Group Project - Spring 2022

CPIS-334 Introduction to Software Project Management

Coordinator(s) Dr. Usman Khan

9539

Student ID	
Student Name	
Section	FBR ,HAR

Obtained Marks _____ out of _____

SO	Obtained Marks
3	

King Abdulaziz University
College Of Computer and Information Technology
Department of Information System

Pet Adoption System

Project Management CPIS-334
Lab
Project Worksheet

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Table of Contents

Purpose of the Project 3
Goals and Objectives (Project Charter & Scope Statement) 4
Goals 4
Objectives 5
Project Charter 6
Scope Statement 7
Work Breakdown Structure (WBS) 8
Use of Precedence Diagram Method (PDM) to construct project schedule network diagram (Project Scheduling) 9
Project Cost Estimation 10
Staffing Procedure and Plan (HR Management) 11
Organizational chart and histogram (HR Management) 12
Detailed Project Schedule (MS Project) 13
References 23

Purpose of the Project

An animal is in a good state of welfare if it is healthy, comfortable, well-nourished, safe, able to express innate behavior, and if it is not suffering from unpleasant states such as pain, fear, and distress.
Protecting an animal's welfare means providing for its physical and mental needs. Ensuring animal welfare is a human responsibility that includes consideration for all aspects of animal well-being.

Pet Adoption System aims to help as many animals, and people, as possible by providing the opportunity to offer pets for adoption for people who are interested in adopting. Moreover, enable the user to provide assistance to homeless pets by reporting their location. In addition, the application provides a feature for app users to donate money for the shop and to buy supplies. This system combines all features that benefit pet lovers.

Goals and Objectives (Project Charter & Scope Statement)

Goals

Our goal is to build and design an application that solve several problems, which are the following:

- People do not have time to look for shops for adopting pets
- People do not know where to offer their pets for adoption
- There are so many stray pets that need home and care
- People do not know how to support stores financially
- Searching for a specific pet supply can be difficult to find in most stores

So, in this application we included the most useful features for the user to facilitate:

- Offering their pets for the shop to adopt
- Sending reports about homeless pets' location
- Donating money to support the shop
- Adopting pets from the shop
- Searching pets according to their type
- Review pets' information and images
- Chatting with customer service members
- Buying pet supplies
    - Toys, Food, Treats, Animal health product, Litterboxes, Bowls, Toilet accessories, Dresses, Litterbox sand and Shower products

Objectives

- Create a database that has all pet’s information and supplies
- Create interface application that allows the user to adopt a pet or buy supplies
- Include notifications and online chatting with the customer service in the system
- Consider any problems that may occur during the development of the system to make sure the system is error-free

Project Charter

Project Title: Pet Adoption System

Project Start Date: 13-02-2022 **Project Finish Date:** 17-07-2022

Budget Information: The sponsor has allocated 200,000 SAR for this project. Most of the cost will be for the software engineering and most of the work will focus on the executing phase.

Project Manager: Muna Alsayad, (+966) 509117257, MunaSayad@gmail.com

Project Objectives: Establishment and development of a system that enables the user to adopt pets and purchase their supplies, moreover, enabling the user to provide assistance to stray homeless pets by reporting their location. in addition, the system provides a feature to donate money to help them.

Main Project Success Criteria: Ensuring the accuracy of the information, gaining customer satisfaction, trust, and the system's ability to withstand a huge number of visitors to be of high quality and reliability.

Approach:

- Build a database that contains all the pets and supplies information
- Design and develop a flexible and user-friendly interface to provide an easy tracking experience for the customer
- Add the online chatting with the customer service members
- Provide a notifications service in the system to inform the customer of any updates about the adoption or purchase
- Test the software security, performance, quality, responsiveness, and flexibility by doing multiple using trials to ensure it is error-free software

