HUDK 5053: FEATUREENEERING

10/10/18 2:06 PM

Memoranda of Understanding

- Less formal than a contract (legally binding)
- Non-combative terms
- More formal than a handshake
- Mutually beneficial framework
- MOUs are beneficial not because they are enforceable, but because of the time/effort that both parties have to put into it

Memoranda of Understanding

- Brainstorm common objectives, what do you want? What do you offer?
- Deliverables
- Communication (Contact details, timing)
- Dates and expectations for performance reviews
- Dispute resolution
- When agreement begins/ends
- "This memorandum is not intended to and does not create any contractual rights between these parties."

Exercise

Write down a **verb**, any **noun**, a **person** and a **place**

Exercise

Your team must **verb** a **noun** in **place** for **person**

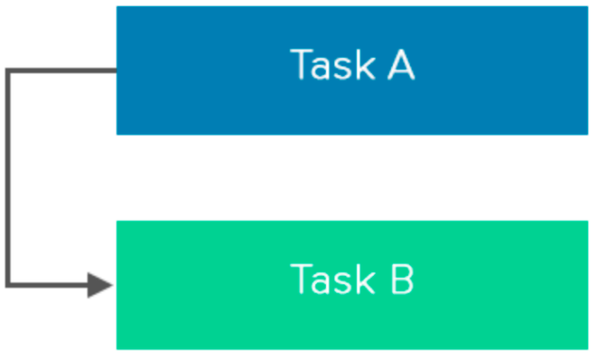
Exercise

What are the components of this goal?

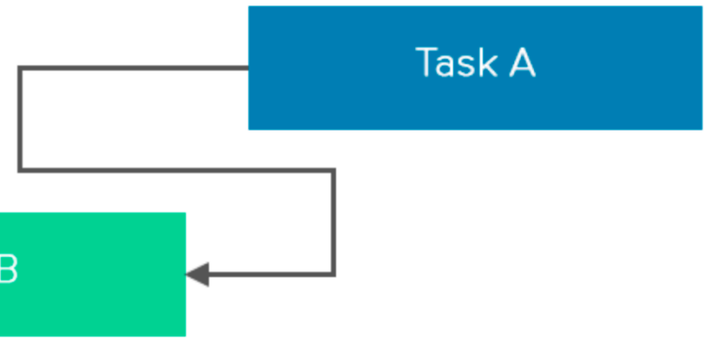
What tasks are involved?

Exercise

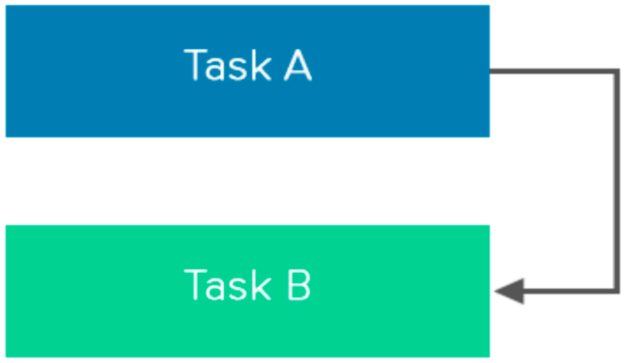
What are the dependencies between these tasks?



