



ANJUMAN-I-ISLAM'S KALSEKAR TECHNICAL CAMPUS
School of Engineering & Technology

Affiliated to : University of Mumbai, Recognised by : DTE (Maharashtra) & Approved by : AICTE (New Delhi)

Course Code: CSL601	Course Name:
Class :	Batch :
Roll no :	Name :

Experiment : 03

Aim : Use project management tool to prepare schedule for the project.

Theory :

Explain the importance of Project Scheduling.

Explain Gantt Charts and its application.

Explain Milestones and Deliverables.

Reference:

<https://www.projectmanager.com>

<https://www.smartsheet.com/definitive-guide-project-scheduling>

Conclusion



1. Importance of project scheduling

Financial

Project scheduling impacts the overall finances of a project. Time constraints require project managers to schedule resources effectively.

Documentation

Creating a comprehensive work breakdown structure allows you to create a chart, such as a Gantt chart, that lists the project tasks, shows dependencies and defines milestones. Management consultant Henry Gantt designed this type of chart to show a graphic schedule of planned work.

Management

Effective project managers conduct regular meetings to get status reports. They use project scheduling meetings to check in with their team members and prevent costly misunderstandings.

Quality

Project scheduling ensures one task gets completed in a quality manner before the next task in the process begins. By assuring that quality measures meet expectations at every step of the way, you ensure that managers and team members address problems as they arise and don't wait until the end

2. Gantt Charts and its application.

A gantt chart is a horizontal bar chart that visually represents a project plan over time. Modern gantt charts typically show you the status of—as well as who's responsible for—each task in the project. In other words, a gantt chart is a super-simple way to keep you out of a project pinch!

Gantt charts contain the following features:

- Start and end dates for tasks
- Project milestones
- Dependencies between tasks
- Person assigned to each task


























Application

- Used in visualizing and planning project tasks with start and finish dates
- Used in monitoring a project progress
- Representing Dependency relationships between tasks, the critical path, and the current Completion status

3. Milestones and deliverables

A Milestone is a time point at which the project has made important progress. A milestone is characterized by the time it should be completed, typically in project months. What exactly is to be completed is specified in the Deliverables. Thus, each Milestone needs to contain one or more Deliverables as evidence of success.

A Deliverable is a measurable goal. To be measurable, a Deliverable must be either a physical object or computer file, approval by a person (e.g. a reviewer) or a declaration (you announce something is ready). Unlike Milestones, Deliverables do not necessarily have a time frame, although sometimes the time frame is given to display Deliverables in a GANTT chart.

		Name	Duration	Start	Finish	Predecessors	Resource Names
1		Online Adaptive Assessment Platform	82 days?	7/2/19 8:00 AM	31/5/19 5:00 PM		
2		Communication	5 days?	7/2/19 8:00 AM	13/2/19 5:00 PM		
3		Project Meeting	0.333 days?	7/2/19 8:00 AM	7/2/19 10:40 AM		Mohd Adnan;Obaid;Shadab
4		Identify Problem Statement	0.5 days?	8/2/19 10:40 AM	8/2/19 3:40 PM	3	Mohd Adnan;Obaid
5		Interview stakeholders	1 day?	11/2/19 8:00 AM	11/2/19 5:00 PM	4	Obaid
6		Brain Storming	0.333 days?	12/2/19 8:00 AM	12/2/19 10:40 AM	5	Mohd Adnan;Obaid;Shadab
7		Finalizing problem statement	0.333 days?	12/2/19 10:40 AM	12/2/19 2:20 PM	6	Mohd Adnan;Obaid;Shadab
8		Milestones : Project Title approval	1 day?	13/2/19 8:00 AM	13/2/19 5:00 PM	7	Abdus Salam
10		Planning	5 days?	14/2/19 8:00 AM	20/2/19 5:00 PM		
11		Identifying Functional requirement	0.333 days?	14/2/19 8:00 AM	14/2/19 10:40 AM		Mohd Adnan;Obaid;Shadab
12		Identifying non - functional requirement	0.333 days?	14/2/19 10:40 AM	14/2/19 2:20 PM	11	Mohd Adnan;Obaid;Shadab
13		Cost estimation	0.333 days?	14/2/19 2:20 PM	14/2/19 5:00 PM	12	Mohd Adnan;Obaid;Shadab
14		Developing SRS	2 days?	15/2/19 8:00 AM	18/2/19 5:00 PM	13	Mohd Adnan;Obaid;Shadab
15		Finalizing Project Plan	1 day?	19/2/19 8:00 AM	19/2/19 5:00 PM	14	Shadab
16		Milestones : Project Plan Approval	1 day?	20/2/19 8:00 AM	20/2/19 5:00 PM	15	Abdus Salam
18		Modelling	9 days?	21/2/19 8:00 AM	5/3/19 5:00 PM		
19		Developing ER Diagram	2 days?	21/2/19 8:00 AM	22/2/19 5:00 PM		Mohd Adnan
20		Generating Relational Models	3 days?	25/2/19 8:00 AM	27/2/19 5:00 PM	19	Obaid;Shadab
21		Unified Modelling	1 day?	28/2/19 8:00 AM	28/2/19 5:00 PM	20	Mohd Adnan
22		Preparing DFD	1 day?	1/3/19 8:00 AM	1/3/19 5:00 PM	21	Shadab
23		Re-examining The Diagrams	0.333 days?	4/3/19 8:00 AM	4/3/19 10:40 AM	22	Mohd Adnan;Obaid;Shadab
24		Milestone : Modelling Approval	1 day?	5/3/19 8:00 AM	5/3/19 5:00 PM	23	Abdus Salam
26		Construction	56.5 days?	6/3/19 8:00 AM	23/5/19 1:00 PM		
27		Coding	46.333 da...	6/3/19 8:00 AM	9/5/19 10:40 AM		
28		Developing Back-End	7.5 days?	6/3/19 8:00 AM	15/3/19 1:00 PM		Obaid;Shadab
29		Developing Front-End	15 days?	27/3/19 8:00 AM	16/4/19 5:00 PM	28	Mohd Adnan
30		Database Integration & Connectivity	5 days?	18/4/19 8:00 AM	24/4/19 5:00 PM	29	Shadab
31		Validation of modules	10 days?	25/4/19 8:00 AM	8/5/19 5:00 PM	30	Obaid
32		Milestone : Code Content Finalization	0.333 days?	9/5/19 8:00 AM	9/5/19 10:40 AM	31	Mohd Adnan;Obaid;Shadab
33		Testing	9.5 days?	10/5/19 8:00 AM	23/5/19 1:00 PM		
34		Unit Testing	2 days?	10/5/19 8:00 AM	13/5/19 5:00 PM		Mohd Adnan

