

Chapter 4

Supplementary Notes Part 2

Homework #1 Results

- Great reports
- High scores (4 or 5) for everyone
- Goldie Locks distribution:
 - Some were a bit too short
 - Some were a bit too long
 - Some were just right
- Email reply to your submission with grade and comments coming shortly
- Class email address (correction):
 - `cs584000@emory.edu`

Software Process at University Library

- Guest speaker: Scott Turnbull
 - Software Development Manager
 - Part of the Digital Systems Division
 - Technical Project Management
 - Software Engineering
 - Systems Engineering
 - Manages all aspects of technology for the EU Libraries (EUL)
- Agile Process & EUL Approach
- Participating in Project Groups as occasional advisor

Project Setup

- Development environment
 - Server with RHE and dev environment
 - Special logins (not your university login)
 - Static IP for remote connection
 - → Setup of the environment is still in progress, should be ready by this week-end
- Team Organization
 - Assign roles (team lead, plus a lead for each deliverable & presentation)
 - Project groups created on Ning at <http://swengineering.ning.com/groups>
 - Sign up for your group
 - Team Lead must post list of assigned roles in your group
 - Project Managers and SW Dev Manager have been invited to participate too
- Research your dev tools!
 - Google for tutorials
 - Work through examples
 - Look before you leap

Develop a Project Process Model

- Include the key 5 components:
 - Communication paths/styles/approaches for team & PM
 - Project Planning approach
 - Solution design tactic
 - Development plan
 - Deployment/release plan
- Draft of the Process should be posted on your group page
 - 2 October 2009 deadline for this

Fact/Fallacy Tidbit

- Fact 9
Software estimation usually occurs at the wrong time
- Discussion
 - At the start of a project, customers typically pressure programmers to “estimate” how long a project will take
 - Accurate estimates require in-depth understanding of the requirements
 - Requirements analysis takes time and effort, and those details are obtained after a project begins...
 - So the estimation occurs before the data is available
 - The result is wild inaccuracy in project estimates

From Robert Glass, “Facts & Fallacies of Software Engineering”