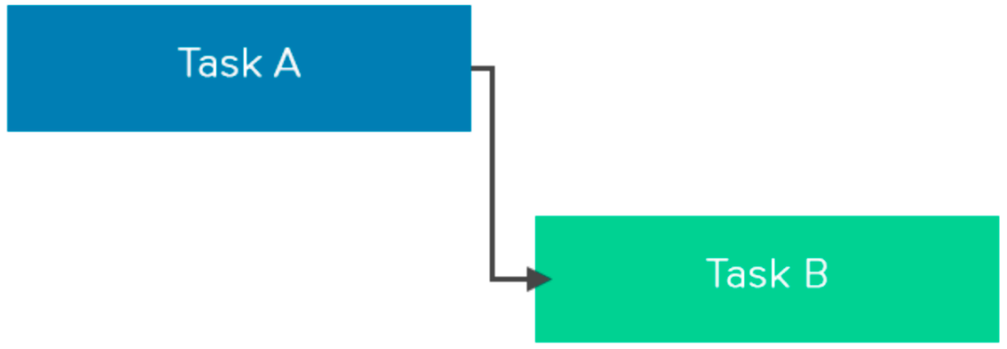
Start-to-Start



Start-to-Finish



Finish-to-Finish



Finish-to-Start

Exercise

Assign an amount of time to each task

Map to dates

Assign tasks to people

Exercise

Generate a flow chart of the components

Identify possible bottlenecks

Exercise

Assign tasks to your team members

Who is responsible for the most bottlenecks?

Gantt Charts

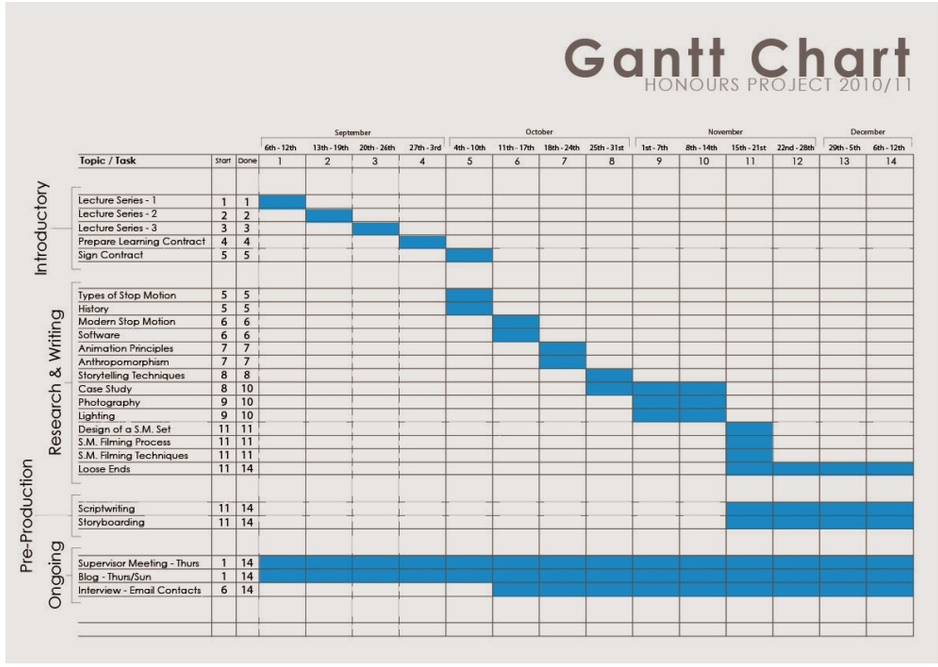
Activity/Day	1	2	3	4	5	6	7	8	9	10	11	12	13
Cut fur	■	■											
Stuff and sew fur			■	■	■	■	■	■					
Cut material	■	■											
Sew clothes			■	■									
Embroider T-shirt					■	■							
Cut accessories	■												
Sew accessories		■	■										
Dress bears									■	■	■		
Package bears												■	
Ship bears													■

