
























**Learn from MVP : Resource Optimization in Microsoft Project: Lab Activity**

Create a project plan with the following attributes

1. The project starts on 25<sup>th</sup> August 2014.
2. Your team: Suresh, Prakash and Sai.
  - a. The working time is 9 am – 1 pm, 2 pm – 6 pm
  - b. Suresh is available full time to the project from 25<sup>th</sup> Aug to 20<sup>th</sup> Sep, billing rate is \$5/hour
  - c. Prakash is available full time to the project from 25<sup>th</sup> Aug to 30<sup>th</sup> Sep, billing rate is \$10/hour
  - d. Sai is available full time to the project from 25<sup>th</sup> Aug to 30<sup>th</sup> Sep, billing rate is \$15/hour
3. Create a schedule in the below format

		Task Mode ▾	Task Name ▾	Predecessor ▾	Duration ▾	Resource Names ▾	Cost ▾
0			▾ <b>Hands-on</b>		<b>25 days</b>		<b>\$3,400.00</b>
1			▾ <b>Training</b>		<b>11 days</b>		<b>\$1,400.00</b>
2			Assess learning needs		1 day	Suresh	\$40.00
3			Prepare video content	2	1 day	Prakash,Sai	\$200.00
4			Prepare simulations	3	2 days	Suresh	\$80.00
5			Prepare quizzes	2	4 days	Sai	\$480.00
6			Review quiz	5	3 days	Prakash	\$240.00
7			Finalize training material	6,4	3 days	Sai	\$360.00
8			▾ <b>Pilot</b>		<b>14 days</b>		<b>\$2,000.00</b>
9			Identify test group	7	2 days	Prakash	\$160.00
10			Deploy training software	7	5 days	Prakash,Sai	\$1,000.00
11			Pilot Rollout	9,10	5 days	Sai	\$600.00
12			Obtain user feedback	11	2 days	Suresh	\$80.00
13			Evaluate test information	12	2 days	Prakash	\$160.00

4. View the resource-wise comparison bar graph report on their available hours, work assigned
5. You are provided two options to resolve the issues of overallocated resources
  - a. Option 1: You can increase the project duration by 2 days but the project cost should be reduced by \$100.
  - b. Option 2: You can increase the project cost by \$200 but the project duration should be reduced by at least 3 days
  - c. Option 3: You can keep the project cost and duration constant