Software Project Management

Lecture 19

Counting the Cost

Topics Covered

- Counting the Cost

- Being Specific

- Publishing the Resource Schedule

- Cost Schedules

- Scheduling Sequence

Introduction to counting the cost

- The additional cost of employing extra staff or lengthening the overall duration of the project

- The additional cost of employing extra staff would need to be compared to the cost of delayed delivery and the incresed the risk of not meeting the scheduled

Being specific

- Allocating resources and smoothing resources histogram is relatively straightforward where all resources of a given type can be considered more or less equivalent

- In large building project among individual – there are likely to be many laboures and they may be treated as equal so far as skills and productivity are concerned

Being specific(Cont..)

- Nature of resource development

- Estimate of duration

Being specific

Factor need to be taken into account

- Avaibility

- Criticality

- Risk

- Training

- Team building

Publishing the resource schedule

- Work plans are commonly published either as lists or charts

- Amanada has also made no explicit allowance for staff taking sick leaves

Cost schedules

- To produce a detailed cost showing weekly or monthly cost over the life of the project schedule

- Calculating cost is straightforward where organization has standard figure for staff & other resources

Cost schedules

Cost are categorized as follows

- Staff cost

- Overheads

- Usage charges

The scheduling sequence

- Can be represented as sequence of steps

- Successful resource allocation

- cost schedule

- Activity plans

- The interplay between the plans and schedule is complex