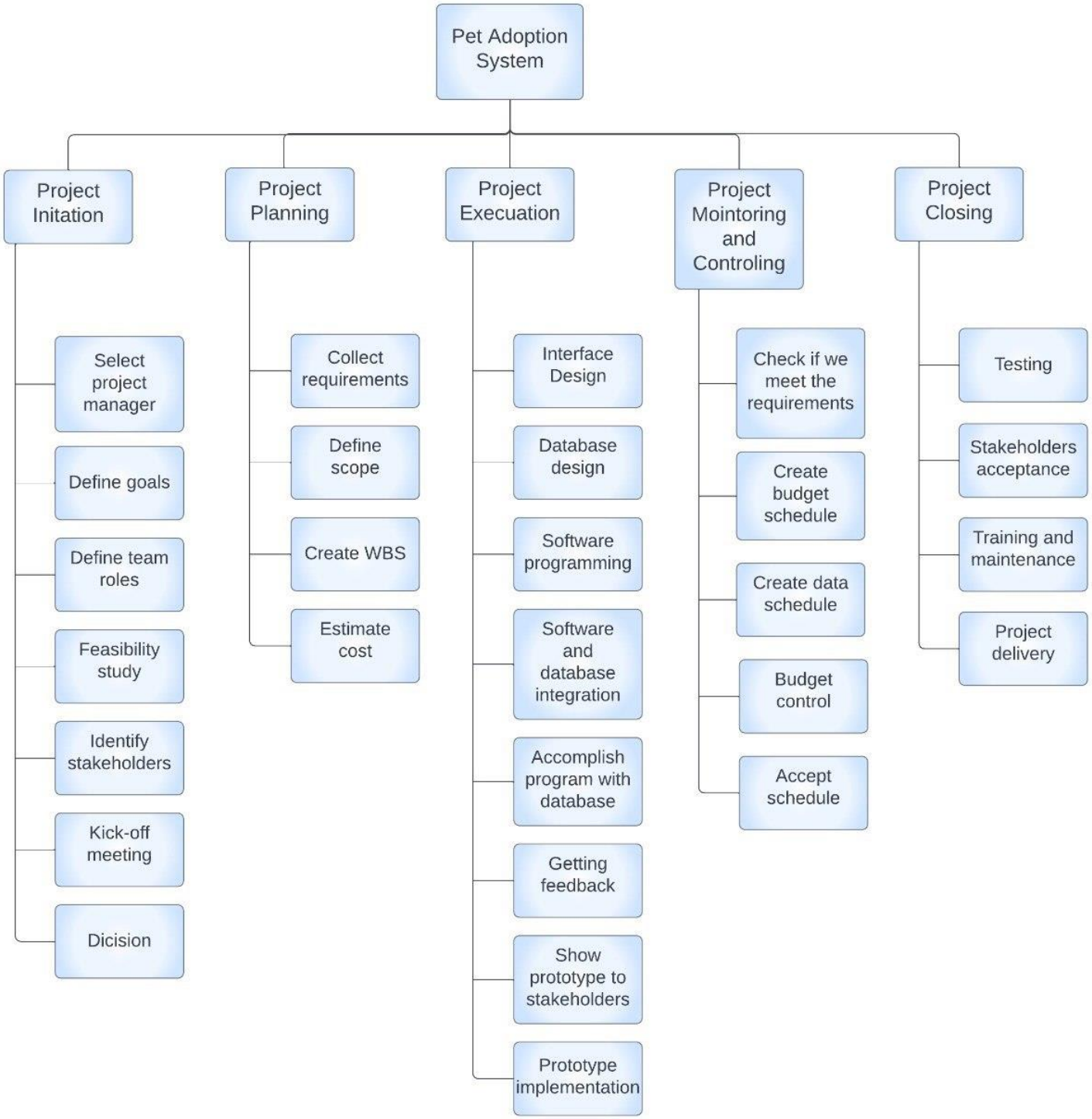
Roles and Responsibilities (Stakeholder Register):

Name	Rule	Position	Contact information
Dana AlSaleh	CEO	Management	Dsaleh@gmail.com
Muna Alsayad	Project manager	Management	MunaSayad@gmail.com
Nujoud Alzhrani	Stakeholder	Management	Nj_Alzhrani@gmail.com
Hanin Aloufi	Financial advisor	Management	Hanin.y@gmail.com
Elaf Aloufi	Designer	Programmer	Elafyousef@gmail.com
Manar Altaiary	System Analyst	Programmer	ManarAltaiary@gmail.com
Shoug Alharthi	Data Analyst	Management	Shog_Alharthi@gmail.com
Hanan Alharbi	Programmer	Programmer	HananAlharbi@gmail.com
Rahaf Almalki	Tester	Programmer	Rahaf_alm@gmail.com
Maha Alotaibi	Human resource manager	Management	Maha_alotibi@gmail.com

