

# GANTT CHART

DR. FATIMA ZULFIQAR

KHYBER GIRLS MEDICAL COLLEGE

3<sup>RD</sup> YEAR MBBS

On my way to the fair, I met 7 jugglers and a bear coming the other way. Every juggler had 6 cats. Every cat had 5 rats. Every rat had 4 houses. Every house had 3 mice. Every mouse had 2 louses. Every louse had a spouse.

How many in all were going to the fair?



# OBJECTIVES

- DEFINE GANTT CHART
- PURPOSE OF GANTT CHART
- BENEFITS OF GANTT CHART
- VIDEO ON HOW TO MAKE A GANTT CHART

# A GANTT CHART

- A visual representation that provides an instant overview of the status of a project.
- Outlines all activities involved in a project against a timescale
- Simply lists what needs to be done and when
- Great ways to manage project schedule simply and easily



## WHEN THEY ARE USED??



Identifying and planning activities and their expected durations.

Monitoring and tracking the progress.

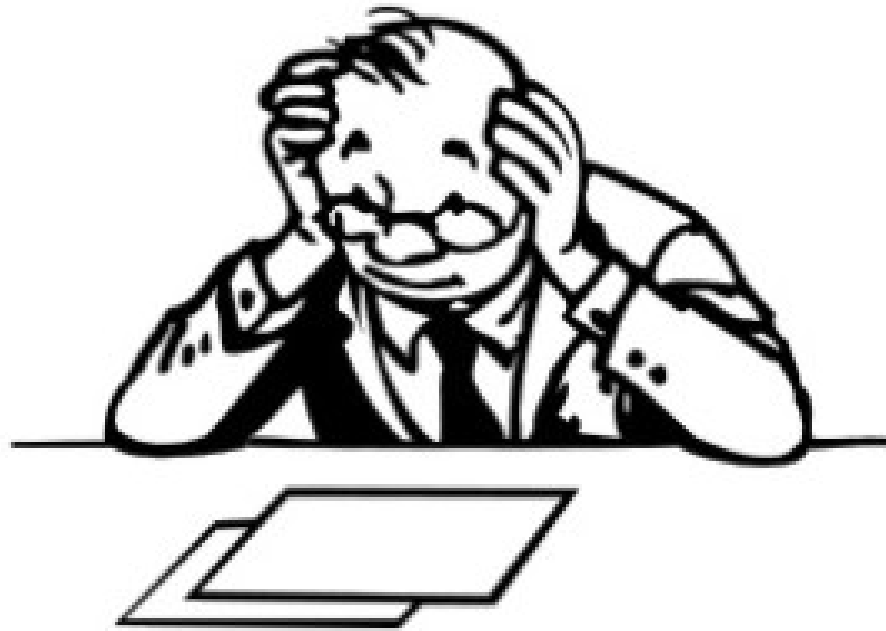
Identifying issues that can delay the project.

Serving as communication tools by:

Showing the team the progress they are making

Keeping management updated on project progress.

- ❑ A Gantt chart can also be used to plan your personal projects and track your own targets.



## **Benefits:**

- ❑ A simple way to schedule your activities.
- ❑ Allow to see how your project is performing at a glance.
- ❑ Allow to focus efforts and reacting quickly to unexpected situations.
- ❑ Allow you to communicate progress and issues as they arise.
- ❑ Help determining the needed resources.



❑ A Gantt chart is a type of bar chart that shows the start and end dates of the your activities.

❑ **You can see in a Gantt chart:**

- The activities (**What?**).
- The duration of activities (**When?**).
- The responsible person or team for completing each of them (**Who?**).
- The order in which they will be accomplished.

