COMP9323 Course Introduction

e-enterprise Project

Semester 2, 2005

Aims/Objectives of the Course

This course is the third installment of the three-part series of the `e-Commerce Systems` stream. It aims at allowing students to pursue a group- based and practical project related to e-commerce systems in an identified area of interests (e.g., e-banking, e-heath, e-government). Groups will be supervised by mentors. The project demonstration will be exhibited to all members of the class at the end of the session. In this course, we will follow a product-based framework to the project-based learning.

Outline of the main features of the course:

- Group based project related to EC systems
- Product-based framework
- Learning complex EC Systems Development through Projects
- Projects focus on identified area of interests (e.g., e-banking, e-health, e-government, e-commerce portals)

By the end of the course, students should be able to:

- Learn the process of building a large enterprise system in collaboration with other project members
- Develop the main components of an e-enterprise portal
- Integrate a number of separate components to build an integrated system
- Develop testing suites for an e-enterprise portal
- Develop software documentation and portal web site for various stakeholders

Pre-requisites of the Course

- Good knowledge of database (equivalent to: COMP3311/COMP9311)
- Good knowledge of programming (equivalent to: COMP9321)
- Good knowledge of design concepts and techniques (equivalent to UML class diagrams and ER, equivalent COMP9322)

Staff Information

Name	Office	Phone	Email	Role	Comment
Boualem Benatallah	k17-407	x4767	boualem	Lecturer in Charge	Main Contact Point
Helen Paik	TBA	TBA	hpaik	Lecturer	...

Lectures

There is a 1-hour lecture to introduce main components of the project and also some specific topics for a number of weeks. **First week: Tuesday 5 to 6pm in Seminar Room, first floor, K17**. **The remaining weeks, time and venue will be confirmed ASAP.... watch the web site**. There will be project meetings every week with mentors and among group members. Following table shows a **(tentative)** weekly schedule.

No.	Weeks Starting	Topic
1	25 Jul	Introduction
2	01 Aug	Groups formation, architectures of e-enterprise portals
3,4	08 Aug	Specification
4,5,6	15 Aug	Design
6,7,8	29 Aug	Implementation (user layer and initial prototype
9,10,11	19 Sep	Implementation (complete business logic and integration aspects)
11,12	10 Oct	Software documentation support and test suites
13	24 Oct	Web site and demo scenarios
14	31 Oct	demos

Assessment

There will no mid-term or final exam in this subject. There will be a large project which consists of the following parts:

Assessment Item	Topic	Worth	Due
Part one	Specification document	10%	Week 4
Part Two	Design document	20 %	Week 6
Part three	Implementation - Prototype version 1	25%	Week 8
Part Four	Implementation - Prototype version 2	25%	Week 11
Part Five	Software documentation support and test suites	10%	Week 12
Part Six	Web site and demo scenarios, demos	10%	Week 14

Supplementary examination will only be granted when a student was not able to do some parts of the projects for reasons beyond the student's control (eg., sickness),

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