

MS Project Professional 2021

Tutorial #1– The Overview

CS 587 – Software Project Management

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MS Project Professional 2021 Overview

- MS Project Professional is a very powerful and common tool to create a project plans.
- It helps you to efficiently organize your resources, deadlines and other important aspects such as compensation details, project constraints etc.
- The more information you provide, the more accurate will be your project plan.

MS Project 2021 Supported OS

Windows users:

- Supported OS: Windows 10, Windows 8, Windows 2008R2 with .Net 3.5 or greater.

MAC users:

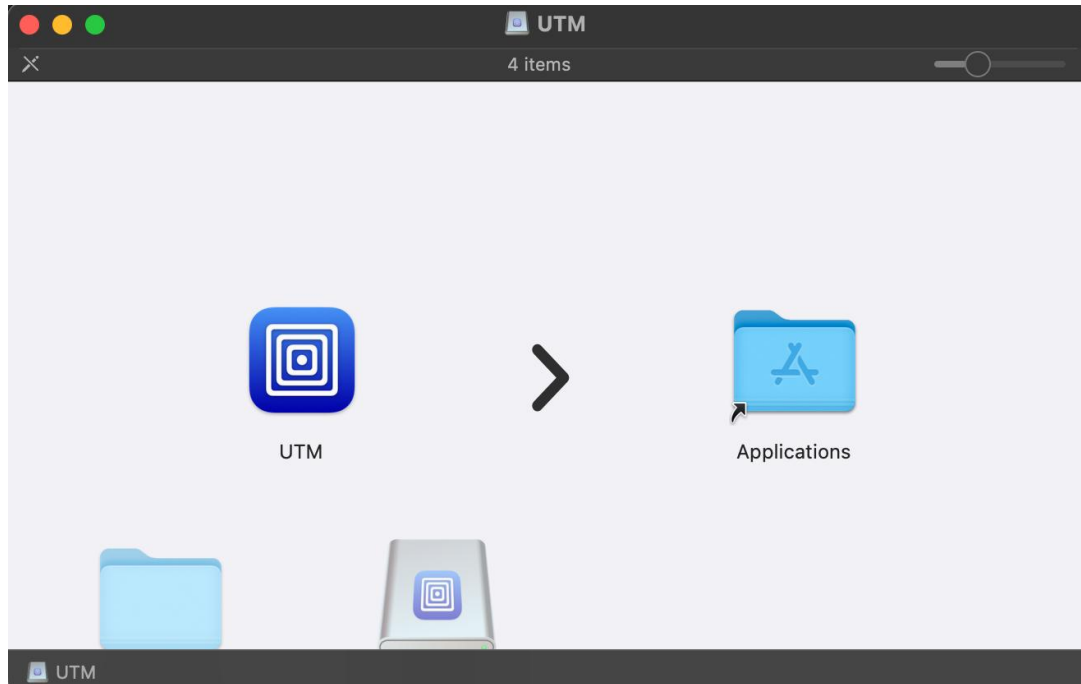
- Either install Windows on a virtual machine (*VirtualBox*, *UTM*, *Parallels desktop* or *VMware*).
- Or use Apple's Boot Camp (<http://www.apple.com/support/bootcamp/>)

Linux users:

- Either install Windows on a preferred virtual machine.
- Or install Windows OS on a separate partition to use the software.

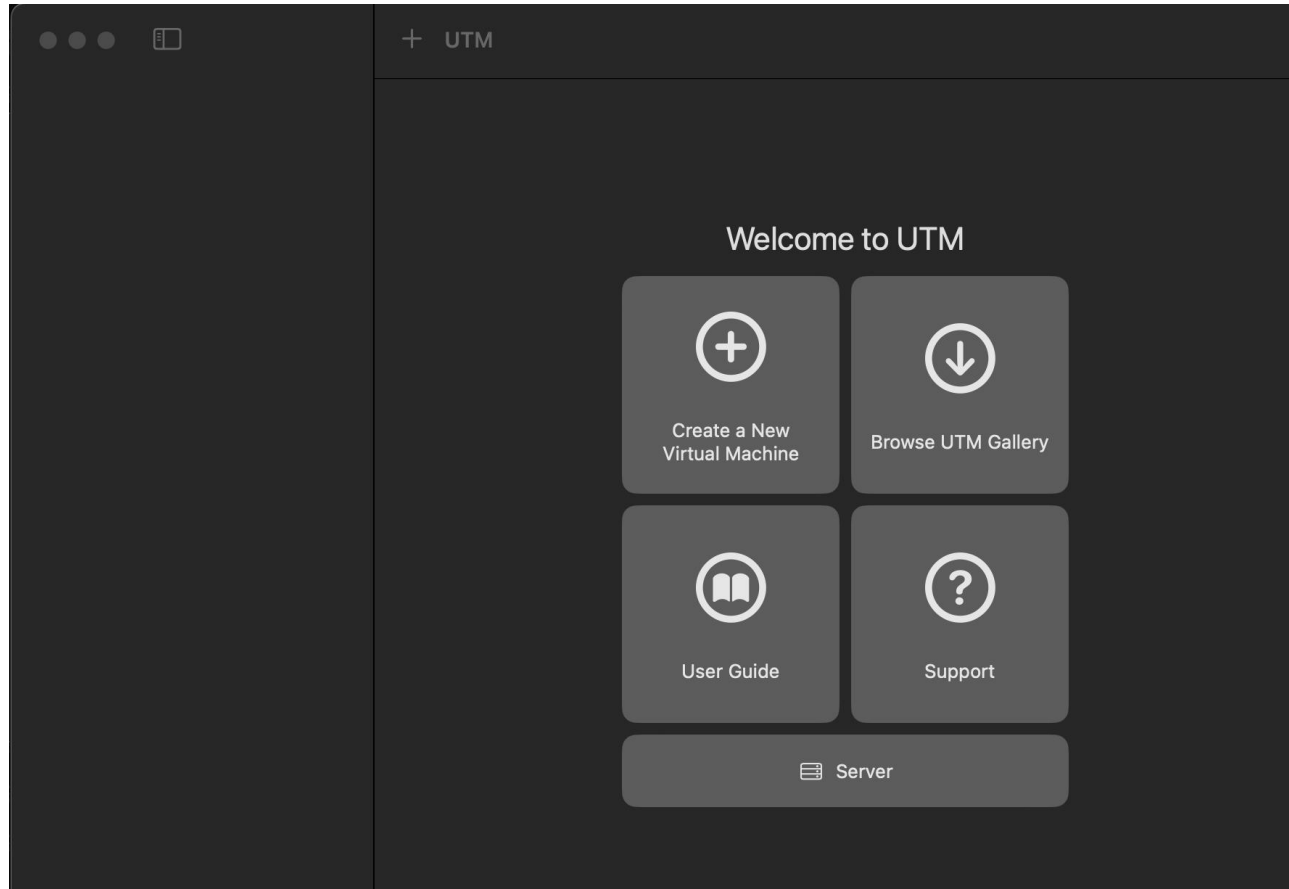
UTM for MAC and Linux users

- You can download UTM from <https://mac.getutm.app/>
- The image of Windows OS can be downloaded from the following URL
<https://www.microsoft.com/en-us/software-download/windowsinsiderpreviewARM64>



- Drag and drop the UTM app to Applications folder
- Run UTM
- Click “Create a new Virtual Machine” to create new virtual machine
- Click on ‘Virtualize’, Select Windows and select the downloaded windows image
- Specify Memory size
- Complete the Windows Setup

