Personal Project Management Process

Lecture 5

Assignments – Please offer for Review NOW!!!

Goals of Presentation

Some Administrivia

Discuss Chapter 5 and Fourth Exercise

Lecture (Watts Humphrey's material)

Assignment & Exercise Details

• Reading

• Standards

• Program 5A
Some Administrivia

Assignments
- May be reviewed before or after class with instructor
- Don't hand in until complete and correct

Assistance
- Estimating - Checking with classmates/colleagues is OK, but
  - note that it was done and track the time spent
  - if estimates change, report both original & changed estimate
- Design and Code – Review by colleagues is OK: Review time and defects should be reported

Class Data To Date (separate handout)

Some Administrivia (cont.)

Grading
- Emphasis is on getting the work right, even if it must be late: High Quality Work is the goal
- Emphasis is not on absolute performance, but
  - on improvement
  - on the extent to which data is analyzed and used to affect behavior
- Steps per Watts Humphrey
  - All forms present and in proper order
  - Each forms data complete and readable
  - Data items on each form are self-consistent
  - Data dependencies among forms are self-consistent
  - Data are properly used
- Topics to be checked with each process version – identified as Exit Criteria (NOTE: "Checklists" to be discussed today)
Some Administrivia (cont.)

Report R3 Purposes
• Early experience using data gathered on your process
• Demonstrate the problems and frustrations of analyzing data when
  – Incomplete
  – Inconsistent

Report R3 Grading
• Items checked
  – All entries completed
  – Numbers are consistent
  – Total columns make sense
  – Defects per KLOC properly calculated

Discussion: Chapter 5 or 4th Excel Exercise (cont.)

Identify points as
Chapter or Spreadsheet Process Exercise or Report
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Discussion: Chapter 5 or 4th Excel Exercise (cont.)

Identify points as
Chapter or Spreadsheet Process Exercise or Report

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Discussion Chapter 5 and Fourth Exercise (cont.)

What did you use for estimated Object LOC per method sizes.

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Agenda

Discuss Chapter 5, & Fourth Exercise

⇒ Watts Humphrey’s Material ⇐

Assignment & Exercise Details
Exit Criteria vs. Checklists

What is a checklist?

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What are they in Fagan's Inspections

- An aide to preparation for an inspection
- In addition to exit criteria

Why are Exit Criteria harder to generate than checklists or kits?

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Process Exercises

Exit Criteria vs. Checklists

PPMP Reading Plus

Planning and Tracking Exercises: Using Watts' Lecture and your Task & Schedule Spreadsheet (2S)

- Project the planned completion (WH L6 pgs __)
- Add a task and adjust earned value (WH L6 pgs __)

Assignment Kit #5 (separate handouts)

Assignment 5 Details: (see separate lecture notes)

- Exercise description
- PSP1.1 Exercise Reports
Personal Project Management Process – Lecture 5

- Exit Criteria

Assignment & Exercise Details

PPMP Reading Plus

Read Chapter 6
- Diversion to Appendix A9
- Diversion to Appendix A11

Read process specifications in Appendices C and D
- PPMP1.1 Process: Like PSP1.1's Appendix C4, pgs. 623-627
- PPMP1.1 Process Scripts – Like PSP1.1's Tables C41..C44, pgs. 686..689
- PPMP1.1 Project Plan Summary and Instructions – Like PSP1.1's Tables C45 & C46, pgs. 690-692
- Task Planning Template & Instructions – Tables C47 & C48, pgs. 693-4
- Schedule Planning Template & Instructions – Tables C49 & C50, pgs. 695-6