

ASSIGNMENT

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Question #01

What is project life-cycle Explain briefly with diagram?

Project Life-Cycle:-

A standard project typically has the following four major phases: Initial planning, Implementation and ~~end~~ closure. Taken together these phases represent the path a project takes from the beginning to its end and are generally referred to the Project Life cycle.

→ Following are the phases of Project Life cycle.

- ① Initiation
- ② planning
- ③ Execution.
- ④ closure

Initiation :-

→ Firstly, you need to identify business need problems or opportunity and brainstorm ways that your team can meet this need. Solve, you figure out an objective for your project is determine wheater the project is feasible and identify the major deliverable for the project

Step Of For Initiation:-

- under taking a feasibility study
- Identifying scope
- Identifying deliverable
- Identifying project stakeholder
- Developing a business case
- Developing a statement of work

Planning:-

Once the project is approved to move forward based on year business case statement of work or project initiation document, you move into the planning phase.

During this phase of the project management life cycle, you break down the large project into smaller tasks build your team and prepares a schedule for the completion assignment. Treat smaller goal within the large project making sure read is achievable within the time frame. Smaller goal should have a high potential for success.

Step for project planning:-

- * Creating a project plan
- * Creating workflow diagram

④

- * Estimating budget and creating a financial plan.
- * Identifying Risks
- * Anticipating Risk & Potential quality road-blocks
- * Holding a project kickoff meeting.

Execution :-

You have received business approval developed a plan and built your team - Now its time to get to work the execution phase turns your plan into action the project manager life cycle is to keep work on track organize team members manage time line and make sure the work plan.

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Step for the Execution:-

Creating tasks and organizing workflow

Briefing team member on task

Communicating with team member

Monitoring quality of work

Managing budget

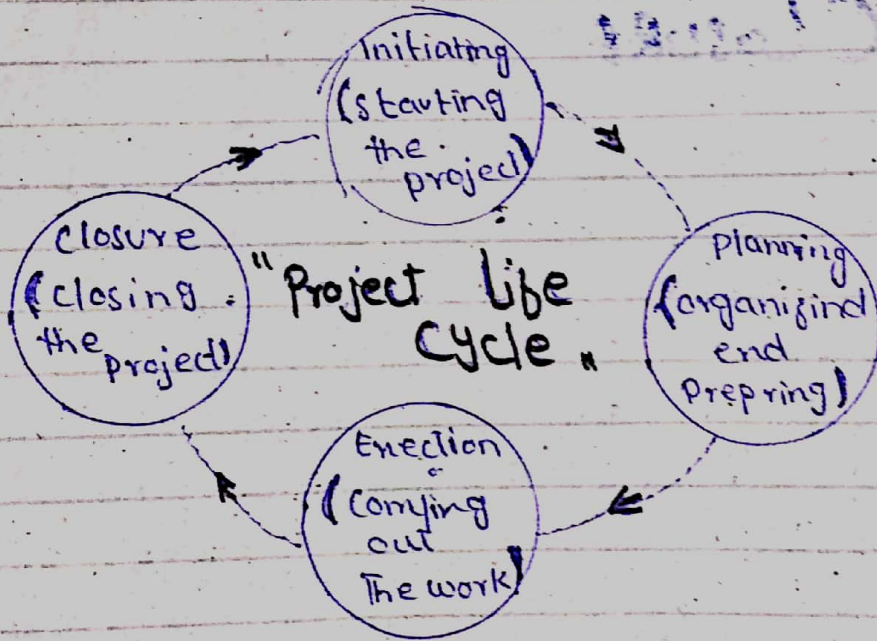
CLOSURE

Once your team has completed work on a project you enter the closure phase. In the closure phase project final deliverable release project results, and determine the sum of project. Just project manager to be us done. There are

still - important things to do including evaluating what did and did not work with the project

Step for Closure

- * Analyzing Project performance
- ▷ Analyzing team performance
- ▷ Documenting project closure
- ▷ Conducting Post-Implementation Review
- ▷ Allocating for used and unused budget



Question # 02: Define & Explain Major Types of Construction Project?

Define & Explain Major Types of Construction Project?

CONSTRUCTION Project:-

→ A Construction project some times just referred to as in project is the organized power constructing, renovating, refurbishing etc building, structure or Infrastructures.

→ Following are the four major types of constructing project

- ① Residential Building.
- ② Institutional & Commercial Building
- ③ Specialized Industrial Construction
- ④ Infrastructure and Heavy construction.

Residential Building

→ The first type of construction is residential housing construction which involves building, repairing and remodeling of structures for the purpose of housing people. Supplies or equipment. It includes apartment townhouses, corridors nursing homes dormitories etc also garages and out building like utility sheds are considered as residential construction. As mentioned above residential construction also involves repairing and installation of utilities like water and electricity around the structure.

→ The design of residential housing project is usually done by engineers and architects and by construction companies who hire sub contractor.

Institutional & Commercial

Buildings:-

This types of construction encompasses projects schools, sports arenas, shopping center, hospital stadium, retail stores and skyscrapers construction. Institutional and housing construction.

Commercial building involves both putting up new structure and repair and maintenance of existing structure. Typically a project like store is usually commissioned by a company or a private owner. Other project such as stadium schools are after paid for and managed by both the local and national government.

Specialized Industrial Construction

The third type of construction is specialized industrial construction which entails building structure that requires a high level of specialized as well as technical skill in planning construction and design. Typically, this place of construction comes out for project or industrial corporation for building structure chemical industry can build up oil refinery and plant which and power generation nuclear power plant and hydro electric power plant which are ~~example~~ examples of specialized industrial construction.

Infrastructure And Heavy Construction

The last type of Construction is Infrastructure and heavy Building which encompasses Building and upgrading of railways - Communication and road railways to the surroundings of a city or existing building. Construction this type of Construction usually done due the public interest and is often executed by government agencies and large private corporations.

Some other project that fall under this types of Construction include tunnels, bridges, highway, transit system, drainage system and pipelines.