UTM for MAC and Linux users



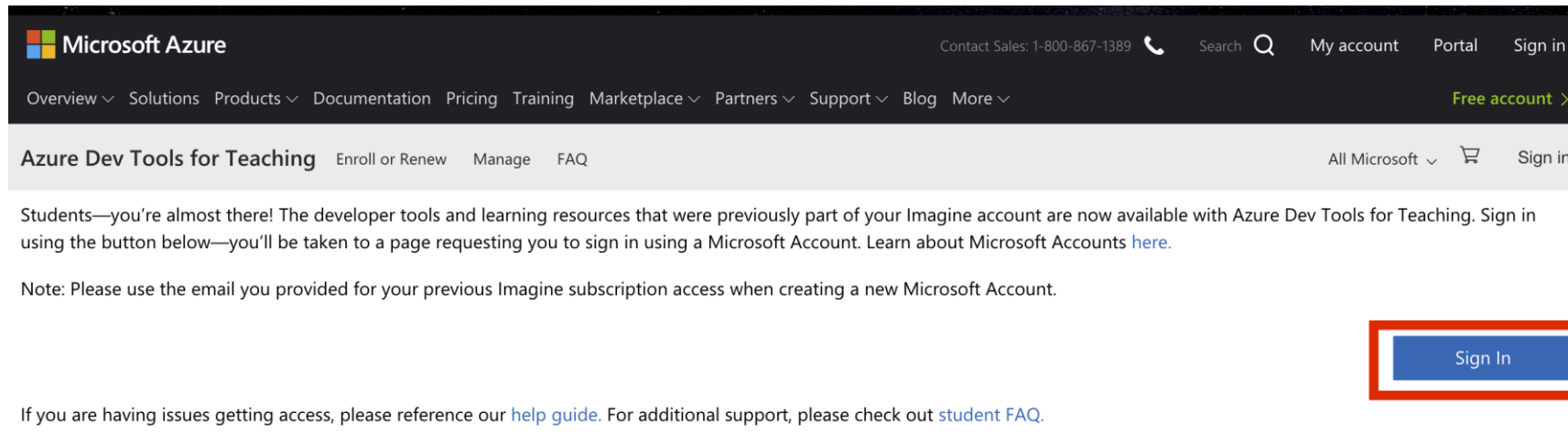
- While setting up windows if you face issue with network driver, type `fn+shift+f10` and execute `oobe\bypassrno` command
- This command bypasses the internet requirement, Now the VM restarts and now we get an option “I don’t have internet”. Click on that and complete the setup
- Install Spicetools using this link <https://github.com/utmapp/qemu/releases/download/v7.0.0-utm/spice-guest-tools-0.164.4.iso>
- Then mount it to UTM and install it to fix all the Issues related to graphics, internet etc

Download the software

- Download the project professional 2021 using following URL.
- URL: <https://azureforeducation.microsoft.com/devtools>
- Login is usually the university email address, e.g., abc@hawk.iit.edu. For first time login, sign up with different email ID and activate your student account (hawk) once logged in.
- After you log in, look for Project Professional 2021 in Learning Resources tab under Software, and download the software.
- *Copy and save the Product Key*
- Follow the steps on the website for downloading the software

Step 1: Log in to Azure.

- Using the link: <https://azureforeducation.microsoft.com/devtools>



Microsoft Azure Contact Sales: 1-800-867-1389 Search My account Portal Sign in

Overview Solutions Products Documentation Pricing Training Marketplace Partners Support Blog More [Free account >](#)

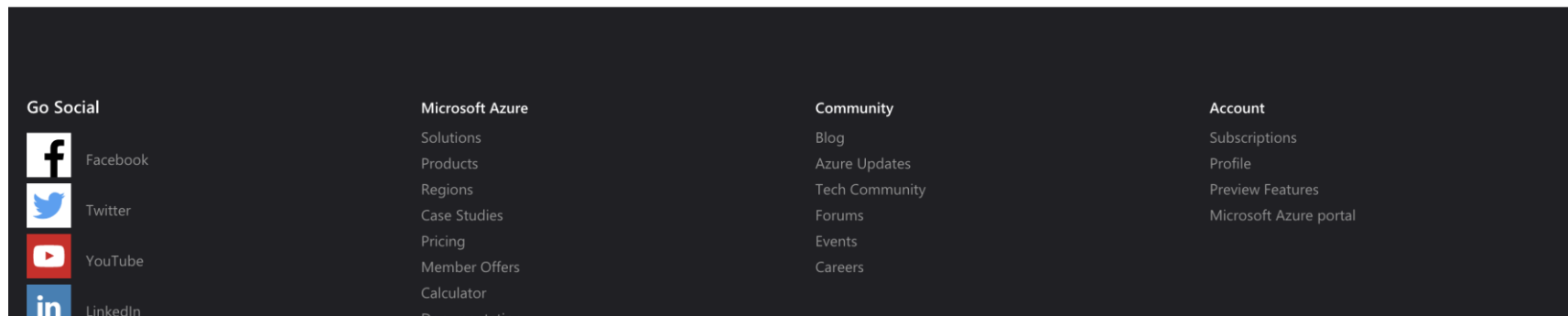
Azure Dev Tools for Teaching Enroll or Renew Manage FAQ All Microsoft Sign in

Students—you're almost there! The developer tools and learning resources that were previously part of your Imagine account are now available with Azure Dev Tools for Teaching. Sign in using the button below—you'll be taken to a page requesting you to sign in using a Microsoft Account. Learn about Microsoft Accounts [here](#).

Note: Please use the email you provided for your previous Imagine subscription access when creating a new Microsoft Account.

[Sign In](#)

If you are having issues getting access, please reference our [help guide](#). For additional support, please check out [student FAQ](#).



Go Social

- Facebook
- Twitter
- YouTube
- LinkedIn

Microsoft Azure

- Solutions
- Products
- Regions
- Case Studies
- Pricing
- Member Offers
- Calculator
- Documentation

Community

- Blog
- Azure Updates
- Tech Community
- Forums
- Events
- Careers

Account

- Subscriptions
- Profile
- Preview Features
- Microsoft Azure portal

Step 2: Add your Student Account to access the software

The screenshot displays the Microsoft Azure Education Overview page. The top navigation bar includes the Microsoft Azure logo, a search bar, and user information for pdhara@hawk.iit.edu. The main content area is titled 'Education | Overview' and features a sidebar with navigation links: Overview, Learning resources (Roles, Software, Learning, Templates, GitHub), and Need help? (Support). The main content is organized into six columns:

- Student offer details:** Shows available credits of \$100 out of \$100, days until credit expires (263, expires on 02/01/2025), and may costs of \$0.00. A 'View cost details' link is at the bottom.
- Popular solutions:** Lists four solutions: 'Deploy a Docker container' (highlighted), 'Create your first Node.js app', 'Create and train a Machine Learning model', and 'Build and deploy your first website'. An 'Explore all' link is at the bottom.
- Free Services:** Lists four services: 'Azure Virtual Machines – Windows', 'Azure Blob Storage', 'Computer Vision', and 'Azure App Service'. An 'Explore all' link is at the bottom.
- Free software:** Lists five software items: 'SQL Server 2019 Developer', 'Machine Learning Server 9.4.7 for Windows', 'Visual Studio Enterprise Edition 2022', 'Microsoft R Client 9.4.7', and 'Agents for Visual Studio 2019 (version 16.0) Test Agent'. An 'Explore all' link is at the bottom.
- Free learning paths:** Lists five learning paths: 'Data Scientist', 'AI Engineer', 'Developer', 'DevOps Engineer', and 'Deploy a Docker container' (highlighted). An 'Explore all' link is at the bottom.
- Resources:** Lists four resources: 'Get started guide for Azure developers', 'Pricing calculator', 'Optimize your cloud investment with cost management', and 'Explore student hub'. A 'FAQs' link is also present.

Step 3: Find the software

- Find the software and download it. Make sure to download the 2021 version.

Microsoft Azure

Search resources, services, and docs (G+/I)

pdhara@hawk.iit.edu
ILLINOIS INSTITUTE OF TECHNOLOGY

Home > Education

Education | Software

Overview

Learning resources

Roles

Software

Learning

Templates

GitHub

Need help?

Support

Software

Keys

pro

Product category : All

Operating System : All

System type : 64 bit

Product language : English, Multilanguage

6 Items

Name ↑↓	Product category ↑↓	Operating System ↑↓	System type ↑↓	Language ↑↓
Project Professional 2021 - DVD	Productivity Tools	Windows	64 bit	English
Project Professional 2019	Productivity Tools	Windows	64 bit	English
System Center Data Protection Manager 2022	Operating System	Windows	64 bit	Multilanguage
Visio Professional 2021	Productivity Tools	Windows	64 bit	English
Visio Professional 2019	Productivity Tools	Windows	64 bit	English
Visio Professional 2016	Productivity Tools	Windows	64 bit	English

Help improve this page

Support + Troubleshooting

Step 4: Copy and save the key, then download it.

The screenshot shows the Microsoft Azure Education Software page. The left sidebar contains navigation links: Overview, Learning resources, Roles, Software (selected), Learning, Templates, GitHub, Need help?, and Support. The main content area displays a search for 'pro' with filters for Product category (All), Operating System (All), System type (64 bit), and Product language (English). A table lists 6 items, with 'Project Professional 2021 - DVD' highlighted. The right sidebar shows details for 'Project Professional 2021 - DVD', including a description, Operating System (Windows), Product language (English), System (64 bit), and a Product key field.

Name ↑↓	Product category ↑↓	Operating System ↑↓	System type ↑↓
Project Professional 2021 - DVD	Productivity Tools	Windows	64 bit
Project Professional 2019	Productivity Tools	Windows	64 bit
System Center Data Protection Manager 2022	Operating System	Windows	64 bit
Visio Professional 2021	Productivity Tools	Windows	64 bit
Visio Professional 2019	Productivity Tools	Windows	64 bit
Visio Professional 2016	Productivity Tools	Windows	64 bit

Project Professional 2021 - DVD
Deliver projects successfully by keeping your projects, resources, and teams organized and on track with Project Professional 2021. Easily plan projects, monitor status, and hover over team members names in a project plan to see availability with online presence for chats or calls via Microsoft Teams. Quickly sync Project schedules and plans with Project Online (as a part of Project Plan 3 or Project Plan 5) and Project Server Subscription Edition. Project Plan 3, Project Plan 5, Project Server Subscription Edition, and Teams are sold separately. Project Professional 2021 supports Long-Term Servicing Channel (LTSC).

