



# Activity Planning



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# REVISION HISTORY

Date	Rev.	Description
	1.0	Initial version

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# CONTENTS

1	Introduction.....	3
2.1	Purpose.....	3
2.2	Definitions, Acronyms and Abbreviations .....	3
2	Activities.....	4
2.1	Roles and Responsibilities .....	4
2.2	Resources.....	4
2.3	Activity List .....	4
3	Activity Networks.....	5
3.1	Activity-On-Node Network.....	5
4	Glossary.....	5

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# ACTIVITY PLANNING

## 1 INTRODUCTION

### 2.1 PURPOSE

The purpose of Activity planning is to enable us to allocate resources and tasks more accurately based on initial estimates.

### 2.2 DEFINITIONS, ACRONYMS AND ABBREVIATIONS

Please refer to the Project Glossary for definitions, acronyms and abbreviations needed to properly interpret this document.

## 2 ACTIVITIES

### 2.1 ROLES AND RESPONSIBILITIES

- Developers
  - For this project, we have only five people and they are all developers. Since we don't have other dedicated professionals such as project managers we will have to share responsibilities. Activities such as analysis, design, testing, documentation and deployment are all going to be done by developers.

### 2.2 RESOURCES

- The hourly rate for a developer is 31\$/hr. We have used this rate to calculate the costs for each activity.

### 2.3 ACTIVITY LIST

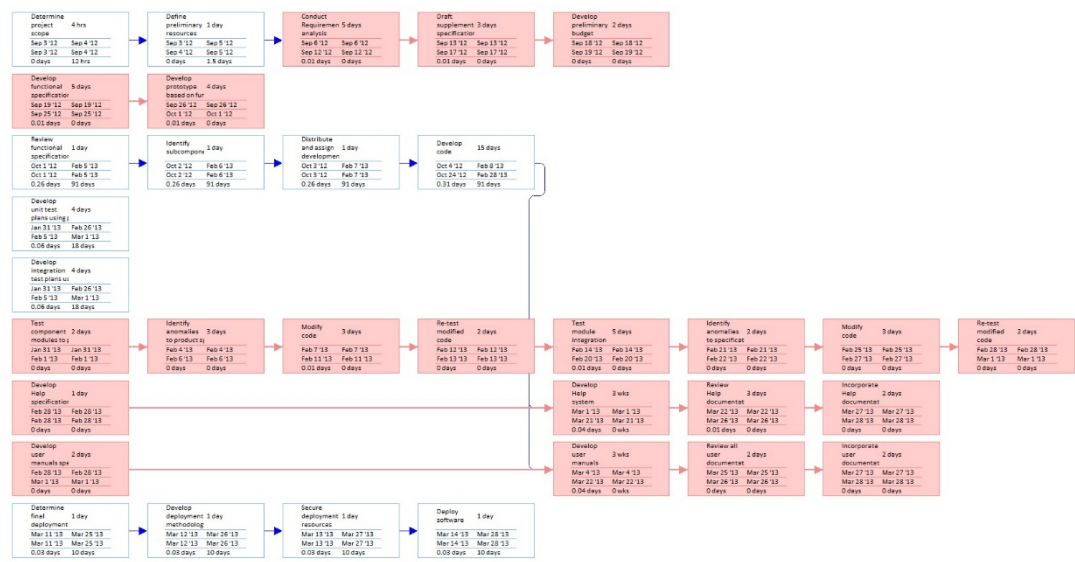
The figure below illustrates the list of activities.

ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Cost
0	<b>Software Development</b>	<b>149 days?</b>	<b>Mon 9/3/12</b>	<b>Thu 3/28/13</b>			<b>\$28,396.00</b>
1							\$0.00
2	<b>Scope</b>	<b>4 days</b>	<b>Mon 9/3/12</b>	<b>Thu 9/6/12</b>			<b>\$372.00</b>
3	Determine project scope	4 hrs	Mon 9/3/12	Mon 9/3/12		Developer	\$124.00
4	Define preliminary resources	1 day	Mon 9/3/12	Tue 9/4/12	3	Developer	\$248.00
5	<b>Analysis/Software Requirements</b>	<b>10 days</b>	<b>Thu 9/6/12</b>	<b>Wed 9/19/12</b>			<b>\$2,480.00</b>
6	Conduct Requirements analysis	5 days	Thu 9/6/12	Wed 9/12/12	4	Developer	\$1,240.00
7	Draft supplementary specifications	3 days	Thu 9/13/12	Mon 9/17/12	6	Developer	\$744.00
8	Develop preliminary budget	2 days	Tue 9/18/12	Wed 9/19/12	7	Developer	\$496.00
9	<b>Design</b>	<b>9 days</b>	<b>Wed 9/19/12</b>	<b>Mon 10/1/12</b>			<b>\$2,232.00</b>
10	Develop functional specifications	5 days	Wed 9/19/12	Tue 9/25/12		Developer	\$1,240.00
11	Develop prototype based on functional specifications	4 days	Wed 9/26/12	Mon 10/1/12	10	Developer	\$992.00
12	<b>Development</b>	<b>109 days</b>	<b>Mon 10/1/12</b>	<b>Thu 2/28/13</b>			<b>\$4,464.00</b>
13	Review functional specifications	1 day	Mon 10/1/12	Mon 10/1/12		Developer	\$248.00
14	Identify subcomponents	1 day	Tue 10/2/12	Tue 10/2/12	13	Developer	\$248.00
15	Distribute and assign development	1 day	Wed 10/3/12	Wed 10/3/12	14	Developer	\$248.00
16	Develop code	15 days	Thu 10/4/12	Wed 10/24/12	15	Developer	\$3,720.00
17	<b>Testing</b>	<b>22 days</b>	<b>Thu 1/31/13</b>	<b>Fri 3/1/13</b>			<b>\$7,440.00</b>
18	Develop unit test plans using product specifications	4 days	Thu 1/31/13	Tue 2/5/13		Developer	\$992.00
19	Develop integration test plans using product specifications	4 days	Thu 1/31/13	Tue 2/5/13		Developer	\$992.00
20	<b>Unit Testing</b>	<b>10 days</b>	<b>Thu 1/31/13</b>	<b>Wed 2/13/13</b>			<b>\$2,480.00</b>
21	Test component modules to product specifications	2 days	Thu 1/31/13	Fri 2/1/13		Developer	\$496.00
22	Identify anomalies to product specifications	3 days	Mon 2/4/13	Wed 2/6/13	21	Developer	\$744.00
23	Modify code	3 days	Thu 2/7/13	Mon 2/11/13	22	Developer	\$744.00
24	Re-test modified code	2 days	Tue 2/12/13	Wed 2/13/13	23	Developer	\$496.00
25	<b>Integration Testing</b>	<b>12 days</b>	<b>Thu 2/14/13</b>	<b>Fri 3/1/13</b>			<b>\$2,976.00</b>
26	Test module integration	5 days	Thu 2/14/13	Wed 2/20/13	24	Developer	\$1,240.00
27	Identify anomalies to specifications	2 days	Thu 2/21/13	Fri 2/22/13	26	Developer	\$496.00
28	Modify code	3 days	Mon 2/25/13	Wed 2/27/13	27	Developer	\$744.00
29	Re-test modified code	2 days	Thu 2/28/13	Fri 3/1/13	28	Developer	\$496.00
30	<b>Documentation</b>	<b>21 days</b>	<b>Thu 2/28/13</b>	<b>Thu 3/28/13</b>			<b>\$10,416.00</b>
31	Develop Help specification	1 day	Thu 2/28/13	Thu 2/28/13		Developer	\$248.00
32	Develop Help system	3 wks	Fri 3/1/13	Thu 3/21/13	31,16FS-50%	Developer	\$3,720.00
33	Review Help documentation	3 days	Fri 3/22/13	Tue 3/26/13	32	Developer	\$744.00
34	Incorporate Help documentation feedback	2 days	Wed 3/27/13	Thu 3/28/13	33	Developer	\$496.00
35	Develop user manuals specifications	2 days	Thu 2/28/13	Fri 3/1/13		Developer	\$496.00
36	Develop user manuals	3 wks	Mon 3/4/13	Fri 3/22/13	35,16FS-50%	Developer	\$3,720.00
37	Review all user documentation	2 days	Mon 3/25/13	Tue 3/26/13	36	Developer	\$496.00
38	Incorporate user documentation feedback	2 days	Wed 3/27/13	Thu 3/28/13	37	Developer	\$496.00
39	<b>Deployment</b>	<b>4 days</b>	<b>Mon 3/11/13</b>	<b>Thu 3/14/13</b>			<b>\$992.00</b>
40	Determine final deployment strategy	1 day	Mon 3/11/13	Mon 3/11/13		Developer	\$248.00
41	Develop deployment methodology	1 day	Tue 3/12/13	Tue 3/12/13	40	Developer	\$248.00
42	Secure deployment resources	1 day	Wed 3/13/13	Wed 3/13/13	41	Developer	\$248.00
43	Deploy software	1 day	Thu 3/14/13	Thu 3/14/13	42	Developer	\$248.00

# 3 ACTIVITY NETWORKS

## 3.1 ACTIVITY-ON-NODE NETWORK

In order to get a better picture of the plan of the problem and to estimate more accurately when the project will be completed given the resources we have, we’ve created an Activity-on-node network in the figure below.



# 4 GLOSSARY

N/A