

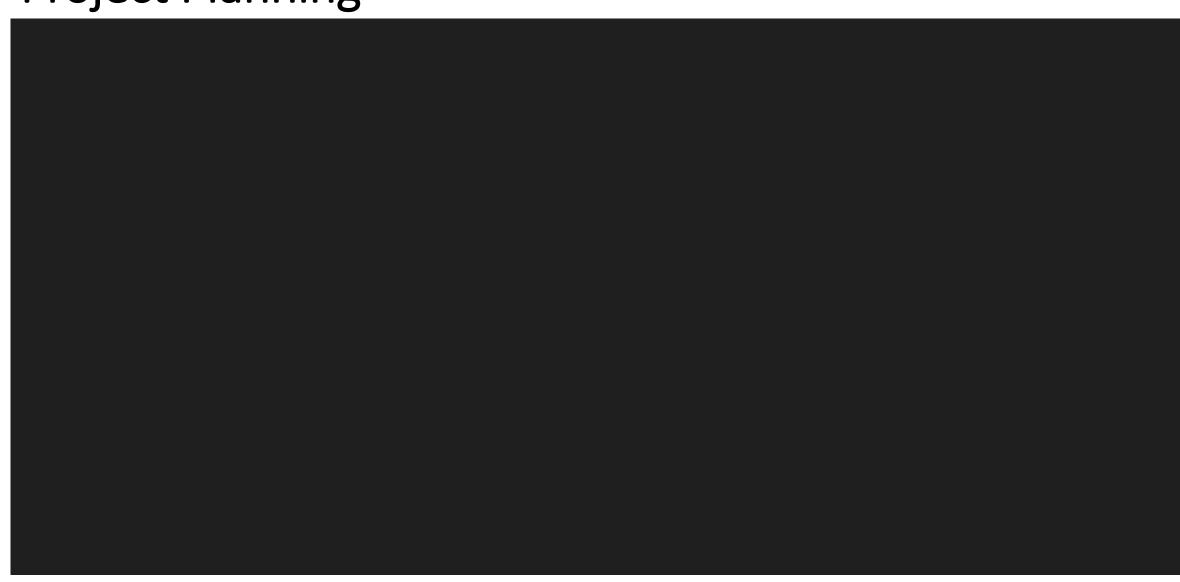
Types Of Plans

Plan	Description
Quality Plan	Describes the quality procedures and standards
Validation Plan	Describes the approach, resources and schedule used for system validation
Configuration Management Plan	Describes the configuration management procedures and structures used
Maintenance Plan	Predicts the maintenance requirements, costs and effort required
Staff Development Plan	Describes how skills and experience of the project team members will be developed

Project Planning

- The following pseudo code sets out a project planning process
 - Establish the project constraints
 - Make initial assessment of the project parameters
 - Define project milestones and deliverables
 - While project not completed or cancelled loop
 - Draw up project schedule and initiate activities
 - Review project progress and estimated project parameters
 - Update project schedule
 - If problems arise then initiate technical review and find solution
 - End loop

Project Planning



Project Plan

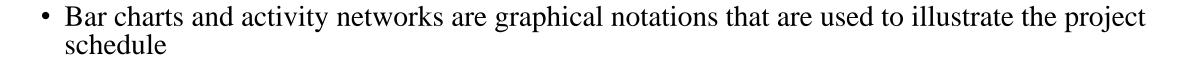
- Sets out the resources available to the project and a schedule for carrying out the work. The project plan includes the following sections
 - Introduction Describes the objectives of the project
 - Project organization Describes the way in which the development team is organized
 - Risk analysis Describes the possible risks and their reduction
 - Hardware and Software requirements- Hardware and Software required
 - Work breakdown Set's breakdown of project activities
 - Project schedule Shows the estimated time required to reach each milestone
 - Monitoring and reporting Management reports that should be produced

Project Scheduling

- It is one of the most difficult jobs of project managers.
- Managers estimate time and resources required to complete activities and organize them into proper sequence.
- Schedule estimation is further complicated by the fact that different projects use different designs and methods.
- Project scheduling involves separating the total work involved in a project into separate activities and judging the time required to complete these activities.
- Some of the activities are carried out in parallel to avoid delay
- If a project is technically advanced certain parts of it may turn out to be more difficult and take longer time

Project Scheduling

- The following diagram shows the project scheduling process
 - Software Requirements
 - Identify activity dependencies
 - Estimate resources for activities
 - Allocate people to activities
 - Create project charts
 - Activity charts and bar charts



• Bar charts show who is responsible for each activity and when the activity has begun and ended. Activity networks show the dependencies between different activities making up a project. Both these activities can be generated automatically from the database using a project management tool