Operating System
Windows

Product language
English

System
64 bit

Product key

- Copy the Project 2021 iso file to the Windows running on UTM and install the software

Step 4: Installation

- Run the setup file, this will start the Microsoft Project Professional 2021 installation
- Agree to license and install the software
- After installation, you may need to restart the computer
- You should now be able to access Project Professional under Microsoft Office products containing Office, Excel, etc.
- When you open MS Project 2021 for the first time, register the product **using the Product key copied from Azure for Education**

Project 2021 After installation

Project

Home

New

Open

Account

Feedback

Options

Project Professional

Sign in

?

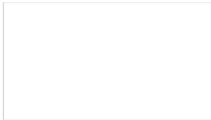
—

☰


✕

Good afternoon


▼ New




Blank Project



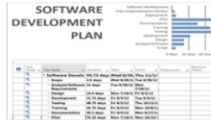
New from existing project




New from Excel workbook



New from SharePoint Tasks...



Software Development Plan



Create a budget

More templates →

Search

Recent

Pinned

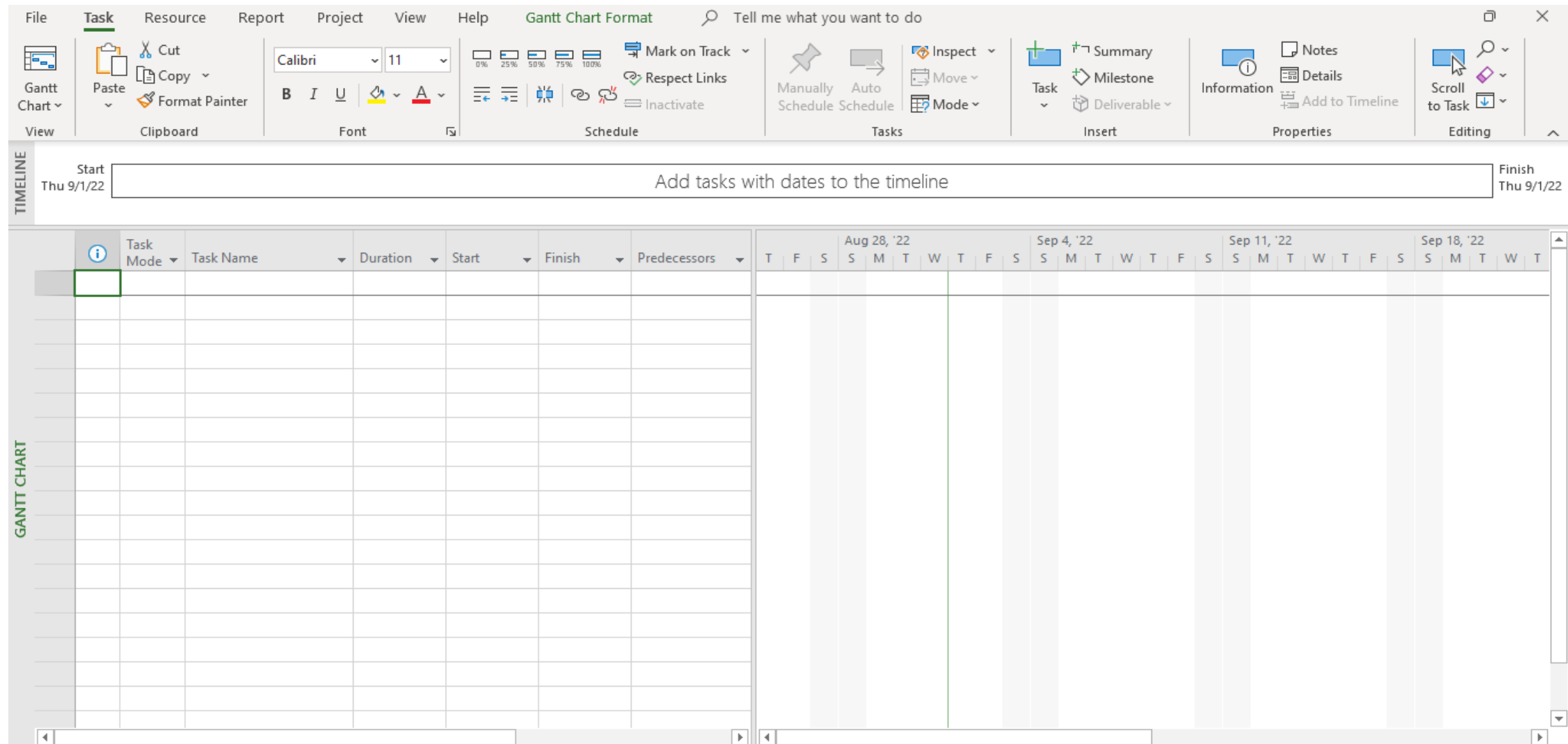
Pin files you want to easily find later. Click the pin icon that appears when you hover over a file.

More projects →

Activate Windows

Go to Settings to activate Windows.

Blank Project:

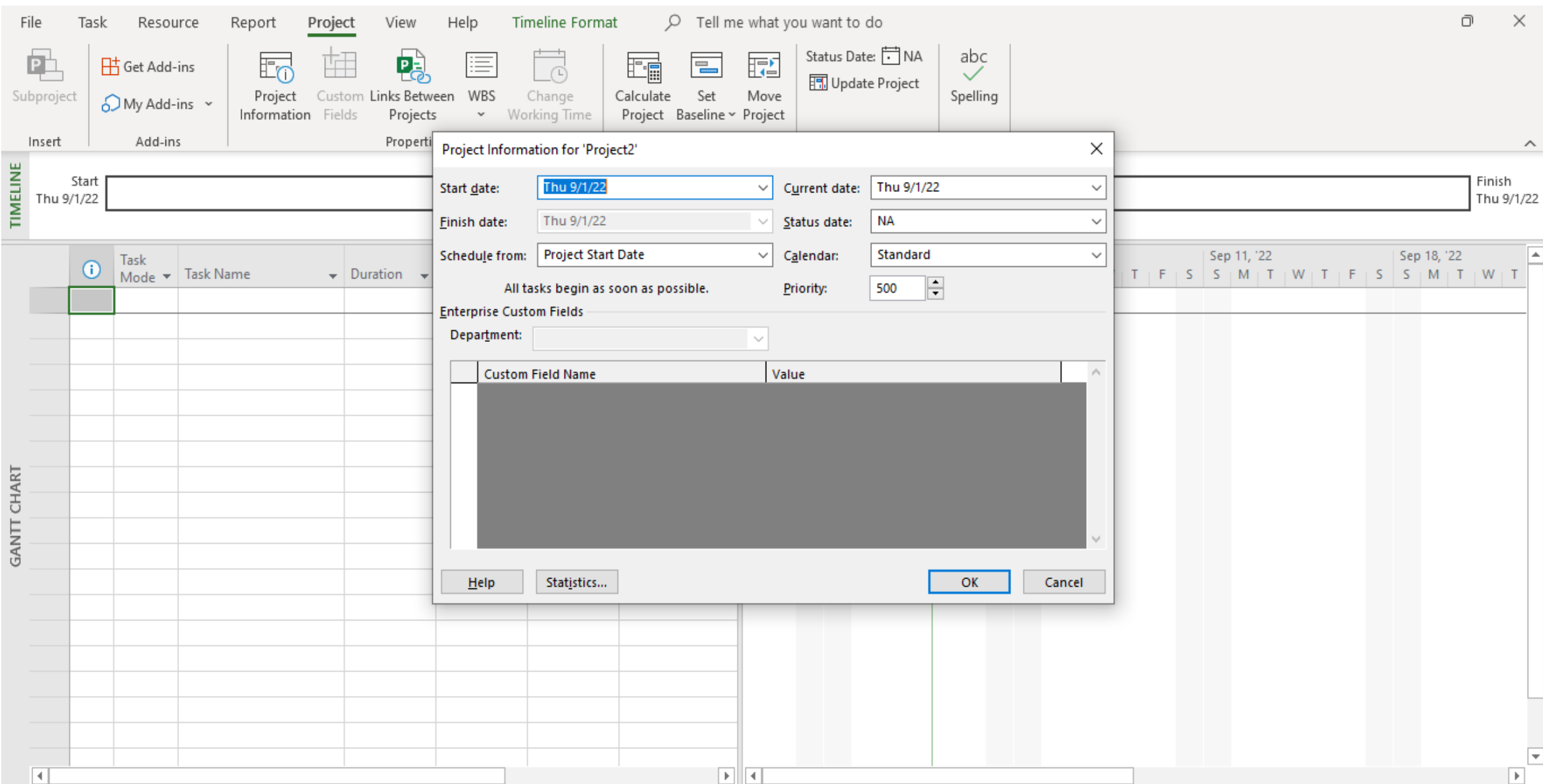


Project Management

- Project management is the process of planning, organizing, and managing tasks and resources to accomplish a defined objective.
- These objectives are met with constraints such as resources, time and cost.
- Projects share common activities, including breaking the project into easily manageable tasks, scheduling the tasks, communicating with the team, and tracking the tasks as work progresses.