Gantt Chart		
What	When	Who



□ **A detailed Gantt chart can answer the following questions:**

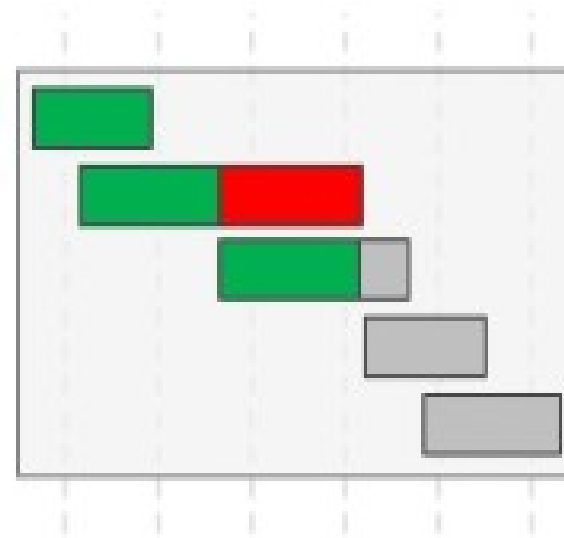
- What are the activities that must be accomplished?
- In what order?
- How long should they take?
- Which activities are on time and which are no?
- Who should do them?
- What are the needed resources?
- What are the key stages and milestones?
- What are the relationships between the various activities (sequential or simultaneous)?
- What is the percentage of completion?



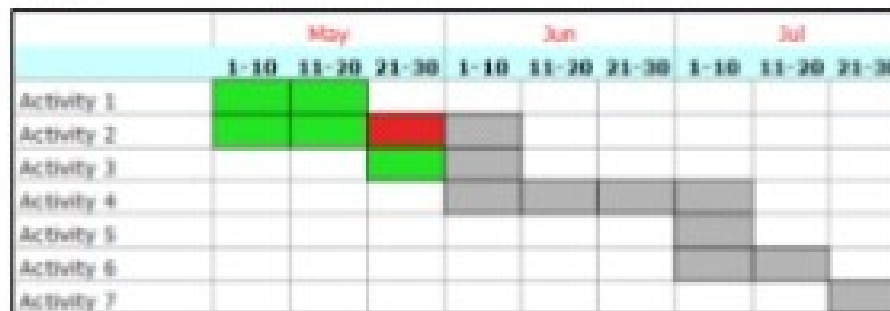
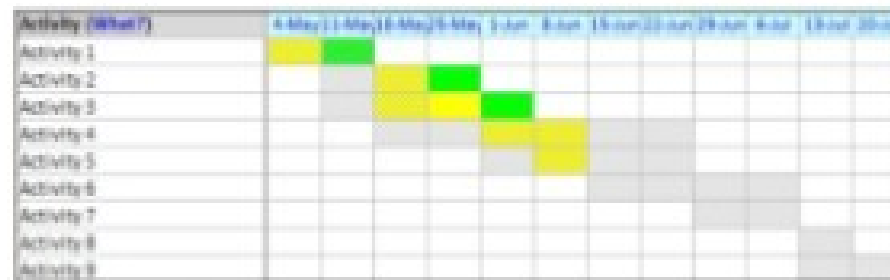
□ A Gantt chart is created by drawing horizontal bars to represent time duration of activities.

□ **By looking at the chart, you can see:**

- The sequence of the activities.
- How long each activity takes.
- Compare the planned and actual duration of the activities.

