COMP3710 Tutorial 4

• Feedback on PP02 is on the web
• Feedback on PSR03 – from tutor
• Submit your designs now, they are due at the start of tutorial week 5
• PSR04 is due at start of this tutorial

• PSR05 is due week 6, although you have no tutorial
The Process Model

- Business Perspective - Process Orientated Model
  - Application
  - Marketing
  - Develops Use Cases, etc for client requirements

- Software Perspective - Data Orientated Model
  - Functional model of software
  - Data Requirements eg DFD, Data Table
  - System development
What is your role as Stutech

- SIP wants software for Project Management
- SIP developed user requirements, mostly process orientated
- We are developing software
- The software is a database, data orientated design
- We will sell this software to SIP
- SIP will manage the Farm Cheese project using this software
- Farm Cheese participants are involved in a collaborative project
- They will store their PM data on the software
Context for your learning

- You are learning to use a Project Management Software
- You are learning to design a Project Management software
- These two processes should support each other
- If you need an outline for your Project Management, there are two developed:
  - CMMIOOutline.doc see Lecture 4 and
    ~cs3710/PMmaterials/Resources/CMMICourseOutline.doc
  - PMBOKCourseOutline.ppt see
    ~cs3710/PMmaterials/Resources/PMBOKCourseOutline.ppt
How do you do Risk Analysis in MS Project
Insert Risk
Action in Event of Risk
Look at Use Case 1,4,5 in MS Project, eg:

• Look at the following slides
• Also try ‘Insert column’ and add new columns to get new data that may help you, such as ‘Baseplan Duration’ etc.
Assign Resource

View resource availability

See also:
You can view a graph of a selected resource's availability to find overallocated or underallocated resources within a project or across projects.

1. On the View menu, click Gantt Chart.
2. In the Task Name field, select the task that the resource is assigned to.
3. Click Assign Resources.
4. Select the resource whose availability you want to view, and then click Graphs.
5. In the Select graph box, select one of the following:
   - Click Remaining Availability to see the amount of available working time the resource has left.
   - Click Work to see the amount of work the resource currently has.
   - Click Assignment Work to see the total work load for the resources assigned to the selected task and the total availability of the selected resources.

Tip: You can also see your graph in Microsoft Project Web Access. This is especially useful if you don't have Microsoft Project on your computer, or if you want to look at greater detail, such as resource availability broken out by project.
Project End Date Changed
Tracking by earned value – First enter your task cost (eg use hours)
What next

- Project Status Reports should include some **analysis** of your data.
  - Any over run in time
  - Maybe track your project by earned value
  - Any need to replan
  - Can you use your data from the Project Planning Module to do new estimates for your Project Tracking Module

- This has to be done in more detail for Project Review Report, so start now

- If you can track in MS Project, you will design a better system for your software.
Pairs (if your tutorial is paired)

- Form you pairs now
- Give your names to your tutor