Software Project Management

Lecture 17

Resource Allocation

Topics Covered

- Introduction

- The nature of Resources

- Identifying Resource Requirement

Introduction

- The allocation of resources to activity lead to review & modify the ideal activity plan

- It may cause to revise stage

- It is likely to lead to a narrowing of the time spans within which activity may be scheduled

Introduction

Resource allocation includes

- Activity Schedule

- Resource schedule

- Cost Schedule

The nature of resource

- A resource is any item or person required for the execution of the program

- The project manager must concentrate on those resources

- Individual programmer might be committed to work on a number of project

The nature of resource(Cont..)

- Resource will fall into one of seven category

1. Labour
2. Equipment
3. Material
4. Space
5. Services
6. Time

The nature of resource(Cont..)

- Resource will fall into one of seven category

1. Labour
2. Equipment
3. Material
4. Space
5. Services
6. Time

Identifying resource requirements

- The first step in producing a resource allocation plan is to list the resource that will be required along with the expected level of demands

Identifying resource requirements(Cont..)

- This will normally be done by considering with each activity in turn and identifying the resources required

Identifying resource requirements(Cont..)

- It is likely that there will also be resources required that are not activity specific but are part of the project infrastructure

- Resource requirement list must be compresensive

Application

- Google Docs is an amazing online office suite packed with features. It has a feature which you can use to collaborate with multiple users. It only takes a minute to get all of your users editing the same document in real time.

- Campfire is an instant messaging app built for groups. I really like the simplicity and feel of this app. It does not boast a lot of features, instead it tries to accomplish one task very well. If you find yourself juggling between designers, developers and clients on email and IM, you will appreciate the comfort of the single place where you all can actively collaborate, share files, and do work.

- BaseCamp is one of the most popular project management apps around and definitely deserves that rank. The software is very neat and powerful and has an extensive range of features, but it cannot be installed on your own server and cannot be customized to your own needs other than changing the colour scheme or logo. If you plan to sign up, make sure you try out the demo first to see if it suits you. Just because their site is filled with positive testimonials does not mean that they have the best software around. *Starting from: $24/Month*

Scope of research

The Amboseli Baboon Research Project has been ongoing for four decades. Over the years a variety of data types have been collected. Of the data sets described in this guide, some (i.e., demographic data) have been ongoing since 1971, while others extend back for somewhat shorter periods. Almost all data types that we currently collect extend back to at least 1980. Still other types of data were collected for shorter periods of time and are no longer a focus of our research efforts. Whatever the data set, the value of the data collected at the Project lies in its consistency and in its consistently high quality across time.