COMP 5524

➢ Lecture Schedule:
  • Tuesday (HJ 304, 18:30-21:30 Hrs)

➢ Course Material → Accessible from WebCT
  • Lecture Slides
  • Assignments, Solutions
  • Online References, Articles, and Links
  • Course Website:

➢ Teaching Assistance:
  • TBA
  • Email: TBA
Who is Am I?

- Research
  - Computer Vision, Pattern Recognition
  - Biometrics, Industrial Inspection

- Department of Computing

- Office: PQ 831

- Email: csajaykr@comp.polyu.edu.hk

- Office hours: by appointment via email
Course Outline

➢ **Objectives**

- Understand the Design and Development of collaborative Systems ➔ Streamline Organizational Business Processes


- Industry Standard ➔ WfMC workflow reference model, XML consortia formed in various industry

➢ **Indicative Textbooks**


Course Material

- Lecture Material
  - Copies of slides provided weekly on class website
  - Slides are only an aide memory, … …
  - Attend Lectures
    - Lectures gives you detailed point-wise meaning
    - Slides may change
  - Roughly follow recommended textbook
  - Only selected subset of chapters
  - Enriched with material from further sources (Journals/Articles)

- Course Format
  - Lectures
  - Discussions
  - Case Analyses
  - Presentations on specific topics
COMP 5524

What do I learn in this course?

- Become better informed users, customers and/or professionals in the application and use of groupware systems
- Develop a thorough knowledge of improving business performance through office automation and workflow applications
- Understand design and development of Collaborative Systems
  - Improve system integration
  - Improve accountability and decision making
  - Promote competitive advantage
- Understand key industry standards and models
- Deepen critical-thinking and problem-solving skills
Why Workflow Management?

- Better, Cheaper faster businesses
- Improved efficiency → mostly through automation of business processes
- Improved customer service → through consistency in the processes
- Improved process control → helps management and improves overall quality of the outcomes
- Flexibility → software control over processes enables their re-design in line with changing business needs
- Business process improvement → through focus on business processes

Must understand and benefit from new realities
Focus of this Course → Models

Operational process

Information System

Model
Workflow Management

- Separation of processes, resources and applications
- Focus → Logistics of work processes
  - Not on the contents of individual tasks
- It is not sufficient to just understand the workflow models
  - You have to be able to design them yourself
Lecture Format

- **Slides and transparencies**
- **Illustrative examples**
  - Supplement the slides and transparencies
- **Lectures**
  - Come regularly
  - It is your responsibility to catch up your missed lectures with your friends
- **Assignments**
  - Tutorials
  - Important exercises to supplement the lectures
  - More rigorous problems to consolidate your knowledge
Assessment

- Continuous Assessment
  - 45%
  - Two Assignments {details will be announced later}

- Examination
  - 55%
  - No make up examination will be given
  - Will cover material in assigned readings
  - Material included in the lecture, closed-note and closed-book
Thou Shall Not Cheat

- Do not cheat
- I encourage you to discuss your assignments with your friends
  - Put everything in your own words
- But no copying
  - It is NOT a shame of not knowing how to do
  - Copying causes damage to your integrity and respect
  - Copying is stealing intellectual property
  - TAs will catch cheaters
- What if you are caught copying?
  - Both the copier and the originator get 0
  - 2nd time: Both get 0 and one full downgrade
  - Caught 3rd time: FAIL
  - If it is minor or major, an automatic FAIL