How to Create a New Project ?

- Steps to create a project:
- Go to file, select new, click “Blank Project”.
- Enter your project's start or finish date, **but not both**.
- It's recommended that you enter only your project's start date and let Microsoft Project calculate the finish date after you have entered and scheduled tasks.



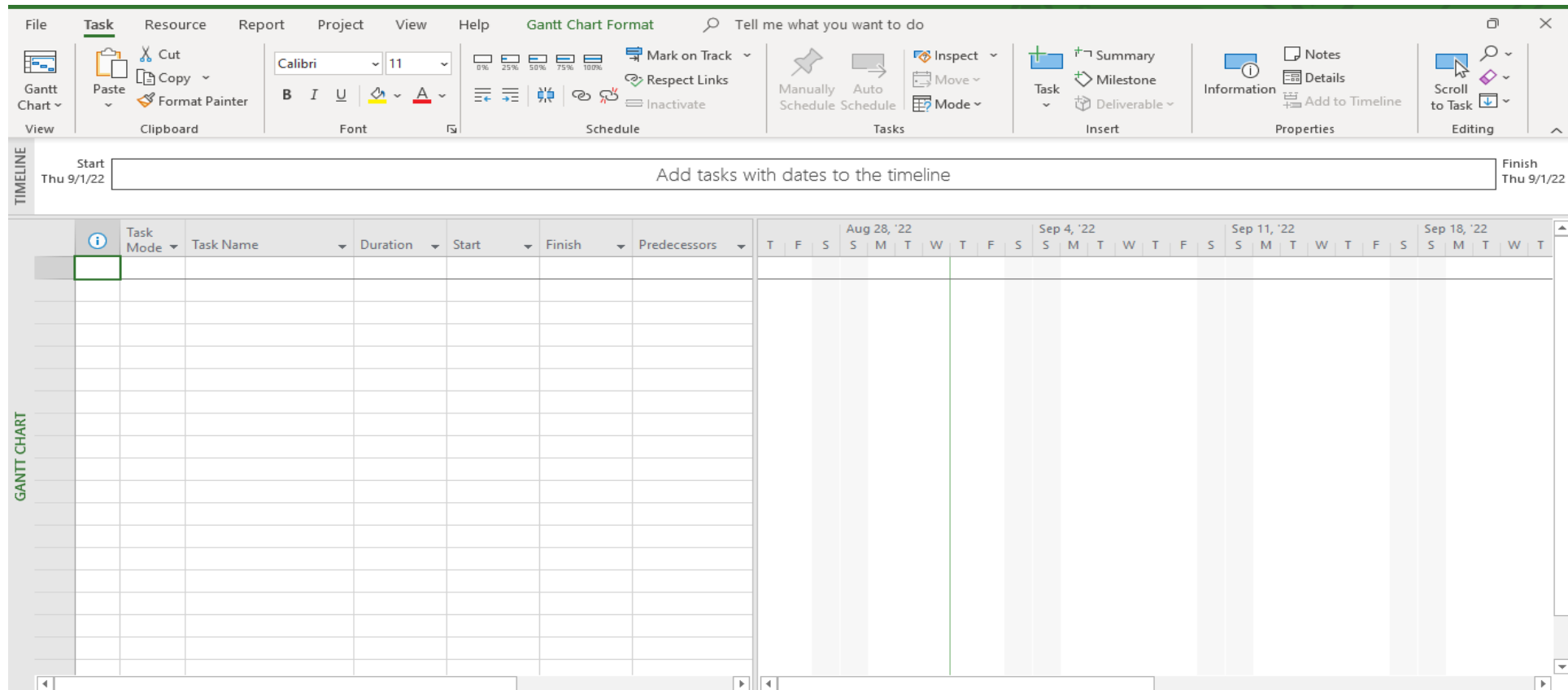
Project View

- Views allow you to examine your project from different angles based on what information you want displayed at any given time.
- Project Views are categorized into two types:
 - Task Views
 - Resource Views

Project View

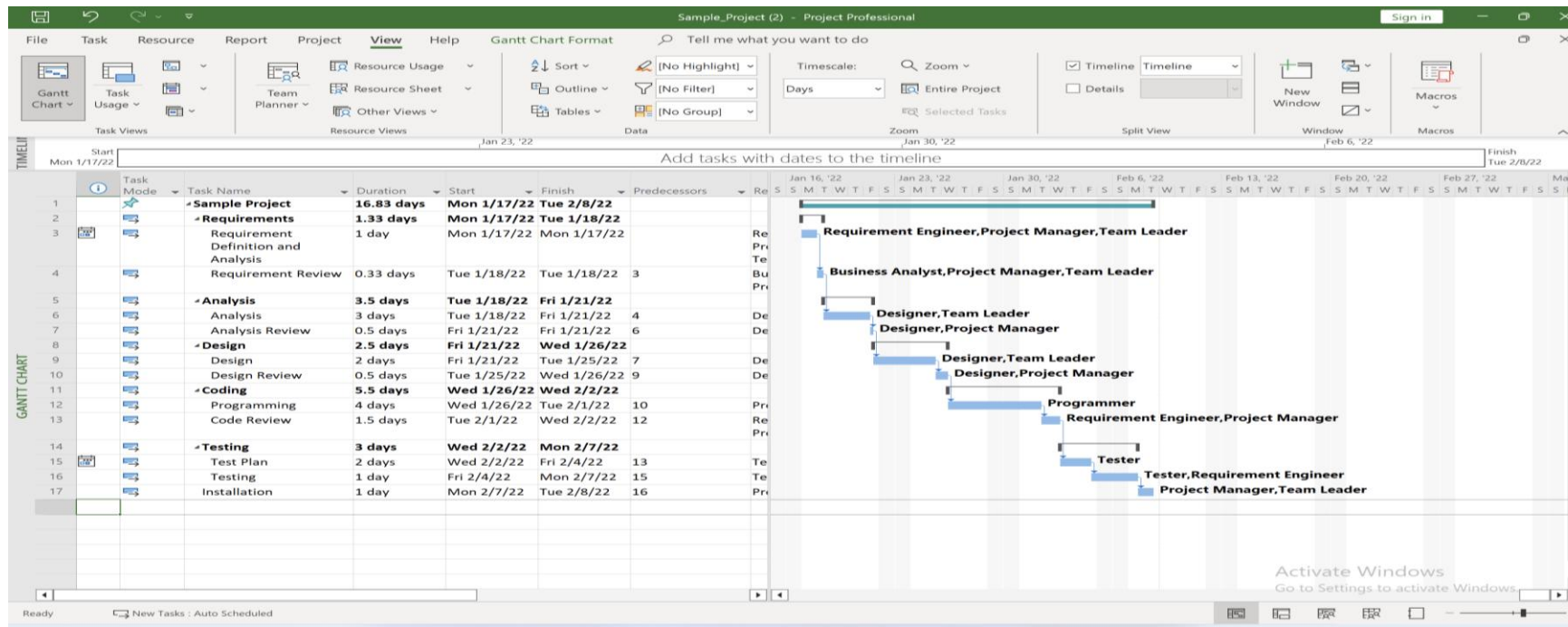
[illegible]

- Select Gantt Chart view from the view menu (default view).
- You'll have a spreadsheet where you can now enter information of all the activities i.e., task name, duration, start date, end date, predecessors and various other fields.