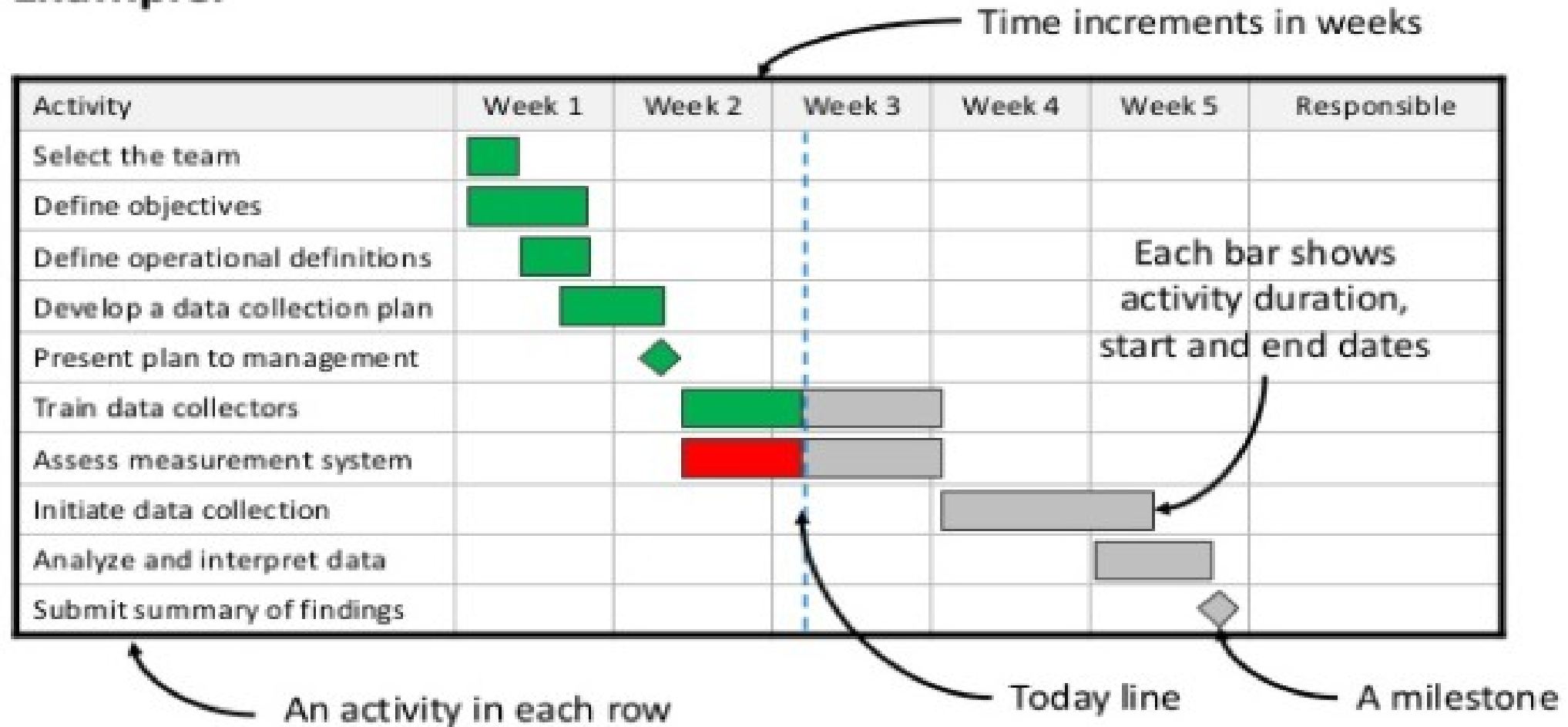


- ❑ Can be drawn by hand.
- ❑ Can be implemented using spreadsheet applications.
- ❑ If you need more elaborated features, you might want to go for a project management software.



- Planned Activity
- Activity Commenced
- Activity Completed
- No progress

## Example:



## Approach:

- ❑ Identify the major categories and all the required work to be completed (use WBS).
- ❑ Record all activities by sequence of completion.
- ❑ Estimates the start date and the time required for each activity.
- ❑ Draw horizontal bars to represent the activities and their durations.
- ❑ Assign responsibilities.
- ❑ Identify milestones and recourses.
- ❑ As the project progresses, update the chart to reflect changes as soon as they occur.



# Gantt Chart

	<i>June 2013 - January 2014</i>	<i>February 2014</i>	<i>March 2014 - June 2014</i>	<i>June 2015 - November 2015</i>	<i>September 2015 - November 2015</i>	<i>December 2015 - March 2016</i>	<i>April 2016</i>	<i>May 2016</i>
Preparation of thesis proposal								
Presentation of thesis proposal								
Preparation & Submission of thesis application to ethics committee								
Data collection								
Data analysis								
Report writing								
Submission of thesis								
Presentation of thesis								

[HTTPS://WWW.YOUTUBE.COM/WATCH?V=WP0VR6OKW8Y](https://www.youtube.com/watch?v=WP0VR6OKW8Y)





**THANK YOU  
FOR  
YOUR  
ATTENTION!  
ANY QUESTIONS?**