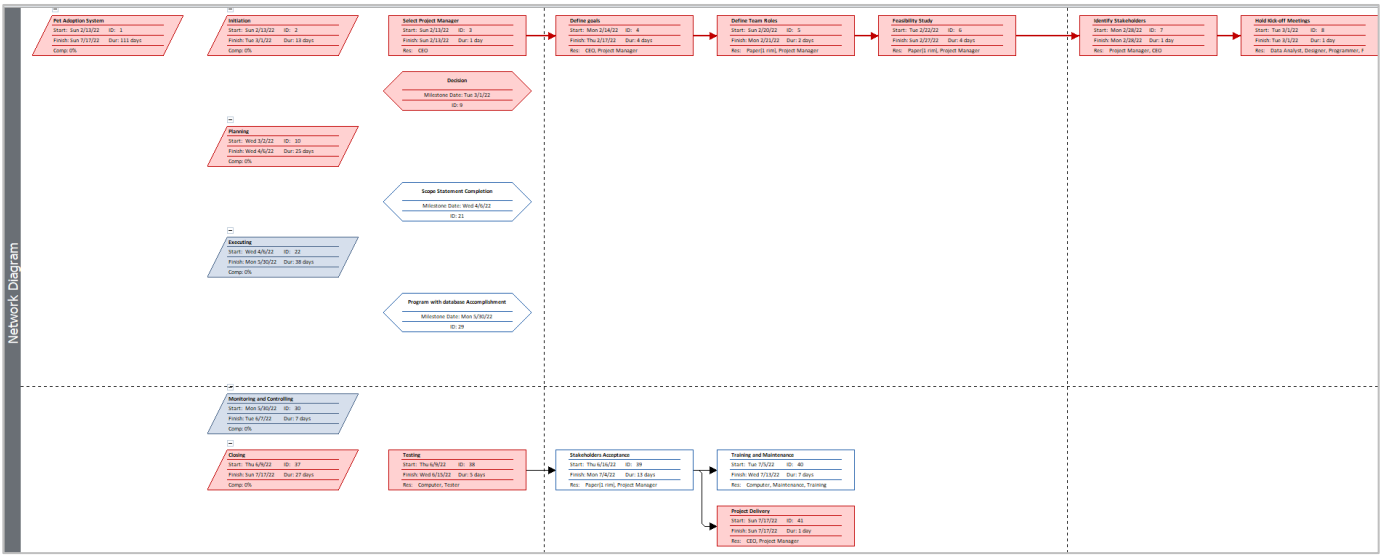
Scope Statement

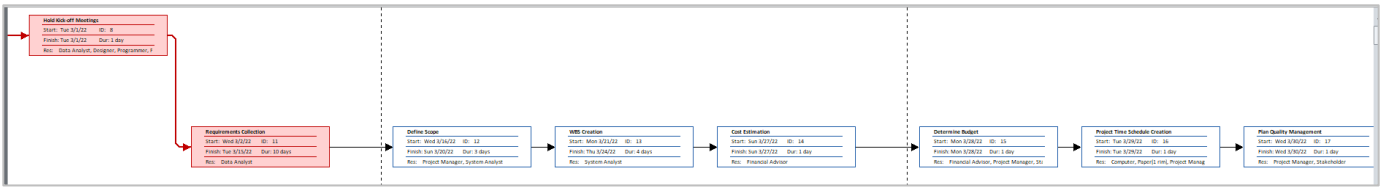
The project will require a database server to build a new database that contains the pets and supplies information, to store. Furthermore, the company will need to develop a map system software that covers the Makkah region as well as an application that provides tracking services.

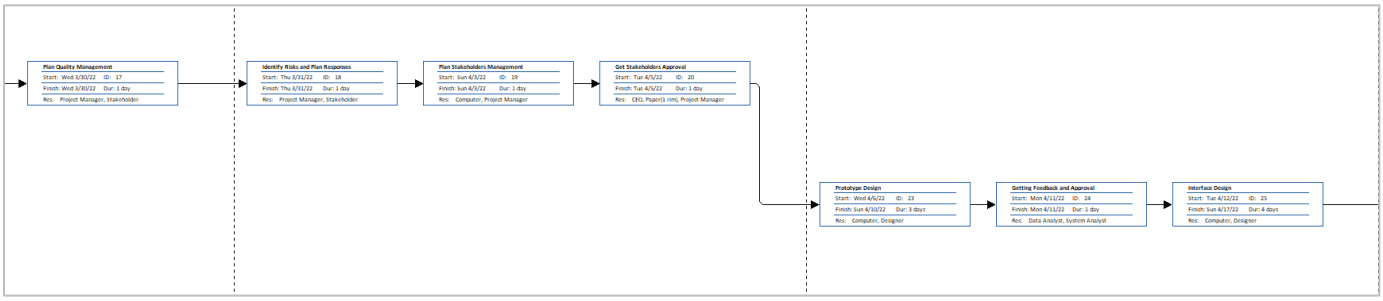
Work Breakdown Structure (WBS)

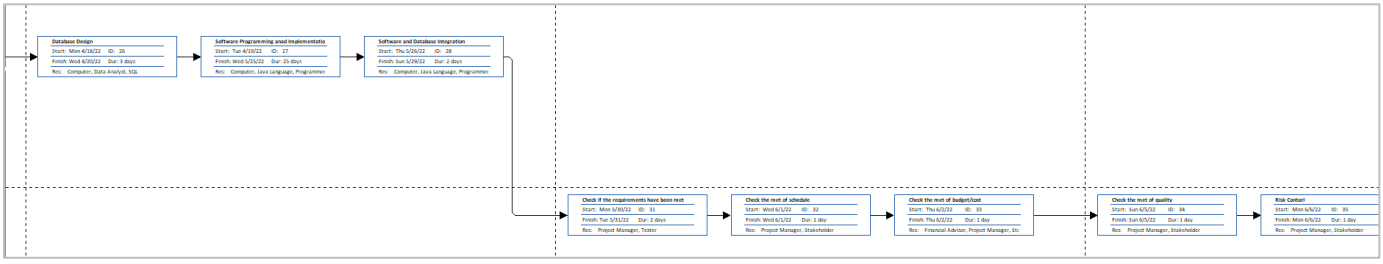


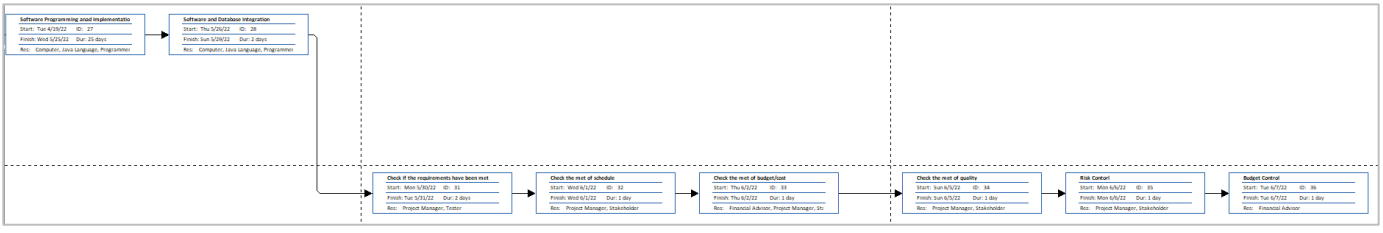
Use of Precedence Diagram Method (PDM) to construct project schedule network diagram (Project Scheduling)



