PRACTICAL 4

AIM: Develop Software project management planning (SPMP) for the specified module.

Project Scheduling & Tracking :

It is an action that distributes estimated effort across the planned project duration, by allocating the effort to specific software engineering tasks **Scheduling Principles:**

•Compartmentalization

•Interdependency

•Time Allocation

•Effort Validation

•Define Responsibilities

•Define Outcomes

•Define Milestones

Scheduling methods:

Two project scheduling methods that can be applied to software development.

● Program Evaluation and Review Technique (PERT)

● Critical Path Method (CPM)

Both techniques are driven by information already developed in earlier project planning activities:

● estimates of effort

● a decomposition of the product function

● the selection of the appropriate process model and task set

● decomposition of the tasks that are selected S **Gantt Chart:**

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.

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. This allows you to see at a glance:

• What the various activities are

• When each activity begins and ends

• How long each activity is scheduled to last

• Where activities overlap with other activities, and by how much

• The start and end date of the whole project

GANTT CHART:

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