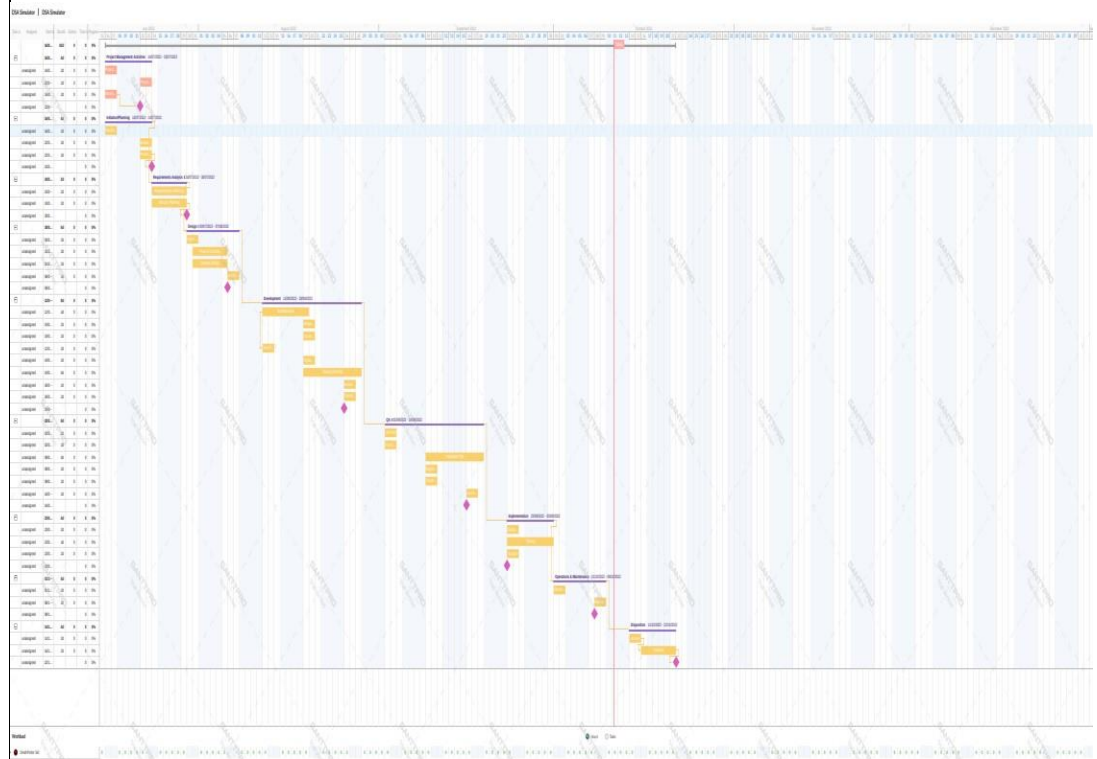| Semester	5
Subject	Software engineering
Subject Professor In-charge	Prof Sneha Annappanavar
Assisting Teachers	Prof Sneha Annappanavar
Laboratory	

Student Name	Nilesh Lad	
Roll Number	20102B0010	
Grade and Subject Teacher's Signature		

Experiment Number	7	
Experiment Title	Implementation of Gantt Chart	
Resources / Apparatus Required	Hardware: laptop	Software: https://www.onlinegantt.com/
Objective	Gantt charts are useful for planning and scheduling projects. They help you assess how long a project should take, determine the resources needed, and plan the order in which you'll complete tasks. They're also helpful for managing the dependencies between tasks.	

Theory	Generalized Activity Normalization Time Table (GANTT) chart is type of chart in which series of horizontal lines are present that show the amount of work done or production completed in given period of time in relation to amount planned for those projects. It is horizontal bar chart developed by Henry L. Gantt (American engineer and social scientist) in 1917 as production control tool. It is simply used for graphical representation of schedule that helps to plan in an efficient way, coordinate, and track some particular tasks in project. The purpose of Gantt chart is to emphasize scope of individual tasks. Hence set of tasks is given as input to Gantt chart. Gantt chart is also known as timeline chart. It can be developed for entire project or it can be developed for individual functions. In most of projects, after generation of timeline chart, project tables are prepared. In project tables, all tasks are listed in proper manner along with start date and end date and information related to it.

Gantt chart represents following things :
•   All the tasks are listed at leftmost column.
•   The horizontal bars indicate or represent required time by   corresponding particular task.
•   When occurring of multiple horizontal bars takes place at same time on calendar, then that means concurrency can be applied for performing particular tasks.
•   The diamonds indicate milestones.

Output	
Conclusion	Gantt charts are useful for planning and scheduling projects. They help you assess how long a project should take, determine the resources needed, and plan the order in which you'll complete tasks. They're also helpful for managing the dependencies between tasks.