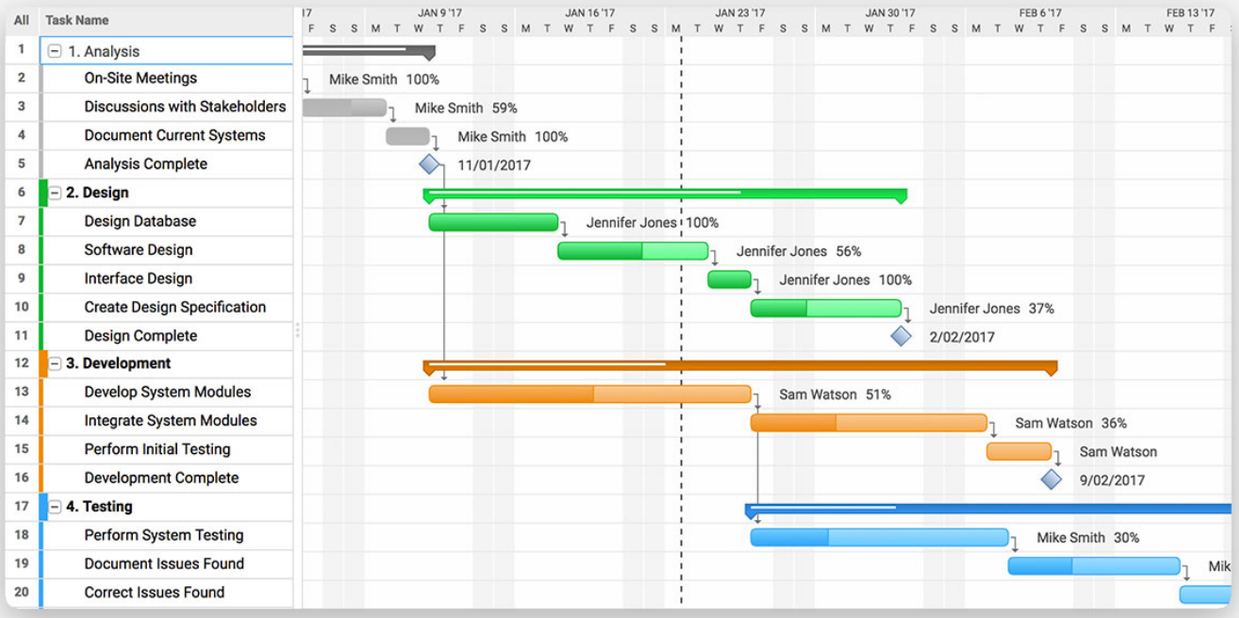
Lot size: 100 bears

All activities are scheduled to begin at their earliest start time.

