

Introduction in project management

المحاضرة الاولى

What Is Project Management?

Project management is the application of methodologies, tools and processes to successfully plan and execute projects.

Project management intelligently makes use of teams and resources to complete project activities within the boundaries of time and cost.

What Is Project?

- ▶ Projects are unique operations that are conducted to meet specific goals. Examples of projects might be construction of a building to house community events, or the design of a website to decrease call volume to a business.
- ▶ Projects are often planned, scheduled, executed and tracked with the help of project management software.

Project Management Software and Tools

- ▶ Scoro
- ▶ ProofHub
- ▶ Basecamp
- ▶ Workzone
- ▶ Trello
- ▶ Weekdone
- ▶ Microsoft Project

Microsoft Project (MSP)



What is Microsoft Project?

- ▶ Microsoft Project (or MSP) is a project management software program
- ▶ It is designed to assist project managers in:
 - developing plans
 - assigning resources to tasks
 - tracking progress
 - managing budgets
 - analyzing workloads



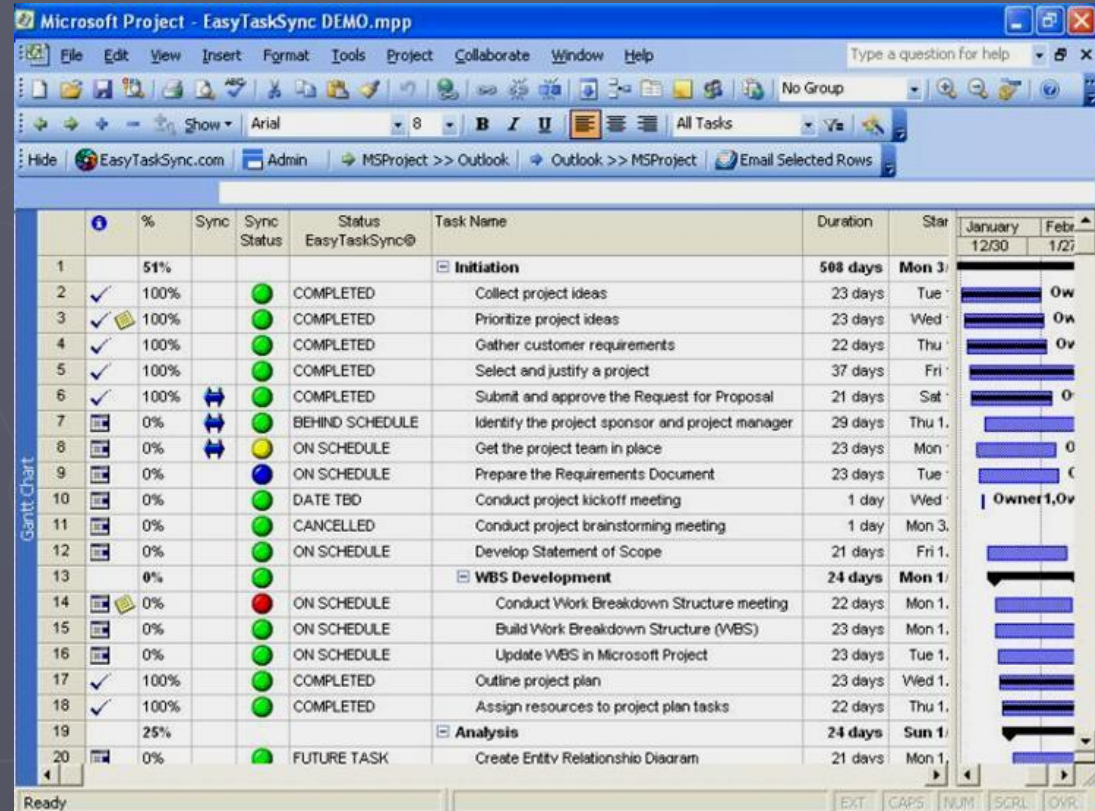
Short History of MSP

The first version of Microsoft Project was released for DOS in 1984 by a company working for Microsoft



Short History of MSP

- ▶ The first Windows version in 1990
- ▶ During 1990's there were also versions for Mac
- ▶ The latest version for Windows is Microsoft Office Project 2019



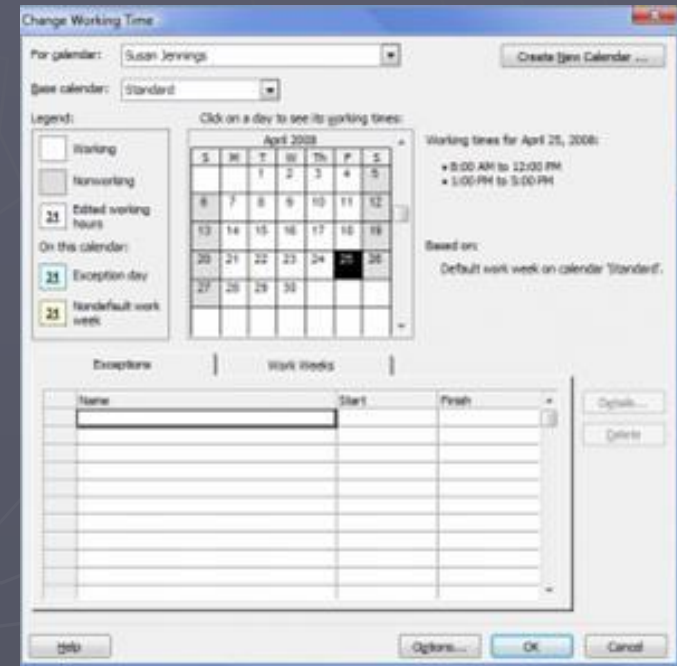
Feature Description

- ▶ Project creates budgets based on assignment work and resource rates
- ▶ Resources – people, equipment and materials



