

Assignment 2: Estimation

Estimation

- Estimate the effort (hours and person days) of the activities
 - "4000 Enhanced Developer Telecommuting Methods & Procedures"
 - "5000 Enhanced Developer Telecommuting Training Program"of the Advanced Developer Telecommuting project with Arena Services (homework)
- Consolidate your draft estimation within your group and come up with one agreed solution. Clarify open points and document the assumptions you made (exercise on Wednesday)
- Present your solution for the Estimation of the activities "4000" and "5000" of the *Advanced Telecommuting Project* in 5 minutes (exercise on Wednesday)

Additional Information for homework

- Documents with information about scope, functional requirements, technical requirements, expectations and assumptions:
 - Project Agreement (ADT_ProjectAgreement.doc)
 - Problem Statement (ADT_ProblemStatement.doc)
- Document your activity estimation in xls format
- To determine the scope of the activity list use the WBS-Solution from the previous session:
 - Work Breakdown Structure (ADT_HW1_WBS_Solution.xls)
- Make use of the given estimation factors
 - Estimating Factors (ADT_HW2_EstimationFactors.doc)
- Document your assumption per activity and sub activity

Tips for developing the Work Breakdown Structure

- For the correct estimation of the activities take into account:
 - Complexity of the task
 - Number of units of the task
 - Number of hours needed to complete one unit of the respective activity
- Determine and document assumptions where necessary
- The chronology of the work products is not defined (this is done later in the Task Model, by accounting for the duration of the WBS elements and the dependencies between them)
- No resources are assigned to elements of the WBS and the activity estimation (this is done later during the roles assignment and team assembly)