

Creating Project:

Company XYZ hired you as project manager for Jama website, which is online shop. You will start the project on January 15, 2017.

Calendar Setup:

The Human Resources department has issues a list of company holidays for 2017. As project manager, ensure that the project calendar considers these company holidays when scheduling tasks in your project.

Hajj Break	Start: 9/2/2017	End: 21/2/2017
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Create a calendar for this project to reflect the holidays, weekends and weekdays.

1. Create new Standard calendar and name it Jama project
2. Add holidays to the calendar.
3. Set the working times as follow:
 - a. For all working days (**Sun, Mon, Tus, Wed, Thu**) there are two periods: From **9:00 a.m.** to **12:00 p.m.** and from **1:00 a.m.** to **4:30 p.m.**
 - b. Set **Saturday** as working day from **8:00 a.m.** to **12:00 p.m.**
 - c. Set the **Friday** as a non-working day.

Resources Setup:






















4. Add The following resources to the project:

Resource Name	Type	Group	Std. Rate	Base Calendar
Your Name	Work	Project Manager	\$12,000.00/mon	Jama project
Arwa Fahad	Work	Developer	\$6000.00/mon	Jama project
Sara Ahmad	Work	Tester	\$6000.00/mon	Jama project
Rawan Abdullah	Work	Analyst	\$8000.00/mon	Jama project






















Task Setup:

5. Add the following tasks to the project





















CT1413- Project
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ID	 Task Mode	Task Name	Duration	Predecessors	Resource Names
1		Scope	3.5 days		
2		Determine project scope	4 hrs		Management
3		Secure project sponsorship	1 day	2	Management
4		Define preliminary resources	1 day	3	Project Manager
5		Secure core resources	1 day	4	Project Manager
6		Scope complete	0 days	5	
7		Analysis/Software Requirements	14.5 days		
8		Conduct needs analysis	5 days	6	Analyst
9		Draft preliminary software specifications	3 days	8	Analyst
10		Develop preliminary budget	2 days	9	Project Manager
11		Review software specifications/budget with team	4 hrs	10	Project Manager,Analyst
12		Incorporate feedback on software specifications	1 day	11	Analyst
13		Develop delivery timeline	1 day	12	Project Manager
14		Obtain approvals to proceed (concept, timeline, budget)	8 hrs	13	Project Manager
15		Secure required resources	1 day	14	Project Manager
16		Analysis complete	0 days	15	
17		Design	14.5 days		
18		Review preliminary software specifications	2 days	16	Analyst
19		Develop functional specifications	5 days	18	Analyst
20		Develop prototype based on functional specifications	4 days	19	Analyst

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ID		Task Mode	Task Name	Duration	Predecessors	Resource Names
21			Review functional specifications	2 days	20	
22			Incorporate feedback into functional specifications	1 day	21	
23			Obtain approval to proceed	4 hrs	22	
24			Design complete	0 days	23	
25			Development	21.75 days		
26			Review functional specifications	1 day	24	Developer
27			Identify modular/tiered design parameters	1 day	26	Developer
28			Assign development staff	1 day	27	Developer
29			Develop code	15 days	28	Developer
30			Developer testing (primary debugging)	15 days	29FS-75%	Developer
31			Development complete	0 days	30	
32			Testing	48.75 days		
33			Develop unit test plans using product specifications	4 days	24	Testers
34			Develop integration test plans using product specifications	4 days	24	Testers
35			Unit Testing	15 days		
36			Review modular code	5 days	33,31	Testers

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ID	 Task Mode	Task Name	Duration	Predecessors	Resource Names
37		Test component modules to product specifications	2 days	31,36	Testers
38		Identify anomalies to product specifications	3 days	37	Testers
39		Modify code	3 days	38	Testers
40		Re-test modified code	2 days	39	Testers
41		Unit testing complete	0 days	40	
42		Integration Testing	12 days		
43		Test module integration	5 days	41	Testers
44		Identify anomalies to specifications	2 days	43	Testers
45		Modify code	3 days	44	Testers
46		Re-test modified code	2 days	45	Testers
47		Integration testing complete	0 days	46	
48		Deployment	5 days		
49		Determine final deployment strategy	1 day	47	
50		Develop deployment methodology	1 day	49	
51		Secure deployment resources	1 day	50	
52		Train support staff	1 day	51	
ID	 Task Mode	Task Name	Duration	Predecessors	Resource Names
53		Deploy software	1 day	52	
54		Deployment complete	0 days	53	

6. Take screenshot of network diagram.
7. Display the critical path on Gantt chart.