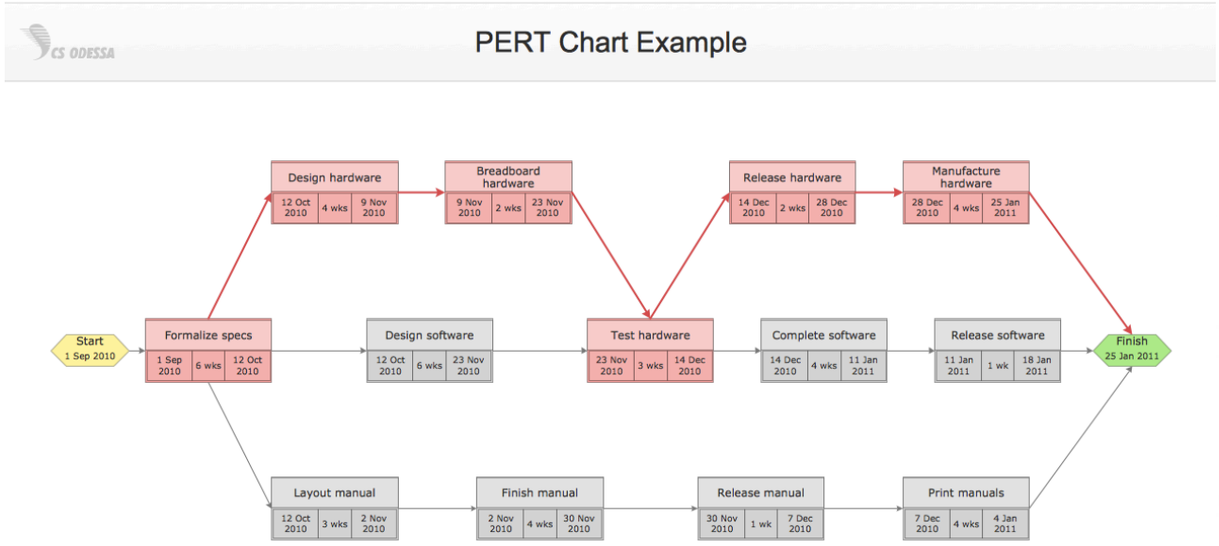
■ Completed work

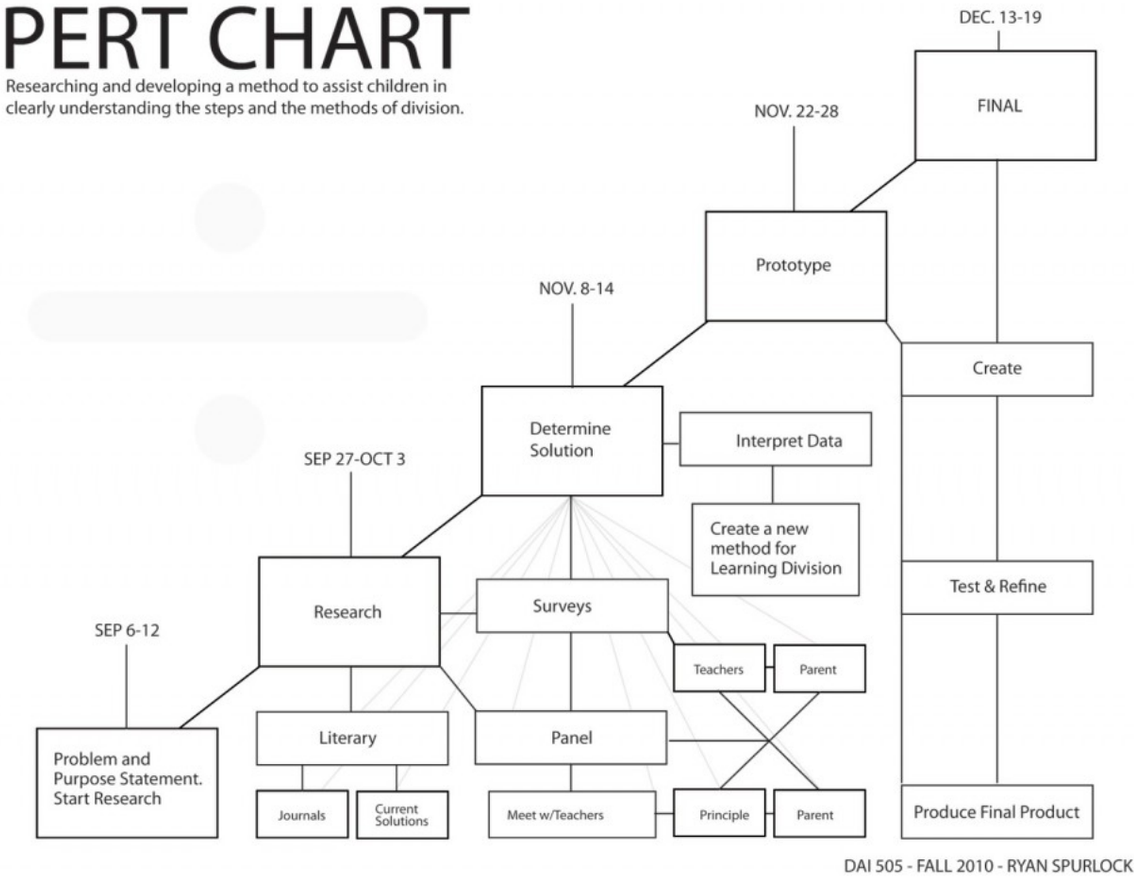
■ Work to be completed





Gantt Charts





Gantt Charts in R

1. Install and load `“timevis”` in R
2. Create a dataframe with the following format:

```
D1 <- data.frame(
  id      = 1:4,
  content = c("Task one”, "Task two”, “Task three”, “Task four”),
  start   = c("2018-01-10", "2018-01-11", "2018-01-20",
"2018-02-14 15:00:00"),
  end     = c(NA, "2018-03-04", "2018-02-04", NA)
)
```

Render Gantt Chart:

```
timevis(D1, fit = TRUE)
```

ClickUp

https://clickup.com/

https://www.youtube.com/watch?v=TsRBftzZsQo