

Assignment

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Section

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Submitted to

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Subject

Construction management

Q#1

There are 4 project life cycle

- 1-Initiation.
- 2-Planning.
- 3-Execution.
- 4-Closure.

* Initiation:

First you need to identify a business need, problem or opportunity and brainstorm ways that your team can meet this need, solve this problem, seize this opportunity. During this step, you figure out and objective for your project, determine whether the project is feasible, and identify the major deliverables for the project.

→ project managers must be able to sell business leaders on the intrinsic value they offer to the business, at the strategic planning instead of after the fact decision-making. project managers effectiveness is drastically muted when offering a "fix-it or "workaround" once high-level directional business decision are made with out their expertise!

→ Step for the project initiation phase may include the following.

- undertaking a feasibility study:-
Identify the primary problem your project will solve and whether your project will deliver a solution to that problem.

- Identify Scope: Define the depth and breadth of the project.
- Identifying ~~scope~~ deliverable: Define the product and service to product.
- Identifying project stakeholder: figure out whom the project effect and what their need may be.
- develop a business case: use the above criteria to compare potential costs and benefits for the project to determine if its moves forward.

2- planning

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

→ During this phase of the project management life cycle, you break down the large project into smaller tasks, build your team, and prepare a schedule for the completion of assignment. Create the smaller goals with in the larger project making sure each is achievable with in the time frame. Smaller goal should have high potential for success.

Step for the project planning phase may include the following.

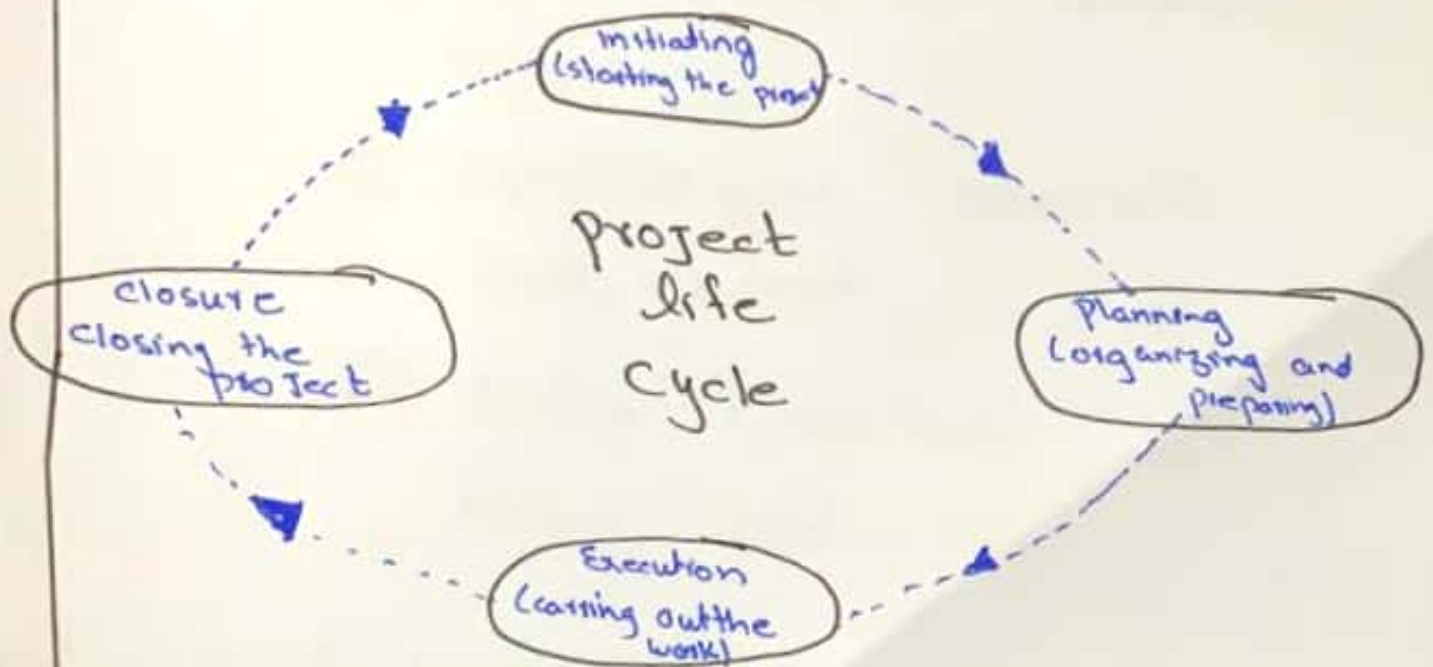
- * Creating task and organizing work flows: Assign granular aspect of the project to the appropriate team members, making sure team members are not over worked.
- * Briefing team members on tasks: Explain task to the team member, provide necessary guidance on how they should be completed, and organizing process-related training if necessary.
- * Communicating with team members, client & upper management: Provide updates to project stakeholders at all level.
- * Managing budget: Monitor spending and keep the project on track in terms of assets and resources.

4- closure.

Once your project has completed work on project, you enter the closure phase. In the closure phase, you provide final deliverables, release project resources and determine the success of the project. Just because the major project work is over - there are still important things to do including evaluating what did and did not work with project.

- * Step for the project closure phase may include the following.

- Analyzing project performance!: Determine whether the project's goals were met (task completed on time and on budget) and initial problem solved using a prepared checklist.
- Analyzing team performance!: Evaluate how team members performed, include whether they met their goals along with time line and quality of work.
- Documenting project closure!: Make sure that all of the aspect of the project are completed with no loose end remaining & provide report to key stake holders
- Accounting for used and unused!: Allocate remaining resources for future project.



Question #2

Define & Explain major type of construction project.

→ Construction project:

→ A construction project some time - just referred to as a project is the organized process of constructing, refurbishing etc building, structures, or infra structure.

→ following are the four major type of construction project.

- ① Residential building.
- ② Institutional & Commercial building.
- ③ Specialized industrial construction.
- ④ Infra structure and heavy construction.

Residential building:

In first ~~step~~ type of is Residential housing construction which involves building.

Repairing & Remodelling of structure for the purpose of housing people, supplies or equipment, it involves apartment ~~two~~ town house. nursing homes. etc also garages and out building like utilities sheds are considered as residential construction.

→ The design of residential housing project is usually done by engineer & architects and construction by it self & executed by construction companies who hire sub contractor.

→ INSTITUTIONAL & COMMERCIAL BUILDING::

This type of construction encompasses of school, ~~sp~~ shopping centre, hospital. Institutional & commercial building include both putting up new structure and repairing & maintenance of existing structures typically a project like store is usually commissioned company or a private owner.

Other project such as ~~Secoo~~ School Stadium, are often paid off for and managed by both local and national government

Specialized industrial construction.

The type of construction is specialized industrial construction while entral building structure that required high level of specialized as well as technical skill in planning construction and designing.

Typically this place of construction carried out - profit or industrial coporation for structure building. chemical industry can build up oil refineries. and power generation. nuclear power plant and hydro electric power plant which are the example of specialized industrial construction.

→ Infrastructure and heavy construction.

The last type of construction is infrastructure and heavy construction. which in composes of building and up grading railway. to the surrounding of city of existing building construction. this type of construction usually done due to the public intrest and is often executed by government agencies.

Some other project that fall under this type of construction include tunnel, bridge, highway system, drainage system, drainage system and pipe line.