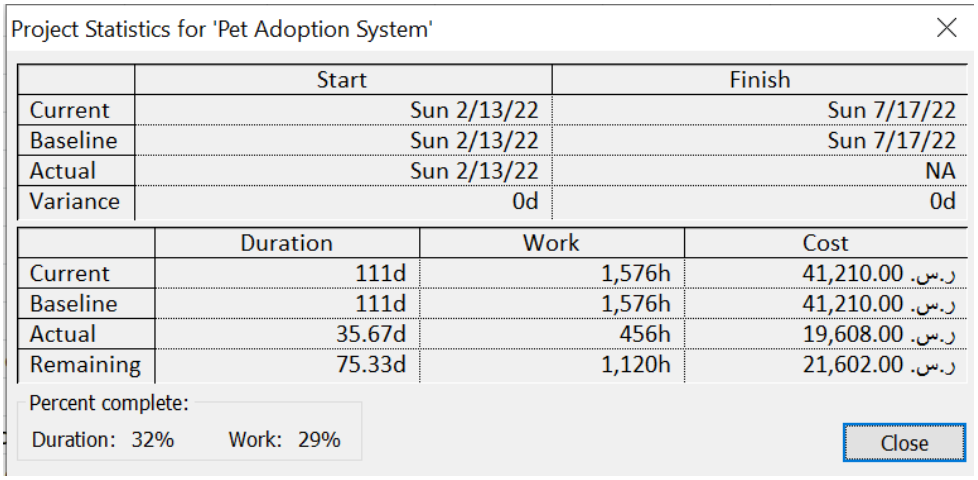








Project Cost Estimation



Project Statistics for 'Pet Adoption System'

	Start	Finish
Current	Sun 2/13/22	Sun 7/17/22
Baseline	Sun 2/13/22	Sun 7/17/22
Actual	Sun 2/13/22	NA
Variance	0d	0d

	Duration	Work	Cost
Current	111d	1,576h	41,210.00 ر.س
Baseline	111d	1,576h	41,210.00 ر.س
Actual	35.67d	456h	19,608.00 ر.س
Remaining	75.33d	1,120h	21,602.00 ر.س

Percent complete:

Duration: 32% Work: 29%

Close

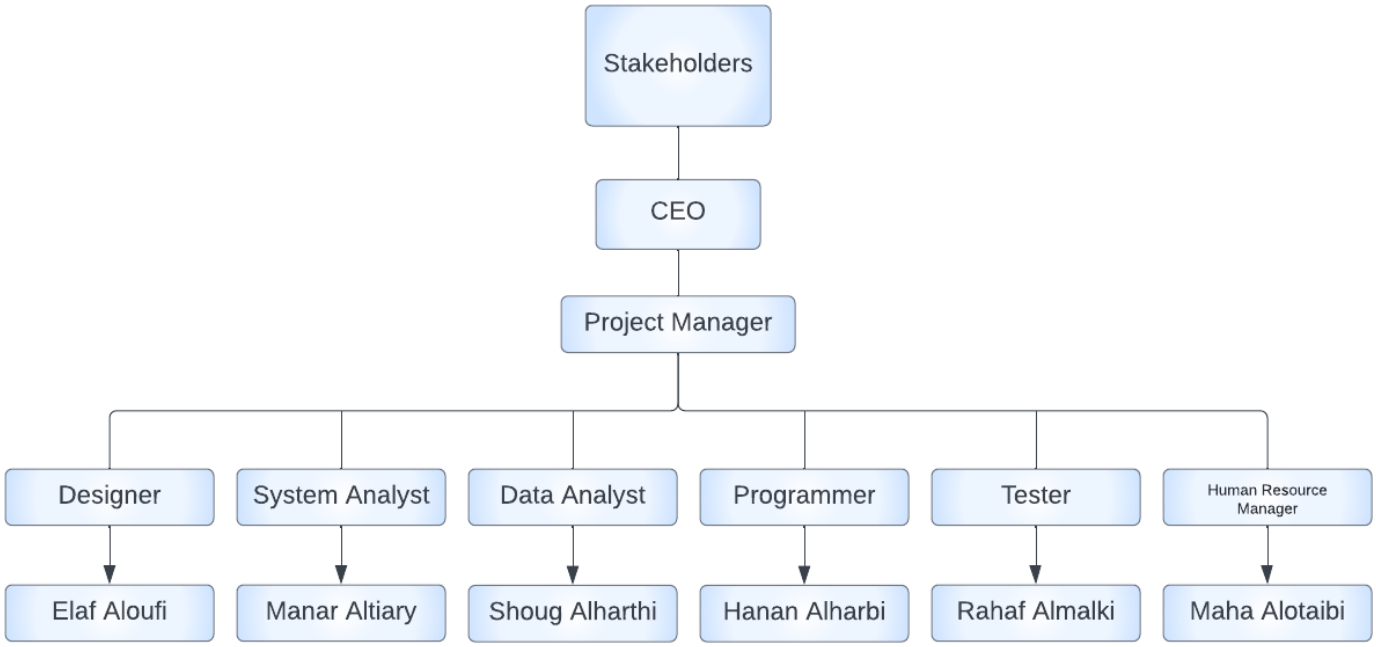
	Task Name	Fixed Cost	Fixed Cost Accrual	Total Cost	Baseline	Variance	Actual	Remaining
1	**Pet Adoption System**	**0.00 ر.س**	**Prorated**	**44,410.00 ر.س**	**32,730.00 ر.س**	**11,680.00 ر.س**	**0.00 ر.س**	**44,410.00 ر.س**
2	**Initiation**	**0.00 ر.س**	**Prorated**	**11,364.00 ر.س**	**11,364.00 ر.س**	**0.00 ر.س**	**0.00 ر.س**	**11,364.00 ر.س**
3	Select Project Manager	0.00 ر.س	Prorated	800.00 ر.س	800.00 ر.س	0.00 ر.س	0.00 ر.س	800.00 ر.س
4	Define goals	0.00 ر.س	Prorated	5,120.00 ر.س	5,120.00 ر.س	0.00 ر.س	0.00 ر.س	5,120.00 ر.س
5	Define Team Roles	0.00 ر.س	Prorated	962.00 ر.س	962.00 ر.س	0.00 ر.س	0.00 ر.س	962.00 ر.س
6	Feasibility Study	0.00 ر.س	Prorated	1,922.00 ر.س	1,922.00 ر.س	0.00 ر.س	0.00 ر.س	1,922.00 ر.س
7	Identify Stakeholders	0.00 ر.س	Prorated	1,280.00 ر.س	1,280.00 ر.س	0.00 ر.س	0.00 ر.س	1,280.00 ر.س
