

SwE 466 : Labs and Project

Contents

1. Lab Time Table:.....	3
2. Tools Used:	3
3. Labs Material:	4
3.1. Lab1:	5
3.2. Lab2:	6
3.3. Lab3:	7
3.4. Lab4:	8
3.5. Lab5:	9
3.6. Lab6:	10
3.7. Lab7:	11
3.8. Lab8:	12
3.9. Lab9:	13
4. Project Requirements:	14

1. Lab Time Table:

Week	Lab
3	Lab 1
4	Lab 2
5	Lab 2
6	Lab 3
7	Lab 4
8	Lab 4
9	Lab 5
10	Lab 6
11	Lab 7
12	Lab 8
13	Lab 8
14	Lab 9

1. Tools used:

- Microsoft Project Management 2007
- Costar 7.0

2. Labs Material:

- Introduction to MS Project
- Tasks in MS Project
- How to assign resources to task in MS Project
- Project Tracking in MS Project
- Report in MS Project
- Different views in MS Project
- Introduction to Costar and different reports & How to use costar for Project
- Jazz & Rational Team Concert
- Requirement Definition & Management
- Quality Driven Software Delivery

3.1. Lab 1:

Subject: Introduction to MS Project

Duration: 1hour

Overview:

- Introducing MS project in term of (Task, resources, tracking and repot)
- Use of MS Project
- Benefits of MS project

3.2. Lab 2:

Subject: Tasks in MS Project

Duration: 1hour

Overview:

- List the task in tasks in the project
- Organize task into phases
- Schedule tasks
- Link to or attach more task information

3.3. Lab 3:

Subject: How to assign resources to task in MS Project

Duration: 1hour

Overview:

- Specify people and equipment for the project
- Defining working time for the resources
- Assigning people and equipment to tasks
- Link or attach more resource information

3.4. Lab 4:

Subject: Project Tracking in MS Project

Duration: 1hour

Overview:

- Track and manage the project
- Save a baseline plan to compare with later version
- Prepare to track the progress of the project
- Check the progress of the project

3.5. Lab 5:

Subject: Report in MS Project

Duration: 1hour

Overview:

- Change the content or order of information in a view
- Change the look or content of the Gantt Chart
- Compare progress against baseline work
- See the project's critical tasks

3.6. Lab 6:

Subject: Different views in MS Project

Duration: 1hour

Overview:

- Introducing different views in MSP
- How to show project progress in different views

3.7. Lab 7:

Subject: Introduction to Costar and different reports & How to use costar for Project

Duration: 1hour

Overview:

- Introducing Costar in term of estimation
- COCOMO model
- How to use Costar with estimate wizard and manually
- Working with scale and cost drivers
- Using function points, Increment, Breakage, maintains etc.
- Understanding different reports
- Use of Calico, equations, customizing and function points.

3.8. Lab 8:

Subject: Jazz & Rational Team Concert, & Requirement Definition & Management

Duration: 1hour

Overview:

- Configuration of Jazz and Rational Team Concert tool.
- Main functions of Jazz and Rational Team Concert
- Uses of Calico Jazz and Rational Team Concert.
- Requirement Definition & Management

3.9. Lab 9:

Subject: Quality Driven Software Delivery

Duration: 1hour

Overview:

- Main functions of Quality Driven Software Delivery
- Uses of Quality Driven Software Delivery.

4. Project requirements