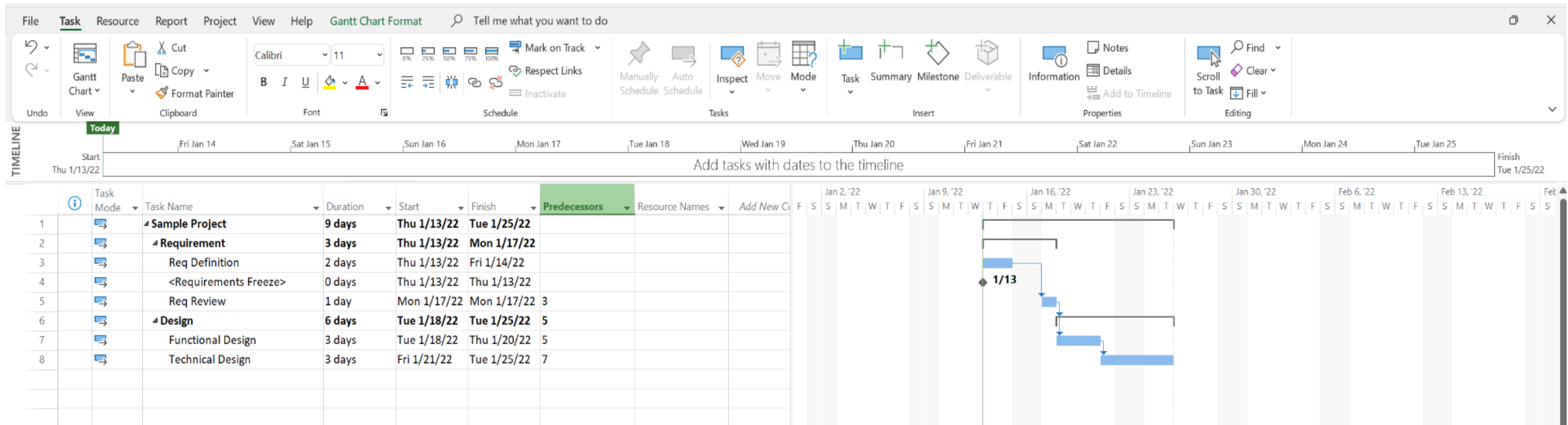
Gantt Chart

- If you want to specify the time dependence of a task, you may specify the predecessor of a task by clicking tab “*Predecessors*”.
- For predecessor activity you need to write the corresponding activity number.
- The software would calculate start and end date based on the fed information.



Entering Milestones

- To enter a milestone, enter the task name and set its duration to zero.
- The tool represents it as a diamond shape instead of a bar in the Gantt Chart.

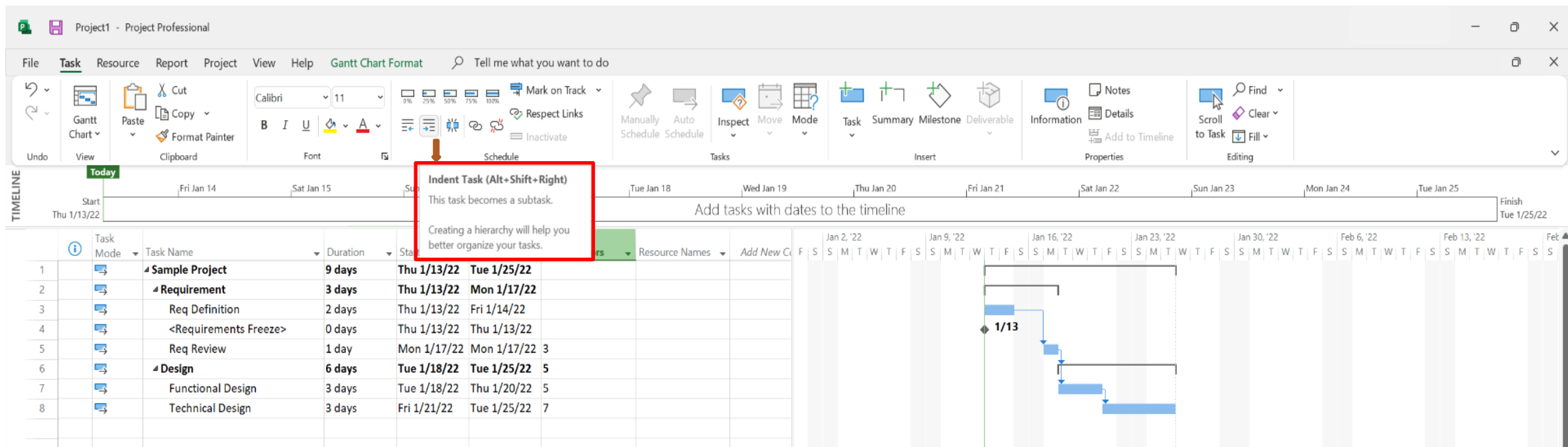


Organize Tasks into Phases

- Outlining helps organize your tasks into more manageable chunks
- You can indent related tasks under a more general task, creating a hierarchy
- The general tasks are called summary tasks; the indented tasks below the summary task are called subtasks
- A summary task's start and finish dates are determined by the start and finish dates of its earliest and latest subtasks

Organize task into phases

- Create a summary task as normal task first.
- Click “*Indent Task*” icon in the menu.
- Repeat previous step to input all subtasks.



Organize task into phases

- If you want to set some subtask as normal task, just place the cursor on the subtask, then click the icon labeled as “*Outdent Task*”. This subtask then will be outdent to a higher level

The screenshot shows the Microsoft Project Professional interface. The 'Gantt Chart Format' ribbon is active, and the 'Outdent Task (Alt+Shift+Left)' button is highlighted with a red box. A tooltip for this button is visible, stating: 'This task may become a summary task. Creating a hierarchy will help you better organize your tasks.'

The task list table below shows a hierarchy of tasks:

Task ID	Task Name	Duration	Start Date	Finish Date	Resources
1	Sample Project	9 days			
2	Requirement	3 days	Thu 1/13/22	Mon 1/17/22	
3	Req Definition	2 days	Thu 1/13/22	Fri 1/14/22	
4	<Requirements Freeze>	0 days	Thu 1/13/22	Thu 1/13/22	
5	Req Review	1 day	Mon 1/17/22	Mon 1/17/22	3
6	Design	6 days	Tue 1/18/22	Tue 1/25/22	5
7	Functional Design	3 days	Tue 1/18/22	Thu 1/20/22	5
8	Technical Design	3 days	Fri 1/21/22	Tue 1/25/22	7

The Gantt chart on the right shows the task bars and their dependencies. A task bar for 'Requirement' is highlighted with a diamond marker and the number '1/13'.

Creation of Links between Tasks

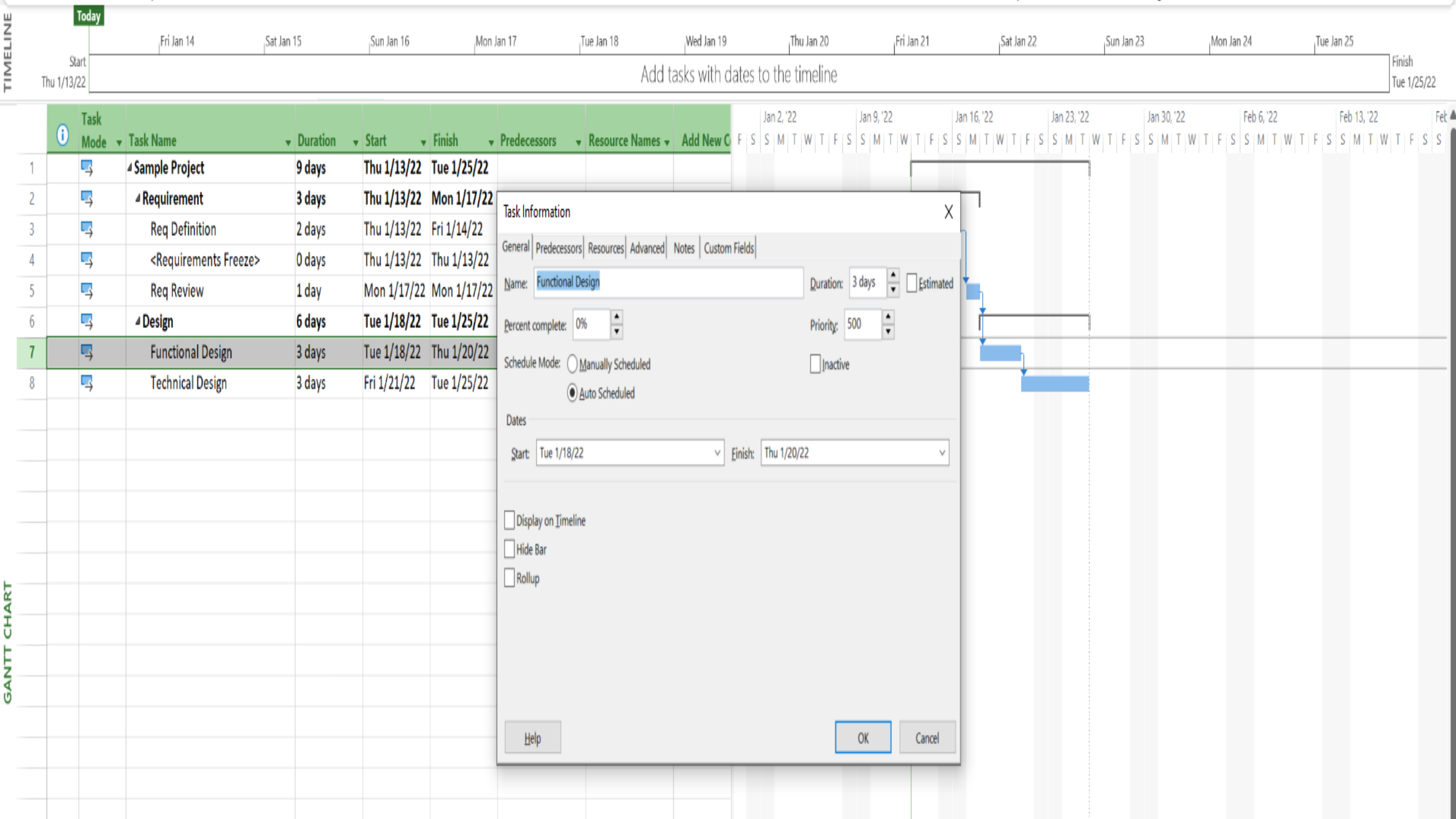
- Tasks are usually scheduled to start as soon as possible
- The duration of any task can be seen in the form of gray bars of varying length on the Gantt Chart in the timeline section
- A task that needs to be completed before are called predecessor task and the linked tasks are its successors
- By linking tasks, Project adjusts the schedule whenever there are changes that affect duration of other tasks
- Tasks can be linked in four ways:
start to start, start to finish, finish to start, finish to finish