8	Hold Kick-off Meetings	0.00 ر.س	Prorated	1,280.00 ر.س	1,280.00 ر.س	0.00 ر.س	0.00 ر.س	1,280.00 ر.س
9	Decision	0.00 ر.س	Prorated	0.00 ر.س	0.00 ر.س	0.00 ر.س	0.00 ر.س	0.00 ر.س
10	**Planning**	**0.00 ر.س**	**Prorated**	**8,244.00 ر.س**	**6,764.00 ر.س**	**1,480.00 ر.س**	**0.00 ر.س**	**8,244.00 ر.س**
11	Requirements Collection	0.00 ر.س	Prorated	1,600.00 ر.س	1,600.00 ر.س	0.00 ر.س	0.00 ر.س	1,600.00 ر.س
12	Define Scope	0.00 ر.س	Prorated	1,920.00 ر.س	1,920.00 ر.س	0.00 ر.س	0.00 ر.س	1,920.00 ر.س
13	WBS Creation	0.00 ر.س	Prorated	640.00 ر.س	800.00 ر.س	(160.00 ر.س)	0.00 ر.س	640.00 ر.س
14	Cost Estimation	0.00 ر.س	Prorated	200.00 ر.س	200.00 ر.س	0.00 ر.س	0.00 ر.س	200.00 ر.س
15	Determine Budget	0.00 ر.س	Prorated	680.00 ر.س	0.00 ر.س	680.00 ر.س	0.00 ر.س	680.00 ر.س
16	Project Time Schedule Creation	0.00 ر.س	Prorated	482.00 ر.س	482.00 ر.س	0.00 ر.س	0.00 ر.س	482.00 ر.س
17	Plan Quality Management	0.00 ر.س	Prorated	480.00 ر.س	0.00 ر.س	480.00 ر.س	0.00 ر.س	480.00 ر.س
18	Identify Risks and Plan Responses	0.00 ر.س	Prorated	480.00 ر.س	0.00 ر.س	480.00 ر.س	0.00 ر.س	480.00 ر.س
19	Plan Stakeholders Management	0.00 ر.س	Prorated	480.00 ر.س	480.00 ر.س	0.00 ر.س	0.00 ر.س	480.00 ر.س
20	Get Stakeholders Approval	0.00 ر.س	Prorated	1,282.00 ر.س	1,282.00 ر.س	0.00 ر.س	0.00 ر.س	1,282.00 ر.س
21	Scope Statement Completion	0.00 ر.س	Prorated	0.00 ر.س	0.00 ر.س	0.00 ر.س	0.00 ر.س	0.00 ر.س

