LAB PROJECT

Part 1

Pre-Setting

Week starts on Monday	Hours per week: 40
Start time: 8:00AM	Days per month: 20
End time: 5:00PM	Project start date: 1 Jan 2024
Hours per day: 8	

1. Enter all the tasks based on Appendix A
2. When is the project completion date? **[1 pt]**
3. How long is the duration of the project? **[1 pt]**
4. The project consists of main tasks (such as Project Planning, Requirement Elicitation, etc.) and subtasks (such as User Requirements, User Interface Design, etc).
    a. Which main task is the longest and which main task is the shortest? **[2 pts]**
    b. Which subtasks is the longest & which subtask is the shortest? **[2 pts]**
5. List all the tasks on Critical Path, in the correct sequence. [**10 pts**]
    a. *Task1 name*
    b. *Task2 name*
    c. *etc*
6. Add the public holidays. Refer to Appendix B
7. When is the project completion date? **[2 pts]**
8. How long is the duration of the project? **[1 pt]**
9. Generate the Network Diagram.
10. Generate the Gantt chart.

Submission Guidelines:

I. Upload completed **Lab 1 answer page**. Save the cover page in PDF and rename it according to the example filename format.
   Example filename format: *Sec01A_Group03_Part1_AP.pdf*

II. Upload the complete **Network Diagram**, in PDF format. **[3 pts]**
   Example filename format: *Sec01A_Group03_Part1_ND.pdf*

III. Upload the complete **Gantt Chart**, in PDF format. **[3 pts]**
   Example filename format: *Sec01A_Group03_Part1_GC.pdf*

IV. Upload the respective MS **Project file**. **[3 pts]**
   Example filename format: *Sec01A_Group03_Part1_PF.mpp*

Note:
   a) You will also be expected to demo during class. Failure to provide the correct answer(s) during demo will result in deduction of marks.
   *b) I have the right to **reject** any file submission that does not follow the above filename format.*

APPENDIX A

	Task Name	Duration (Days)	Predecessor	Resources	Cost
A	Project Planning				
A1	Project Initiation and Organization	2		PM, SA, BA, COO	PM=RM150/hr SA=RM125/hr BA=RM125/hr COO= RM200/hr
A2	Project Definition and Planning	5	A1	PM, SA, BA, COO	
A3	Management Review & Approval	2	A2	PM, SA, BA, COO	
B	Requirement Elicitation				
B1	User Requirements	10	A3	PM, BA, SA, SE,	SE=RM125/hr
B2	System Requirements	8	B1	BA, SA, SE	
C	Design				
C1	User Interface Design	10	B1	SE, DBA, GD, SA	DBA=RM125/hr GD=RM100/hr
C2	System/Technical Design	10	B2, C1	SE, DBA, SA	
C3	Design Verification	8	C2	QM, SE, SA	QM=RM125/hr
D	Implementation (Coding)				
D1	Programming	40	C3	SE, SA, DBA, Coder	Coder=RM100/hr
E	Testing				
E1	Test Planning & Preparation	10	D1	PM, QM, SE, SA	
E2	Component Test	10	E1	Coder	
E3	Integration Test	10	E2	QM, SE, Coder, DBA	
E4	User Acceptance Test	5	E3	QM, SE, DBA, SA	
F	Roll-Out				
F1	Roll Out Planning & Preparation	5	E4	QM, SE, SA, TR	
F2	User Training	10	F1	QM, SE, SA, TR	TR=Rm100/hr
F3	Site Installation	5	F1	PM, SA, SE, DBA, QM	
G	Project Closing				
G1	Post Implementation Mtg & Closing	1	F2, F3	PM, SA, BA, COO, QM, SE, DBA,	

Project Name: Sec#_Group#_Semester. Example: **Sec01A_Group01_2324s1**
Note: Define the above tasks under the project name task.

APPENDIX B

Selangor Public Holidays 2024

This page contains a calendar of all 2024 public holidays for Selangor. These dates may be modified as official changes are announced, so please check back regularly for updates.

Date	Day	Holiday
1 Jan	Mon	New Year's Day
25 Jan	Thu	Thaipusam
10 Feb	Sat	Chinese New Year
11 Feb	Sun	Chinese New Year Holiday
12 Feb	Mon	Chinese New Year Holiday
28 Mar	Thu	Nuzul Al-Quran
10 Apr	Wed	Hari Raya Aidilfitri
11 Apr	Thu	Hari Raya Aidilfitri Holiday
1 May	Wed	Labour Day
22 May	Wed	Wesak Day
3 Jun	Mon	Agong's Birthday
17 Jun	Mon	Hari Raya Haji
7 Jul	Sun	Awal Muharram
8 Jul	Mon	Awal Muharram Holiday
31 Aug	Sat	Merdeka Day
16 Sep	Mon	Prophet Muhammad's Birthday
16 Sep	Mon	Malaysia Day
17 Sep	Tue	Malaysia Day Holiday
31 Oct	Thu	Deepavali
11 Dec	Wed	Sultan of Selangor's Birthday
25 Dec	Wed	Christmas Day