

Module 4.

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* Planning Projects:-

- Project planning is most of imp. part of the project life cycle. It tells what is to be achieved & how.
 - Basic project planning can be divided into two phases of project mgmt: Initiation & planning. so,
- * Project planning is a discipline addressing how to complete a project in a certain timeframe, usually with defined stages & designated resources.

* Resource Allocation:-

- It is the process of assigning & scheduling available resources in the most effective & economical way possible.
- Projects will always need resources but they can be limited. It is the task of project manager to determine the proper timing & allocation of those resources within the project schedule.

Basic Resources are:-

- 1) People:- Key to successful completion of any project.
- 2) Time:- Total amount of time required to bring your project over the finish line.
- 3) Tools & Capital:- Essential to create carry out any work.

* Benefits of Resource Allocation:-

- it improved visibility of all resource across the company.
- we can avoid under & over utilization of resources easily.
- helps to keep bookings more accurate.
- it is easier to negotiate ^{of resources} bookings with other PMs.

* Resource Optimization:-

- It is a set of techniques used to maximize the efficient use of available resources while ensuring project goals are met.
- It's aim is to:
 - balance resource availability
 - cost &
 - project timeline to avoid overallocatⁿ, underutilization or scheduling conflicts.

* ~~Network~~ ~~Crashing~~