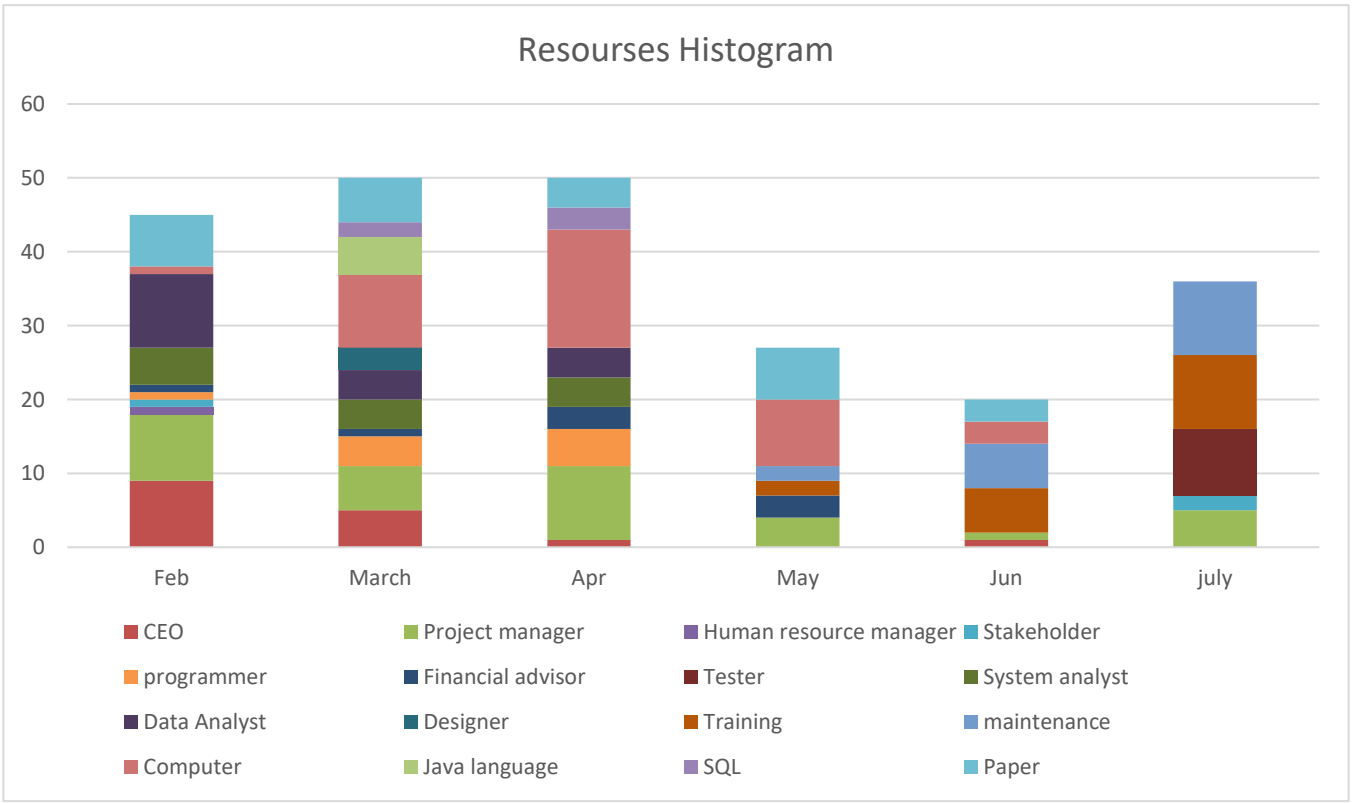
	Task Name	Fixed Cost	Fixed Cost Accrual	Total Cost	Baseline	Variance	Actual	Remaining
22	**Executing**	**0.00 ر.س**	**Prorated**	**9,680.00 ر.س**	**9,280.00 ر.س**	**400.00 ر.س**	**0.00 ر.س**	**9,680.00 ر.س**
23	Prototype Design	0.00 ر.س	Prorated	480.00 ر.س	480.00 ر.س	0.00 ر.س	0.00 ر.س	480.00 ر.س
24	Getting Feedback and Approval	0.00 ر.س	Prorated	720.00 ر.س	320.00 ر.س	400.00 ر.س	0.00 ر.س	720.00 ر.س
25	Interface Design	0.00 ر.س	Prorated	640.00 ر.س	640.00 ر.س	0.00 ر.س	0.00 ر.س	640.00 ر.س
26	Database Design	0.00 ر.س	Prorated	480.00 ر.س	480.00 ر.س	0.00 ر.س	0.00 ر.س	480.00 ر.س
27	Software Programming anad Implementation	0.00 ر.س	Prorated	6,720.00 ر.س	6,720.00 ر.س	0.00 ر.س	0.00 ر.س	6,720.00 ر.س
28	Software and Database Integration	0.00 ر.س	Prorated	640.00 ر.س	640.00 ر.س	0.00 ر.س	0.00 ر.س	640.00 ر.س
29	Program with database Accomplishment	0.00 ر.س	Prorated	0.00 ر.س	0.00 ر.س	0.00 ر.س	0.00 ر.س	0.00 ر.س
30	**Monitoring and Controlling**	**0.00 ر.س**	**Prorated**	**4,560.00 ر.س**	**1,800.00 ر.س**	**2,760.00 ر.س**	**0.00 ر.س**	**4,560.00 ر.س**
31	Check if the requirements have been met	0.00 ر.س	Prorated	1,600.00 ر.س	1,600.00 ر.س	0.00 ر.س	0.00 ر.س	1,600.00 ر.س
32	Check the met of schedule	0.00 ر.س	Prorated	640.00 ر.س	0.00 ر.س	640.00 ر.س	0.00 ر.س	640.00 ر.س
33	Check the met of budget/cost	0.00 ر.س	Prorated	840.00 ر.س	0.00 ر.س	840.00 ر.س	0.00 ر.س	840.00 ر.س
34	Check the met of quality	0.00 ر.س	Prorated	640.00 ر.س	0.00 ر.س	640.00 ر.س	0.00 ر.س	640.00 ر.س
35	Risk Contorl	0.00 ر.س	Prorated	640.00 ر.س	0.00 ر.س	640.00 ر.س	0.00 ر.س	640.00 ر.س
36	Budget Control	0.00 ر.س	Prorated	200.00 ر.س	200.00 ر.س	0.00 ر.س	0.00 ر.س	200.00 ر.س
37	**Closing**	**0.00 ر.س**	**Prorated**	**10,562.00 ر.س**	**3,522.00 ر.س**	**7,040.00 ر.س**	**0.00 ر.س**	**10,562.00 ر.س**
38	Testing	0.00 ر.س	Prorated	800.00 ر.س	800.00 ر.س	0.00 ر.س	0.00 ر.س	800.00 ر.س
39	Stakeholders Acceptance	0.00 ر.س	Prorated	8,322.00 ر.س	1,282.00 ر.س	7,040.00 ر.س	0.00 ر.س	8,322.00 ر.س
40	Training and Maintenance	0.00 ر.س	Prorated	0.00 ر.س	0.00 ر.س	0.00 ر.س	0.00 ر.س	0.00 ر.س
41	Project Delivery	0.00 ر.س	Prorated	1,440.00 ر.س	1,440.00 ر.س	0.00 ر.س	0.00 ر.س	1,440.00 ر.س
42	**Weekly Meeting**	**0.00 ر.س**	**Prorated**	**0.00 ر.س**	**0.00 ر.س**	**0.00 ر.س**	**0.00 ر.س**	**0.00 ر.س**

