

Software Development Processes (Methods)

Liuyun 13211208

Demonstration of appropriate understanding with examples (Knowledge)

Estimation is to determine how much cost, efforts, resources and time. It will be taken to build a specific software based system or product. Estimation is foundation for all project planning activities. First, you should product scope, then, put problem into set of smaller problems. And then, Each sub problem is estimated using historical data, software metrics and experience as guides. Lastly, problem complexity and risks are considered before final estimate is made.

When face to estimation and risk,

estimation risk is measured by the degree of uncertainty in the quantitative estimates established for resources, cost, and schedule. Availability of comprehensive historical information and software metrics helps establish better estimates and hence reduces risk factors.

Refencing (review of literature)

Any time an estimate must be based on a decision that has not yet been made, team members can assume the answer for the sake of the estimate.

Assumptions must be written down so that if they prove to be incorrect and cause the estimate to be inaccurate, everyone

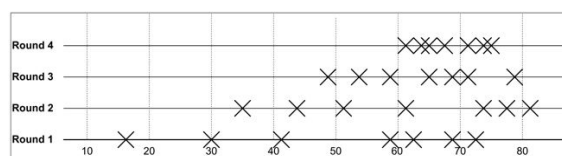
understands what happened.

Assumptions bring the team together very early on in the project so they can make progress on important decisions that will affect development.

Professionalism, style, formatting, and presentation

To do the Wideband Delphi

Process, Firstly, the team should consist of 3 to 7 project team members. Secondly, Kickoff Meeting.



Lastly, The moderator leads the team through several rounds of estimates to gain consensus on the estimates. The estimation session continues until the estimates converge or the team is unwilling to revise estimates. The project

manager works with the team to collect the estimates from the team members at the end of the meeting and compiles the final task list, estimates and assumptions. And, reviews the final task list with the estimation team.