Task Dependency

- Finish to start (FS)
 - A FS B = B doesn't start before A is finished
- Finish to finish (FF)
 - A FF B = B doesn't finish before A is finished
- Start to start (SS)
 - A SS B = B doesn't start before A starts
- Start to finish (SF)
 - A SF B = B doesn't finish before A starts

Creation of links between the tasks – Using Predecessors

- A network of tasks in a project must be connecting activities from the start to the end
- To establish these relationship, we need to use the field “Predecessors” of each task, where we can designate which activity will be preceding the one, we are updating
- In this example below, it is indicated that “**Requirement Review**” can start once “**Requirement Definition**” is completed (**Finish to Start** relationship)



Assigning Resources to Tasks

- Once you determine that you need to include resources into your project you will need to answer the following questions:
 - What kind of resources do you need?
 - How many of each resource do you need?
 - Where will you get these resources?
 - How do you determine what your project is going to cost?

Resource Types

- Resources are of two types: Work resources and material resources
 - Work** resources complete tasks by expending time on them; they are usually people and equipment that have been assigned to work on the project
 - Material** resources are supplies and stocks that are needed to complete a project
- When a set of resources is available for working, they are listed with details in the resource pool. After you determine the number of resources that you need, you need to establish the time and availability of each resource.
- For work resources, the amount of time that they can work for, be it in hours, days or months, or years and the amount (units of measurement) of material resources need to be specifically defined.

Assigning Resources to Tasks

- The next step is to assign these resources to their respective tasks
- When you allocate a resource's time to work on a task you are assigning resources
- Once this is done, Project can recalculate the schedule to accommodate the working times of the assigned resources
- It goes one step ahead and tells you when you have **over allocated** a resource, i.e., when you have assigned a resource to multiple tasks in the same time period or when a resource is assigned to do more work than it can complete in a certain time

Steps to Enter Resource Information in Project

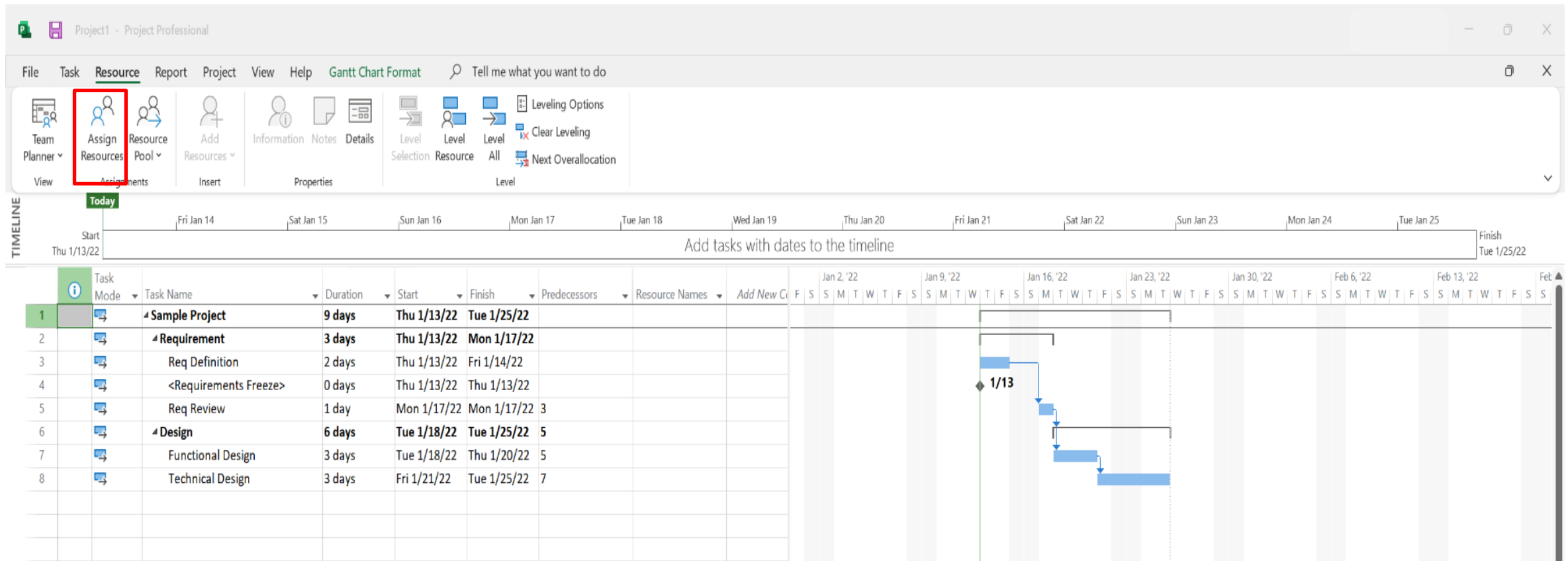
- On the View menu, click Resource Sheet
- In the Resource Name field, type a resource name
- You can enter different information like resource name, type of work, initials, std Rate, etc.
- Below is an example of some Human resources added to the Resource Sheet (We could also add other material resources)

The screenshot displays the Microsoft Project interface with the 'View' tab selected. The 'Resource Sheet' view is active, showing a table of resources. The table has columns for Resource Name, Type, Initials, Group, Max., Std. Rate, Ovt. Rate, Cost/Use, Accrue, Base Calendar, and Code. Four resources are listed: Project Manager, Requirements Engineer, Developer, and Test Engineer, all with a 'Material' type and 'Standard' base calendar.

	Resource Name	Type	Material	Initials	Group	Max.	Std. Rate	Ovt. Rate	Cost/Use	Accrue	Base Calendar	Code	Add New Column
1	Project Manager	Work		P		100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated	Standard		
2	Requirements Engineer	Work		R		100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated	Standard		
3	Developer	Work		D		100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated	Standard		
4	Test Engineer	Work		T		100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated	Standard		

Steps to Enter Resource Information in Project

- Once the resources are created, you can assign the resource to tasks
- Go back to task sheet, click the “Resource” menu tab, then click “Assign Resources”



- Then the “Assign resources” window will appear
- Click the resource in the window, and then click the task in the spreadsheet
- Then click “Assign” so that the resource is assigned to the task

The screenshot displays the Microsoft Project Professional interface. The 'Resource' tab is active in the ribbon, showing options like 'Team Planner', 'Assign Resources', 'Resource Pool', 'Add Resources', 'Information', 'Notes', 'Details', 'Level Selection', 'Level Resource', 'Level All', 'Leveling Options', 'Clear Leveling', and 'Next Overallocation'. The Gantt chart shows a project timeline from January 13, 2022, to February 1, 2022. The task list includes:

ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Add New C
1	Sample Project	9 days	Thu 1/13/22	Tue 1/25/22			
2	Requirement	3 days	Thu 1/13/22	Mon 1/17/22			
3	Req Definition	2 days	Thu 1/13/22	Fri 1/14/22			
4	<Requirements Freeze>	0 days	Thu 1/13/22	Thu 1/13/22			
5	Req Review	1 day	Mon 1/17/22	Mon 1/17/22	3		
6	Design	6 days	Tue 1/18/22	Tue 1/25/22	5		
7	Functional Design	3 days	Tue 1/18/22	Thu 1/20/22	5		
8	Technical Design	3 days	Fri 1/21/22	Tue 1/25/22	7		

The 'Assign Resources' dialog box is open, showing the 'Task: Req Definition' and 'Resource list options'. The resources listed are:

Resource Name	R/D	Units	Cost
Developer			
Project Manager			
Requirements Engineer			
Test Engineer			

The 'Assign' button is highlighted. The dialog box also includes buttons for 'Remove', 'Replace...', 'Graph', 'Close', and 'Help'. A note at the bottom states: 'Hold down Ctrl and click to select multiple resources'.