Staffing Procedure and Plan (HR Management)

- Design a job advertisement that includes all the skills and experience we will need for the project.
- Post the advertisement on employment-oriented websites such as LinkedIn.
- Evaluate and choose the applicants' CVs based on their skills and years of experience.
- Hold an interview for those who met the wanted requirements.
- Sign job contract with the qualified applicants that were accepted after the interview.
- Introduce employees to the job environment and project's scope.

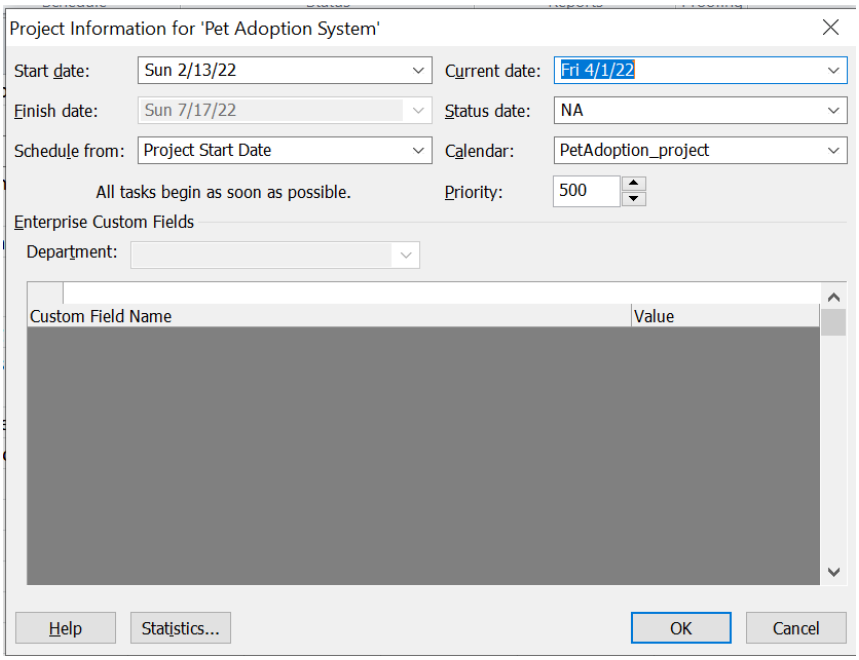
Organizational chart and histogram (HR Management)



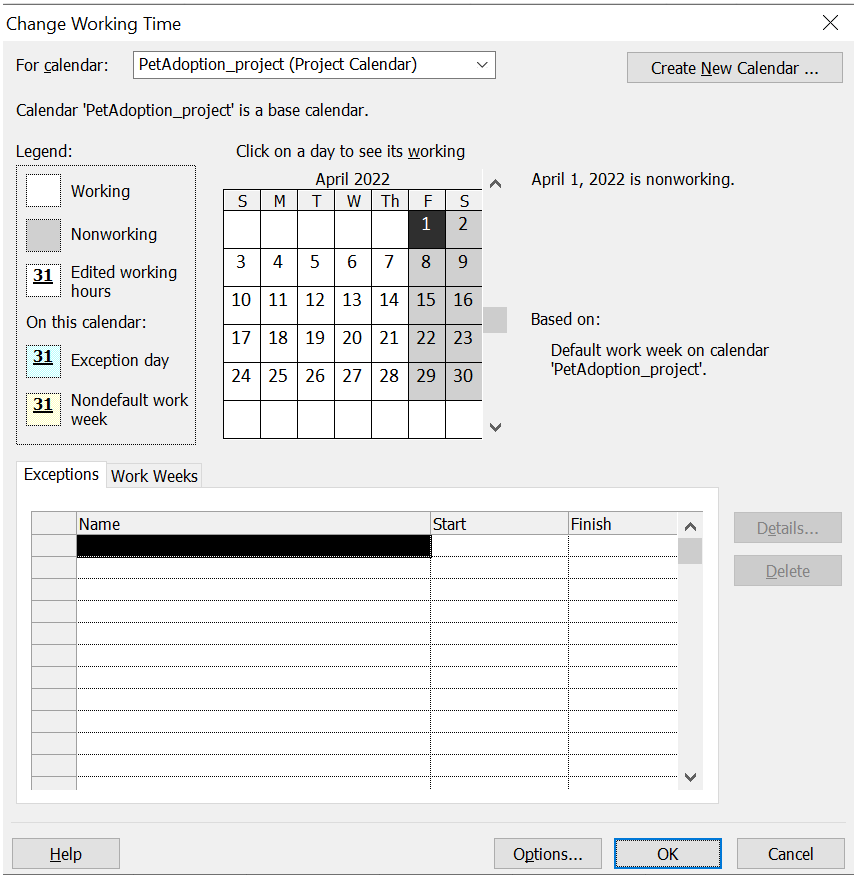


Detailed Project Schedule (MS Project)

- General project information, such as the project name and start date



- Calendar settings for the project based on the organization's work-nonwork days



- Names of summary tasks (Phases)

	Task Mod	WBS	Task Name	Duration	Start	Finish
1		1	**Pet Adoption System**	**111 days**	**Sun 2/13/22**	**Sun 7/17/22**
2		1.1	**Initiation**	**13 days**	**Sun 2/13/22**	**Tue 3/1/22**
10		1.2	**Planning**	**26 days**	**Wed 3/2/22**	**Wed 4/6/22**
22		1.3	**Executing**	**38 days**	**Thu 4/7/22**	**Mon 5/30/22**
30		1.4	**Monitoring and Controlling**	**7 days**	**Tue 5/31/22**	**Wed 6/8/22**
37		1.5	**Closing**	**27 days**	**Thu 6/9/22**	**Sun 7/17/22**
42		1.6	**Weekly Meeting**	**90.38 days**	**Mon 2/14/22**	**Mon 6/20/22**

