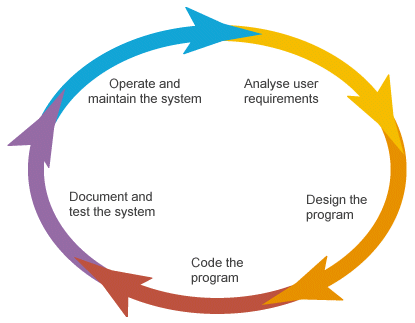
**QUEST TRACKER**

1. **SOFTWARE DEVELOPMENT LIFE CYCLE (SDLC)**

The Software Development Life Cycle is a process that ensures good software is built.  Each phase in the life cycle has its own process and deliverables that feed into the next phase.  There are typically 5 phases starting with the analysis and requirements gathering and ending with the implementation.  Let’s look in greater detail at each phase:

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**Stage 1: Scheduling and Requisite Analysis**

During the discovery phase our team conducts a detailed requirement analysis and creates a work-breakdown structure.

## Stage 2: Scheming the product design

## We identify the design and architecture of the project. SRS is the reference for product architects to come out with the best architecture for the product to be developed.

## Stage 3: Structure or Mounting the Product

## In this stage of SDLC the actual development starts and the product is built. Different high level programming languages such as C, C++, Pascal, Java, C# and PHP are used for coding.

## Stage 4: Testing the Product

Testing is the last phase of the Software Development Life Cycle before the software is delivered to customers. During testing, experienced testers start to test the system against the requirements.

**Stage 5: Consumption in the Market and Safeguarding**

Once the product has been fully tested and no high priority issuesremain in the software, it is time to deploy to production where customers can use the system.

**2. ABOUT PROJECT:**

**Abstract:**

In QUEST TRACKER, we schedule our task based on the hierarchy criteria and assign the task to the respective persons in the organization. The head of the organization will be the authorized person and has the authority to assign task to the MANAGER and allots the task to the staff of the organization and he will assign the work to head of the team. After receiving the task from the user1, he will start the work and share it among the people in the team. Each and every status of the task is reported to the concerned higher authority. Once the task gets completed, it will be verified by the manager and it will be send to the head.

**Introduction:**

Better project management is carried out by better project personnel. Most of the reasons that projects fails are management-related rather than technical, yet many enterprises have no processes in place to ensure that project managers are appropriately trained and evaluated. Every project or event involves series of tasks, activities, people, budget and deadlines. No matter how big or small the project is, the success or failure of the project depends on the execution plan and the order in which the tasks are fulfilled. It takes a great deal of skill to do this well, the time invested in building good project management techniques can pay off enormously, this application helps to track the flow of the project and helps to achieve projects on time within the resource constraints. When one knows how to organize, schedule and delegate tasks it is an easy step for them to obtain the flow and status of the project. This proposed solution helps project management team and members to organize task and complete the project effectively.

**Scope of the Project:**

Its scope is to assign, view and track the projects status by the officials and project managers. You always want to know exactly what work has to be done before you start it. You have a collection of team members, and you need to know exactly what they’re going to do to meet the project’s objectives. The scope planning process is the very first thing you do to manage your scope. Project scope planning is concerned with the definition of all the work needed to successfully meet the project objectives. The whole idea here is that when you start the project, you need to have a clear picture of all the work that needs to happen on your project, and as the project progresses, you need to keep that scope up to date and written down in the project’s scope management plan.

**Current Scenario:**

In Existing system, while assigning a task they do not follow the Hierarchy method. Instead of having Hierarchy method they go for mutual interaction between every person under an organization. As it involves everyone for a task, due to lack of planning and scheduling of the concerned task the work may be delayed. Hierarchy

**Disadvantages:**

* Time consumption will be more.
* Multi-Tasking.
* Lack of Planning.

**Proposed Model:**

In proposed model, Reports to a senior C-level executive, preferably the CEO. Provides leadership, direction, and oversight of all corporate programs and projects under development and execution. This role also provides executive oversight for all divisional projects and maintains responsibility for data integration and reporting for all projects and programs within the organization. Oversees development and management of the Strategic Project Office and plays a key facilitative role in project portfolio management. May include the role of Portfolio Manager. Responsibilities for the Chief Project Officer parallel that of a Chief Financial Officer as the office of the CPO provides corporate status, reporting, analysis of all programs/projects with analysis of corresponding impacts to budget, delivery timetables, and resources.

**Advantages:**

* Promotes the development and diffusion of project management culture throughout the enterprise.
* Vast amount of information can easily store, manipulated and retrieved.
* Easy to assign the task and tickets to the developers and track the project status by the manager
* Error corrections can be made soon by updating the bug details to the officials.