Critical Path

- The critical path is the series of tasks (or even a single task) that dictates the calculated finish date of the project, i.e., when the last task in the critical path is completed, the project is completed
- When you first create a task, its early start and early finish dates are the same as the scheduled start and finish dates
- As you link the task to predecessor and successor tasks and apply any date constraints, the early start and early finish dates are calculated as the earliest possible dates this task could start and finish if all predecessors and successors also start and finish on their respective early start and early finish dates

Critical Path

- For finding Critical Path, list all the activities and enter early start, late start, early finish and late finish information of all the activities
- You can do this by right click, select “*Insert Column*”, then select “*Early Start (ES)*”, “*Early Finish (EF)*”, “*Late Start (LS)*”, “*Late Finish (LF)*”, respectively
- Project automatically calculates the actual ES, EF, LS and LF info based on the starting/ ending dates you have provided

Team Planner

Assign Resources

Resource Pool

Add Resources

Information

Notes

Details

Level Selection

Level Resource

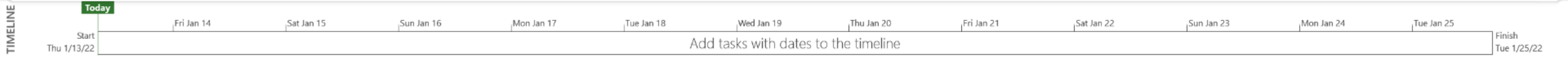
Level All

Leveling Options

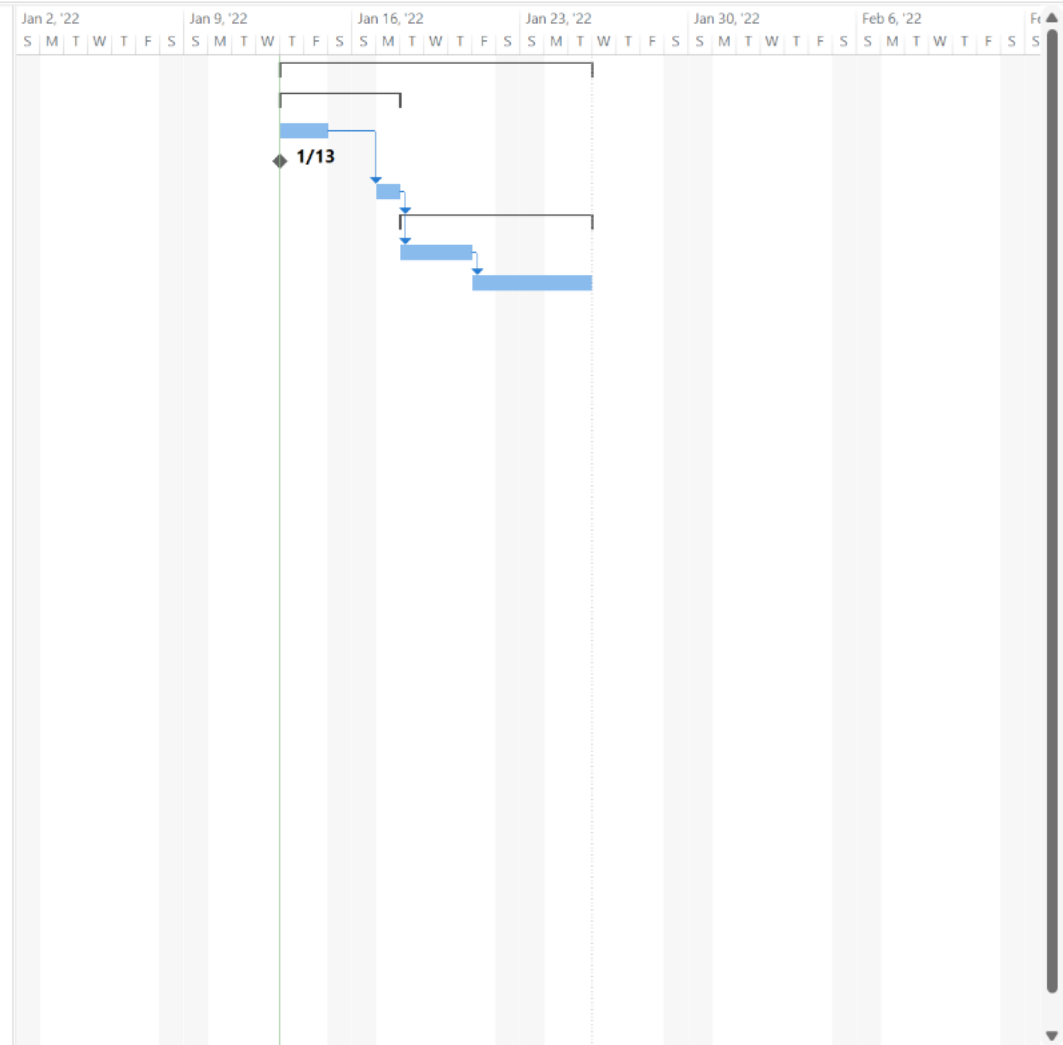
Clear Leveling

Next Overallocation

ViewAssignmentsInsertPropertiesLevel



	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	
1		Sample Project	9 days	Thu 1/13/22	Tue 1/25/22			Duration2
2		Requirement	3 days	Thu 1/13/22	Mon 1/17/22			Duration3
3		Req Definition	2 days	Thu 1/13/22	Fri 1/14/22			Duration4
4		<Requirements Freeze>	0 days	Thu 1/13/22	Thu 1/13/22			Duration5
5		Req Review	1 day	Mon 1/17/22	Mon 1/17/22	3		Duration6
6		Design	6 days	Tue 1/18/22	Tue 1/25/22	5		Duration7
7		Functional Design	3 days	Tue 1/18/22	Thu 1/20/22	5		Duration8
8		Technical Design	3 days	Fri 1/21/22	Tue 1/25/22	7		Duration9
								FAC
								Early Finish
								Early Start
								Earned Value Method
								Effort Driven
								Error Message
								Estimated
								External Task
								Finish
								Finish Slack
								Finish Variance
								Finish1
								Finish10
								Finish2
								Finish3
								Finish4
								Finish5
								Finish6
								Finish7
								Finish8
								Finish9
								Fixed Cost
								Fixed Cost Accrual
								Flag1
								Flag10
								Flag11
								Flag12
								Flag13
								Flag14
								Flag15
								Flag16
								Flag17
								Flag18
								Flag19



