

CSSE 372 – Software Project Management

Homework 6 – Earned Value Analysis

Objective

To get experience using the Earned Value Analysis (EVA) approach to understand the progress on a project. In this exercise a project is presented and you are asked to calculate a number of EVA. Good luck and have fun!

Due Date

11:55 p.m., Tuesday, Week 7, October 16th, 2012.

Project Scenario

You are a software project manager for a software firm budgeted at \$250,000. As of today, the project should be 38% complete, but after reviewing the status of the scheduled tasks involved in the project, it is clear that only 26% of the work has been completed. The team has spent \$115,000 thus far. What is the current status of the project?

Tasks

1. Establish the PV, AC, and EV for the project.
2. Calculate the SPI and CPI for the project.
3. Calculate the CV, CV%, SV, and SV%.
4. Calculate the EAC and ETC.
5. Write a short description of what the numbers mean for the project.

Submitting Your Work

Please submit your assignment as a single document to the Angel Homework5 Dropbox on Angel under “./Lessons/Homework Dropboxes/HW6: EVA”. Please submit a **pdf** file with a cover page containing your Name, Assignment Title, Date, and Campus Mail number; and the results of the tasks above. Please name the document:

<your last name>HW6-EVA.pdf
(e.g., Bohner-HW6-EVA.pdf).