

CS220 Project

Who am I?

Lo Chi Wing, Peter

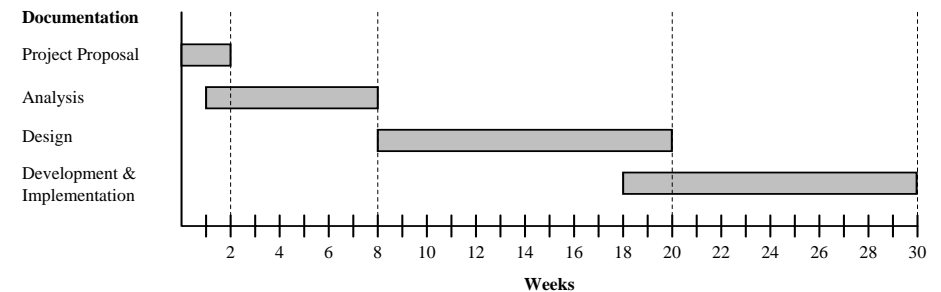


■ Email: Peter@Peter-Lo.com

Introduction

- Objective of the CS220 unit is to instruct students in undertaking a full-fledged systems development, with the emphasis being placed on the development of practical skills of development.
- Students of the unit will work in groups over an eight month period, and undertake development of an information-based system with the use of the System Development Life Cycle (SDLC).

Schedule for Project Documentation Submissions



Critical Date for Submissions

- Proposed should be complete on **17th March 2005**.
- Analysis Phase is to be completed, and the documentation of its findings is to be submitted on **14th April 2005**.
- Design Phase is to be completed, with the documentation compiled and submitted on **2nd June 2005**.
- The whole project (i.e. Development & Implementation phase) is to be concluded, documented and submitted on **14th July 2005**.

Requirements for a Pass in Project

- All of the following requirements must be met in order for a pass in the project to be awarded.
 - ◆ A working software program at the end of the cycle.
 - ◆ An attendance of at least 6 consultations over the course of the eight months. ***This is an individual requirement for each student.***
 - ◆ A pass in the overall mark awarded for all three reports for the phases.

Assessment

- The breakdown in weight of each area of assessment should be as follows:

Regular Consultation Scores	15%
Documentation	60%
<u>Project Demonstration</u>	<u>25%</u>
	100%

Proposed Topic - Business System

- Warehouse Management and Inventory Control System
- Point of Sales (POS) with Barcode Support
- Trading and Logistic System with Barcode Support
- Car Parking Management System
- Personal Information Management
- Patient Record Management System
- Desktop Management and Helpdesk Support System
- E-Commerce Content Management and Catalog Administration System



Proposed Topic - Expert System

- Job Matching System
- Interactive Voice Recognition System (IVRS)
- Inter-Network Management System
- Knowledge Base Searching Engine
- Web Advertisement System with CRM
- A.I. Chat Room with Auto Response
- Fingerprint Recognition System
- Employee Evaluation System



Proposed Topic - Mobile Application

- Wireless Online Game for Mobile Device
- Mobile Location Services
- M-Commerce Applications
- Mobile Payment Gateway
- Wireless Security System



Topic that might not be Approved

- Human Resource Administration System
- Video Rental System
- Student Registration System
- Library Rental System
- Tour Package System
- Car Rental System
- Payroll System



Reference

- <http://www.Peter-Lo.com/Teaching/CS220>