- The screen shot below shows the ES, EF, LS, LF dates included in the project

TIMELINE

Today

Fri Jan 14

Sat Jan 15

Sun Jan 16

Mon Jan 17

Tue Jan 18

Wed Jan 19

Thu Jan 20

Fri Jan 21

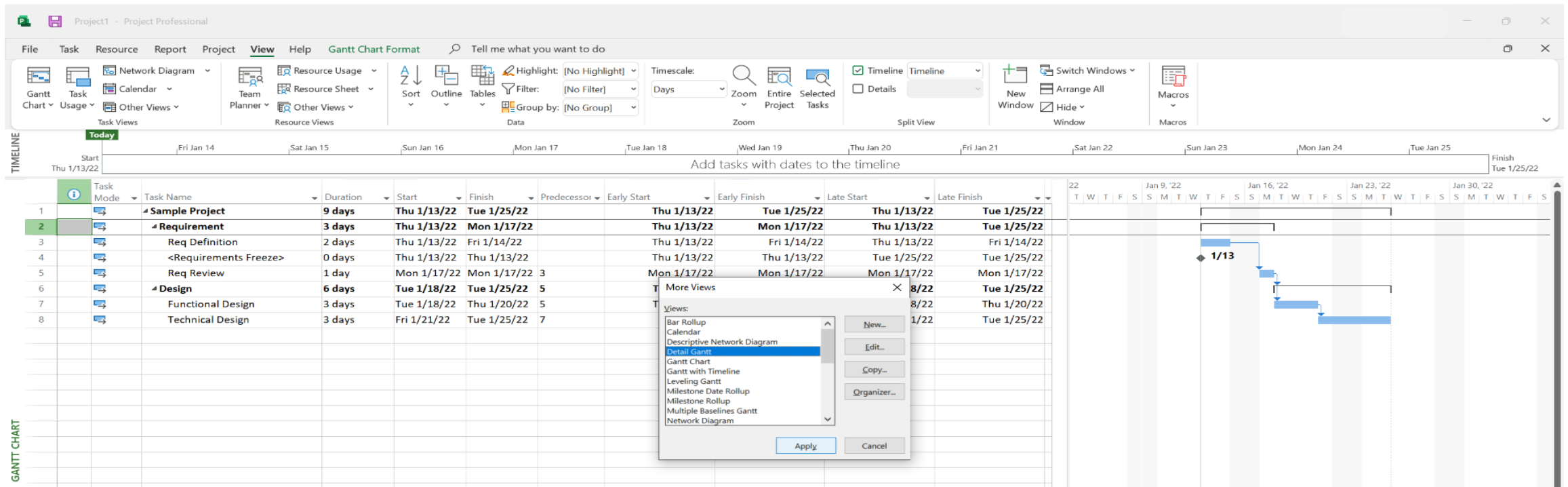
Start

Thu 1/13/22

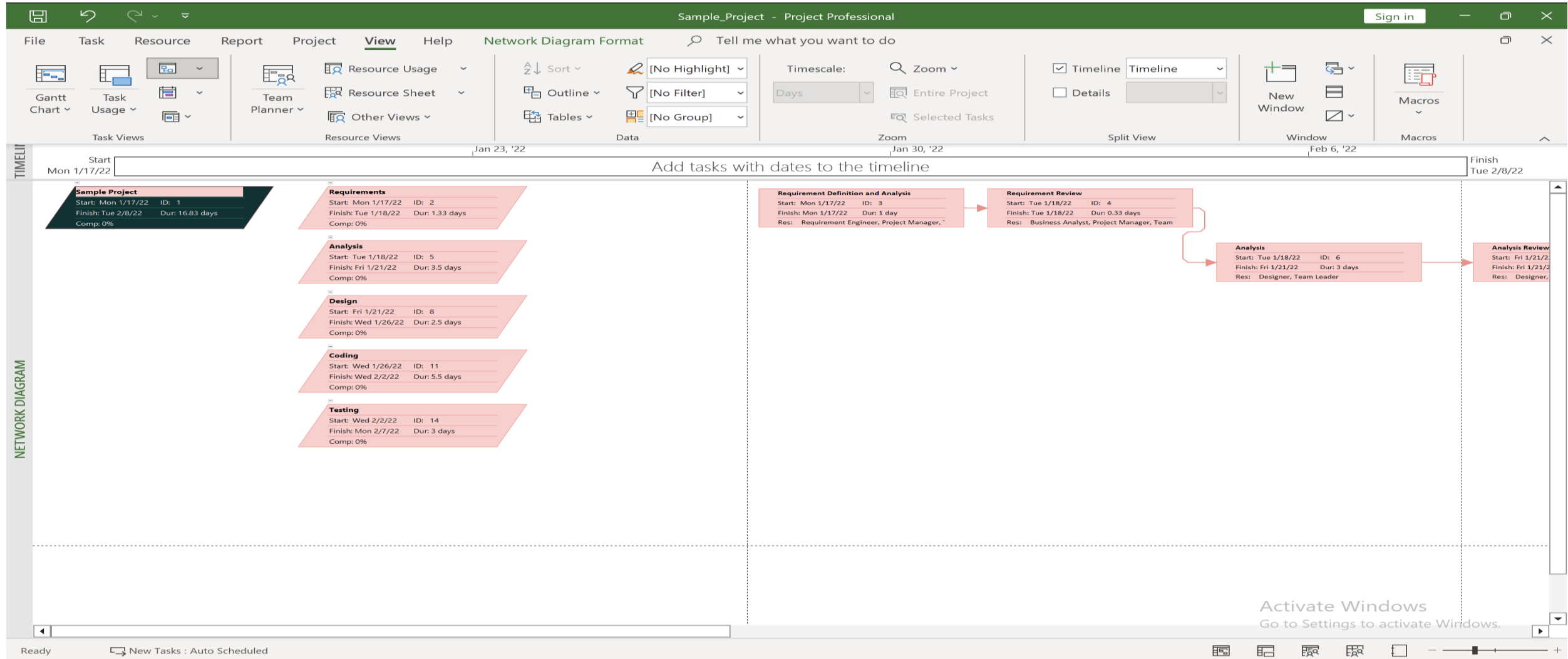
Add tasks with dates to the timeline

	<div><div>i</div></div>	Task Mode ▾	Task Name ▾	Duration ▾	Start ▾	Finish ▾	Predecessor ▾	Early Start ▾	Early Finish ▾	Late Start ▾	Late Finish ▾
1		<div><div>→</div></div>	▲ Sample Project	9 days	Thu 1/13/22	Tue 1/25/22		Thu 1/13/22	Tue 1/25/22	Thu 1/13/22	Tue 1/25/22
2		<div><div>→</div></div>	▲ Requirement	3 days	Thu 1/13/22	Mon 1/17/22		Thu 1/13/22	Mon 1/17/22	Thu 1/13/22	Tue 1/25/22
3		<div><div>→</div></div>	Req Definition	2 days	Thu 1/13/22	Fri 1/14/22		Thu 1/13/22	Fri 1/14/22	Thu 1/13/22	Fri 1/14/22
4		<div><div>→</div></div>	<Requirements Freeze>	0 days	Thu 1/13/22	Thu 1/13/22		Thu 1/13/22	Thu 1/13/22	Tue 1/25/22	Tue 1/25/22
5		<div><div>→</div></div>	Req Review	1 day	Mon 1/17/22	Mon 1/17/22	3	Mon 1/17/22	Mon 1/17/22	Mon 1/17/22	Mon 1/17/22
6		<div><div>→</div></div>	▲ Design	6 days	Tue 1/18/22	Tue 1/25/22	5	Tue 1/18/22	Tue 1/25/22	Tue 1/18/22	Tue 1/25/22
7		<div><div>→</div></div>	Functional Design	3 days	Tue 1/18/22	Thu 1/20/22	5	Tue 1/18/22	Thu 1/20/22	Tue 1/18/22	Thu 1/20/22
8		<div><div>→</div></div>	Technical Design	3 days	Fri 1/21/22	Tue 1/25/22	7	Fri 1/21/22	Tue 1/25/22	Fri 1/21/22	Tue 1/25/22

- Critical path can be seen in multiple ways
- We can show critical path using Gantt chart, Detailed chart, Network Diagram, etc.
- In Detailed Gantt click on Gantt Chart ➡ Detailed and it will show the critical path with slack time



- In Network Diagram click on Network Diagram



Baseline:

- A baseline is the set of original and finish dates, durations, work, and cost estimates that you save after you've completed and fine-tuned your project plan but before the project begins
- Typically, you set a baseline when your plan is complete, and you are ready to start tracking progress on it
- Baseline could be set from Project Menu Tab ➡ Set Baseline
- By comparing baseline and scheduled information, you can track task start and finish dates
 - From the View menu ➡ Tables ➡ click Variance
 - To view variance information graphically, use the Tracking Gantt view
 - From the View menu ➡ Other Views ➡ More Views ➡ click Tracking Gantt

Baseline

Project1 - Project Professional

FileTaskResourceReportProjectViewHelpGantt Chart FormatTell me what you want to do

Subproject

My Add-ins

InsertAdd-ins

Project Information

Custom Fields

Links Between Projects

WBS

Change Working Time

Properties

Calculate Project

Set Baseline

Move Project

Status Date: NA

Update Project

abc

Spelling

Set Baseline...

Clear Baseline

Set Baseline

Take a snapshot of your schedule that includes information about tasks, resources, and assignments.

Compare multiple baselines to see how your project has changed over time.

TIMELINE

Today

Start Thu 1/13/22

Fri Jan 14

Sat Jan 15

Sun Jan 16

Thu Jan 20

Fri Jan 21

Sat Jan 22

Sun Jan 23

Mon Jan 24

Tue Jan 25

Finish Tue 1/25/22

Task Mode	Task Name	Duration	Start	Finish	Predecessor	Late Start	Late Finish
1	Sample Project	9 days	Thu 1/13/22	Tue 1/25/22		Thu 1/13/22	Tue 1/25/22
2	Requirement	3 days	Thu 1/13/22	Mon 1/17/22		Thu 1/13/22	Tue 1/25/22
3	Req Definition	2 days	Thu 1/13/22	Fri 1/14/22		Thu 1/13/22	Fri 1/14/22
4	<Requirements Freeze>	0 days	Thu 1/13/22	Thu 1/13/22		Thu 1/13/22	Tue 1/25/22
5	Req Review	1 day	Mon 1/17/22	Mon 1/17/22	3	Mon 1/17/22	Mon 1/17/22
6	Design	6 days	Tue 1/18/22	Tue 1/25/22	5	Tue 1/18/22	Tue 1/25/22
7	Functional Design	3 days	Tue 1/18/22	Thu 1/20/22	5	Tue 1/18/22	Thu 1/20/22
8	Technical Design	3 days	Fri 1/21/22	Tue 1/25/22	7	Fri 1/21/22	Tue 1/25/22

22

Jan 9, '22

Jan 16, '22

Jan 23, '22

Jan 30, '22

T W T F S S M T W T F S S M T W T F S S M T W T F S

1/13