Software Project Planning Process

Purpose

The purpose of Software Project Planning is to establish reasonable plans for performing the software engineering and for managing the software project.Software Project Planning involves developing estimates for the work to be performed, establishing the necessary commitments, and defining the plan to perform the work.The software planning begins with a statement of the work to be performed and other constraints and goals that define and bound the software project

The software planning process includes steps to estimate the size of the software work products and the resources needed, produce a schedule, identify and assess software risks, and negotiate commitments. Iterating through these steps may be necessary to establish the plan for the software project (i.e., the software development plan).

This plan provides the basis for performing and managing the software project's activities and addresses the commitments to the software project’s customeraccording to the resources, constraints, and capabilities of the software project.

Goals

The following goals are achieved by the Software Project Planning Process:

1.Software estimates are documented for use in planning and tracking the software project.

2.Software project activities and commitments are planned and documented.

3.Affected groups and individuals agree to their commitments related to the software project.

 **OR**

**Project Purpose**

Software project is carried out to accomplish a specific purpose, which is classified into two categories, namely, project objectives and business objectives. The commonly followed project objectives are listed below.

* **Meet user requirements:** Develop the project according to the user requirements after understanding them.
* **Meet schedule deadlines:** Complete the project milestones as described in the project plan on time in order to complete the project according to the schedule.
* **Be within budget:** Manage the overall project cost so that the project is within the allocated budget.
* **Produce quality deliverables:** Ensure that quality is considered for accuracy and overall performance of the project