Feature Description

- ▶ Resources can be shared between projects using a shared resource pool
- ▶ Each resource can have its own calendar



MSP Offers

- ▶ Robust management tools with the right blend of:

- Usability
- Power
- Flexibility

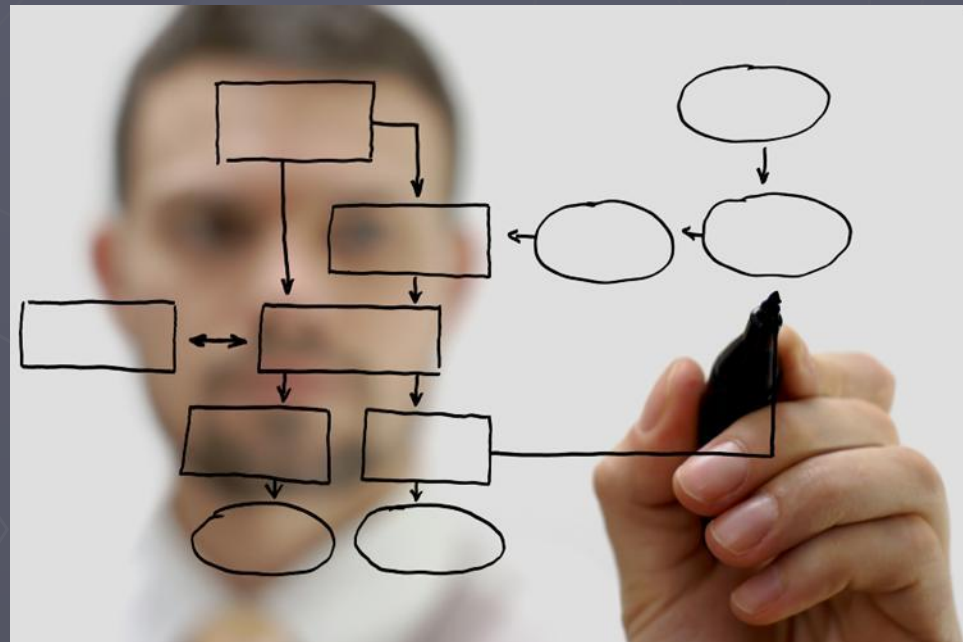


- ▶ That's why you can manage projects more efficiently and effectively.

MSP Offers

► MSP enables you to stay informed and control:

- Project work
- Schedules
- Finances



► And to keep project teams aligned

The Project Map

- ▶ The Project Map can help you accomplish your project goals by using the accepted standards and practices of project management methodology



The Project Map

- ▶ The Project Map outlines the three phases of the project life cycle:
 - Build a plan
 - Track and manage a project
 - Close a project



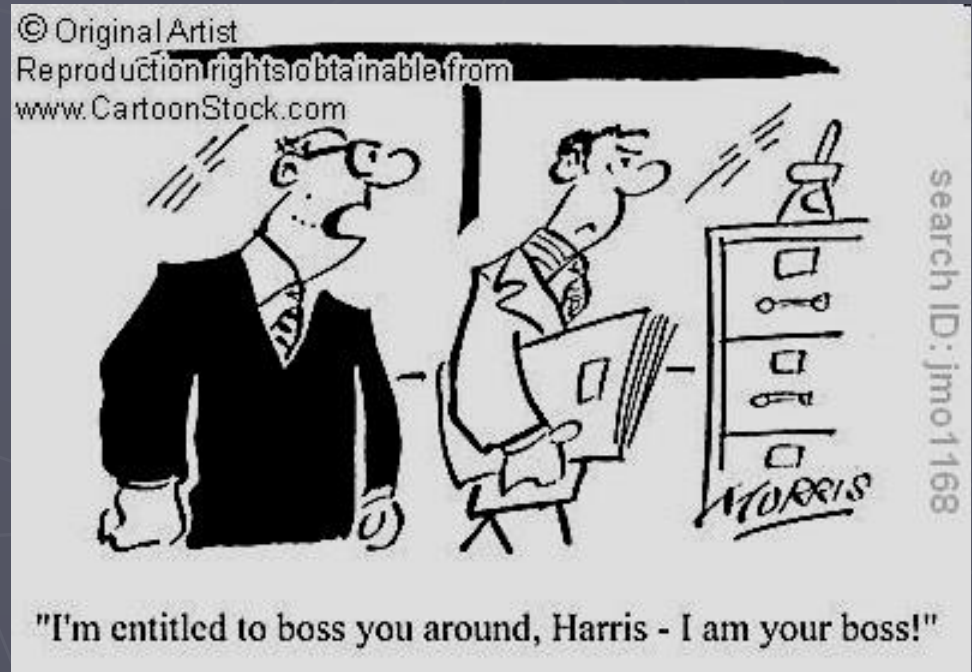
Build a Plan Activities

- ▶ Define a project
- ▶ Plan project activities
- ▶ Plan for a procure resources
- ▶ Plan project costs
- ▶ Plan for quality and risks
- ▶ Plan communication and security
- ▶ Optimize a project plan
- ▶ Print and distribute project information



Track and Manage a Project Activities

- ▶ Track progress
- ▶ Manage a schedule
- ▶ Manage resources
- ▶ Manage costs
- ▶ Manage risks



Close a Project Activity

- Review final project information

Each one of project phase's activities has it's own goals



Microsoft Project

Thank you

