

Gantt Charts

October 24, 2024

Engineers for Exploration, UC San Diego

THE KEY TO LEADING
A PRODUCTIVE LIFE
IS TIME MANAGEMENT.



CHOOSE GOALS, BUILD A
SCHEDULE, AND HAVE THE
WILLPOWER TO FOLLOW IT—
OR BE LEFT BEHIND BY
THOSE OF US WHO DO.



• SCHEDULE •	
7:00 AM	WAKE UP
7:15 AM - 8:00 AM	POST ON PRODUCTIVITY BLOGS ABOUT MY SCHEDULE
8:00 AM - WHENEVER	FUCK AROUND

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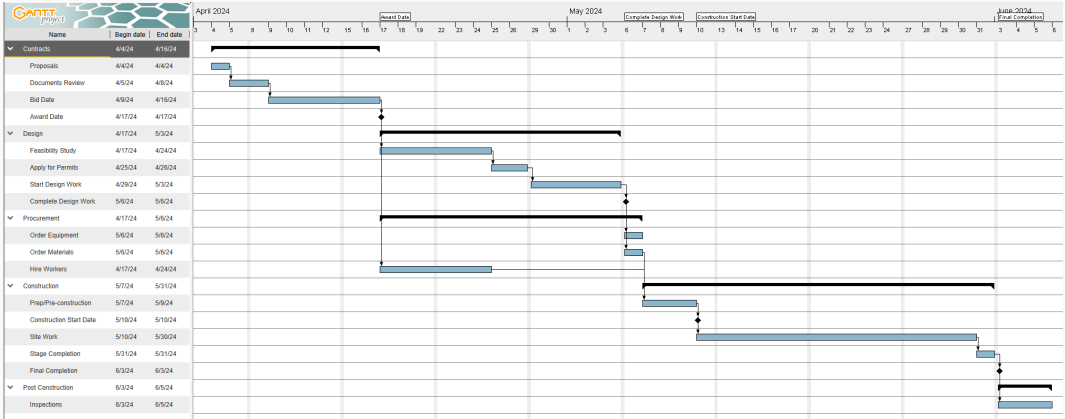
¹<https://xkcd.com/874>

How do we approach planning what needs to be done?

Project Planning Example

Goal: Build a 10 ft x 10 ft shed to house a dog.

Hint: We only have the dog right now...



What are the advantages of Gantt Charts?

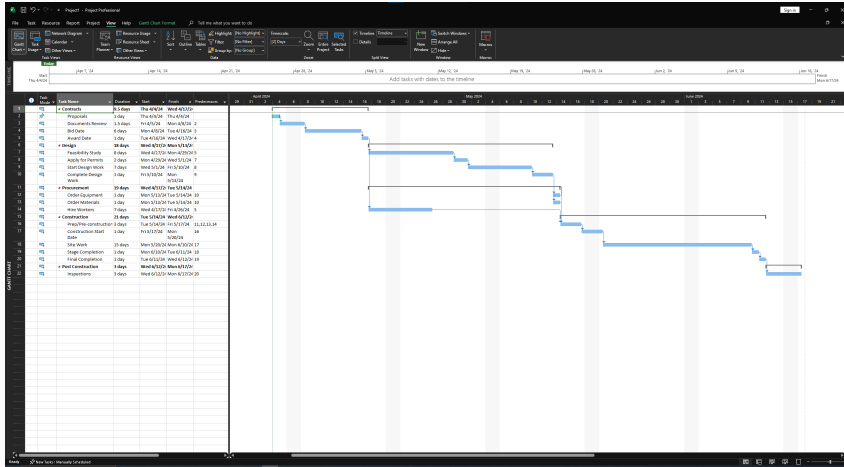
- Task Dependency
- Visualization of the Future
- Current Progression
- Availability of Slack
- Work Breakdown Calculations

How do we measure work?

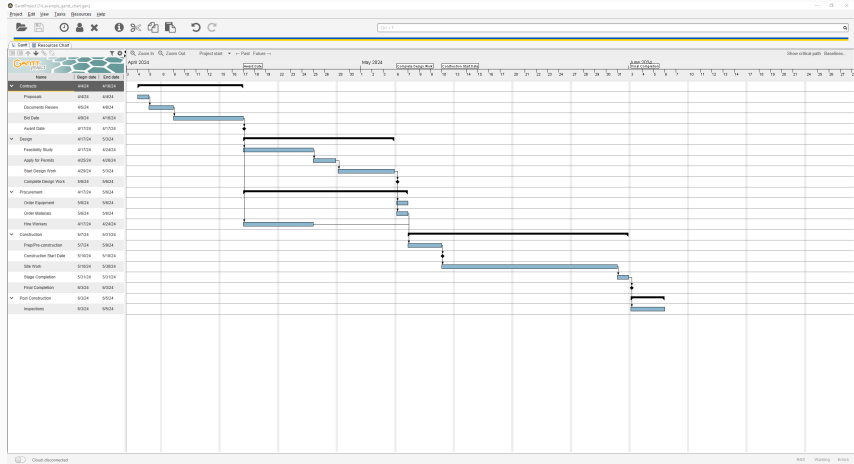
- Fixed Time
- Resource Scaled Time
- Percentage Scaled Time

- GanttProject: <https://www.ganttproject.biz/download/free>
- Microsoft Project: <https://www.microsoft.com/en-us/microsoft-365/project/project-management-software>
 - Or via <https://azureforeducation.microsoft.com/>

MS Project



GanttProject



GanttProject Demo

Project Planning Exercise

Goal: Build the FTC 2023-2024 blue pusher robot to compete in 4 months

<https://youtu.be/6e-5Uo1dRic?si=9ZBn0wG9Bq8o19ql>