semester closed book, answer all questions exam)
- Continuous Assessments - 40%
    - Project – 95%
    - Mid-term – 5%

Introduction

- This is the second stage of OOP
- You will learn how to become a member of a team of engineers working on a bigger software project
- You will learn the full process of converting the client requirements to a full functioning software running at the client cite
- Lot of emphasis on the software modeling aspect

Material

- **Module Textbook:** Object-Oriented Analysis & Design - with the Unified Process, John W Satzinger, Robert B Jackson, and Stephen D. Burd, Thomson, 2005

Project

- Group project – 4 members per group
- Carried over 14 weeks (including 2 reading weeks)
- Develop a business software
- Should be a web-based application
- Deliverable every week, which will be evaluated
- One final evaluation

Team Formation

- Each member could play different roles in the team
  - Document manager
  - Developer
  - Tester
  - ….
- But everyone should involve in every aspect of the project
  - Requirement analysis
  - Design
  - Implementation
  - testing