Personal Project Management Process

Lecture 6

Assignments – Please offer for Review NOW!!!

Goals of Presentation

Class Data To Date (separate handout)

Discuss Chapter 6 and Fifth Exercise

Lecture (Watts Humphrey's material)

Assignment & Exercise Details

• Reading
• Standards
• Spreadsheet 6S
• Report R4
Discussion: Chapter 6 and Fifth Exercise

Identify points as Chapter or Programming Exercise

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Other tasks on which YOU could personally use PSP resource planning

– What historical data do you have (or can you generate)?
– Do you have a process definition for it?
– Does it have a defined framework?

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Discussion: Chapter 6 & Fifth Exercise (cont.)

Why is it better to have a size or effort range instead of a simple average?
• Average alone does not tell us about how MUCH the estimate might vary

What problems might be indicated by the following regression parameters:
• Small or negative $\beta_1$: Predicted value will not change much with estimate changes

• $\beta_0$ greater many of your data points: Hard to predict low values; have great dispersion in the data

• A large, positive or negative $\beta_0$: 
Discussion: Chapter 6 & Fifth Exercise (cont.)

Watts recommends assuring the reasonableness of every estimate. How would you go about that?

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What would you do with an unreasonable estimate?

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Agenda

Discuss Chapter 6 and Fifth Exercise

⇒ Watts Humphrey's Material ⇐

Assignment & Exercise Details
Agenda

Discuss Chapter 6 and Fifth Exercise

Watts Humphrey's Material

⇒ Assignment & Exercise Details ⇐

Assignment & Exercise Details

Reading Plus

Reading
• Chapter 7
• Multiple Regression
  – Appendix A9, pg. 552-557, Multiple Regression
  – Appendix A10, pg. 557-560, Multiple Regression
Prediction Interval

Review process specifications in Appendices C
• PSP1.1 Process: Appendix C4, pgs. 623-627
• PSP1.1 Process Scripts – Tables C41..C44, pgs. 686..689
• PSP1.1 Project Plan Summary and Instructions –
  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
Assignment & Exercise Details

Process Exercises

Spreadsheet 6S: Separate Handout
• Review exercise description (Based on DSE Program 10A, pg. 760)
• Assignment Kit #6: Separate Handout
• Exercise Evaluation and Grading Process
  – Specific Items to be Checked per form or Process
  – PSP1.1 Exercise Reports – Exit Criteria

Report R4: Separate Handout
• Review exercise description (based on DSE Report 4, pg. 771)
• Assignment Kit #?W: Separate Handout
• Exercise Evaluation and Grading Process
  – Specific Items to be Checked per form or Process
  – Report 4 – Exit Criteria