Name: Galiwango Charles Jovans

RegNo: S19B23/119

Estimation Techniques

Wide Band Delphi Estimation

Before i dive into what the wide Band Delphi technique is. Let me first talk about what the Delphi Estimation is

Delphi Estimation

Delphi estimation is done through multiple iterations. In every iteration, team members provide their individual effort estimate of the task/project and then regroup to hear each other's estimates.

In other words Delphi estimation is a structured communication technique which is used as an interaction forecasting method which relies on a panel of experts.

Wideband Delphi is a group-based estimation technique for determining how much work is involved and how long it will take to complete.

The term wideband is used because, compared to the Delphi Method, the Wideband Delphi Technique involves greater interaction and more communication between the participants

How wideband Delphi works

The following players make this technique possible, the project manager, moderator, number of estimators

Its works in a couple of steps as mentioned below;

*Step1: Kick-off meeting*

Here you describe the project to be estimated and its requirements to all estimators and answer any questions raised to clarify the project as mush as possible

*Step 2: Individual estimation*

Each estimator breaks down the project into tasks, and estimates the tasks. These individual estimates must be written down.

*Step 3: Discussion meeting*

Hold a meeting where estimators present their estimates and discuss reasons for the estimates. Because some estimators will see problems or solutions that others did not, the discussion ensures that during the next round of estimation each estimator will take more information into account in their estimates.

*Step 4: Repeat*

Repeat steps 2 and 3 as many times as necessary to obtain an estimate range with an acceptable level of variation between experts.