**Lab Assignment: 1**

**Object:** To draw the ***Gantt Chart*** for ***Hotel Management.***

**Introduction:**

A Gantt chart, commonly used in project management, is one of the most popular and useful ways of showing activities (tasks or events) displayed against time. On the left of the chart is a list of the activities and along the top is a suitable time scale. Each activity is represented by a bar; the position and length of the bar reflects the start date, duration and end date of the activity.

**Gantt Chart History:**

The first Gantt chart was devised in the mid 1890s by Karol Adamiecki, a Polish engineer who ran a steelworks in southern Poland and had become interested in management ideas and techniques.

Some 15 years after Adamiecki, ***Henry Gantt***, an American engineer and project management consultant, devised his own version of the chart and it was this that became widely known and popular in western countries. Consequently, it was Henry Gantt whose name was to become associated with charts of this type.

In other words, Bar charts, which are calendar-based, show who is responsible for each activity, the expected elapsed time, and when the activity is scheduled to begin and end*. Bar charts are sometimes called ‘Gantt charts’, after their inventor, Henry Gantt.*

Today, Gantt charts are most commonly used for tracking project schedules. For this it is useful to be able to show additional information about the various tasks or phases of the project, for example how the tasks relate to each other, how far each task has progressed, what resources are being used for each task and so on.

**Available Tools:**

The simplest kind of Gantt chart can be created using a software tool such as Microsoft Excel. For that matter, any spreadsheet tool can be used to design a Gantt chart template.

If the project is small scale and does not involve many parallel tasks, a spreadsheet based Gantt chart can be the most effective type.

Microsoft Project is one of the key Gantt chart tools used today. Especially for software development projects, MS Project based Gantt charts are essential to track the hundreds of parallel tasks involved in the software development life cycle.

***Good Points about Gantt Chart:***

* The software-based Gantt charts are able to show the task dependencies in a project schedule.
* Gantt chart tools can be used as the single entity for managing small projects.