- Names of subtasks – Task Duration

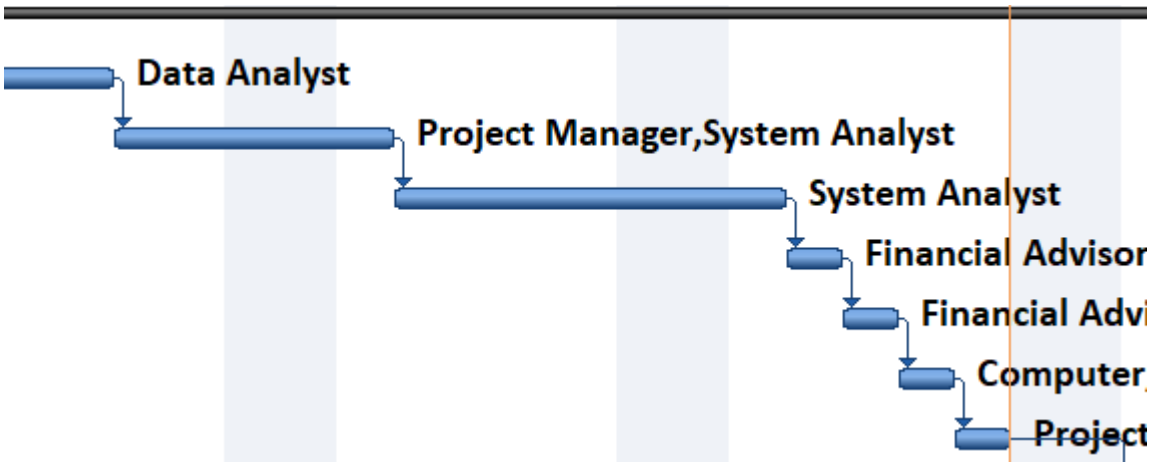
	Task Mod	WBS	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Cost
1		**1**	**Pet Adoption System**	**111 days**	**Sun 2/13/22**	**Sun 7/17/22**			**ر.س. 44,170.00**
2		**1.1**	**Initiation**	**13 days**	**Sun 2/13/22**	**Tue 3/1/22**			**ر.س. 11,364.00**
3		1.1.1	Select Project Manager	1 day	Sun 2/13/22	Sun 2/13/22		CEO	ر.س. 800.00
4		1.1.2	Define goals	4 days	Mon 2/14/22	Thu 2/17/22	3	CEO,Project Manager	ر.س. 5,120.00
5		1.1.3	Define Team Roles	2 days	Sun 2/20/22	Mon 2/21/22	4SS	Paper[1 rim],Project Manager	ر.س. 962.00
6		1.1.4	Feasibility Study	4 days	Tue 2/22/22	Sun 2/27/22	5	Paper[1 rim],Project Manager	ر.س. 1,922.00
7		1.1.5	Identify Stakeholders	1 day	Mon 2/28/22	Mon 2/28/22	6	Project Manager,CEO	ر.س. 1,280.00
8		1.1.6	Hold Kick-off Meetings	1 day	Tue 3/1/22	Tue 3/1/22	7	Data Analyst,Designer,Programmer,Project Manager,Syste	ر.س. 1,280.00
9		1.1.7	Decision	0 days	Tue 3/1/22	Tue 3/1/22		Project Manager	ر.س. 0.00
10		**1.2**	**Planning**	**26 days**	**Wed 3/2/22**	**Wed 4/6/22**			**ر.س. 8,404.00**
11		1.2.1	Requirements Collection	10 days	Wed 3/2/22	Tue 3/15/22	8	Data Analyst	ر.س. 1,600.00
12		1.2.2	Define Scope	3 days	Wed 3/16/22	Sun 3/20/22	11	Project Manager,System Analyst	ر.س. 1,920.00
13		1.2.3	WBS Creation	5 days	Mon 3/21/22	Sun 3/27/22	12	System Analyst	ر.س. 800.00
14		1.2.4	Cost Estimation	1 day	Mon 3/28/22	Mon 3/28/22	13	Financial Advisor	ر.س. 200.00
15		1.2.5	Determine Budget	1 day	Tue 3/29/22	Tue 3/29/22	14	Financial Advisor,Project Manager,Stakeholder	ر.س. 680.00
16		1.2.6	Project Time Schedule Creation	1 day	Wed 3/30/22	Wed 3/30/22	15	Computer,Paper[1 rim],Project Manager	ر.س. 482.00
17		1.2.7	Plan Quality Management	1 day	Thu 3/31/22	Thu 3/31/22	16	Project Manager,Stakeholder	ر.س. 480.00
18		1.2.8	Identify Risks and Plan Responses	1 day	Sun 4/3/22	Sun 4/3/22	17	Project Manager,Stakeholder	ر.س. 480.00
19		1.2.9	Plan Stakeholders Management	1 day	Mon 4/4/22	Mon 4/4/22	18	Computer,Project Manager	ر.س. 480.00
20		1.2.10	Get Stakeholders Approval	1 day	Wed 4/6/22	Wed 4/6/22	19FS+1 day	CEO,Paper[1 rim],Project Manager	ر.س. 1,282.00
21		1.2.11	Scope Statement Completion	0 days	Wed 4/6/22	Wed 4/6/22			ر.س. 0.00

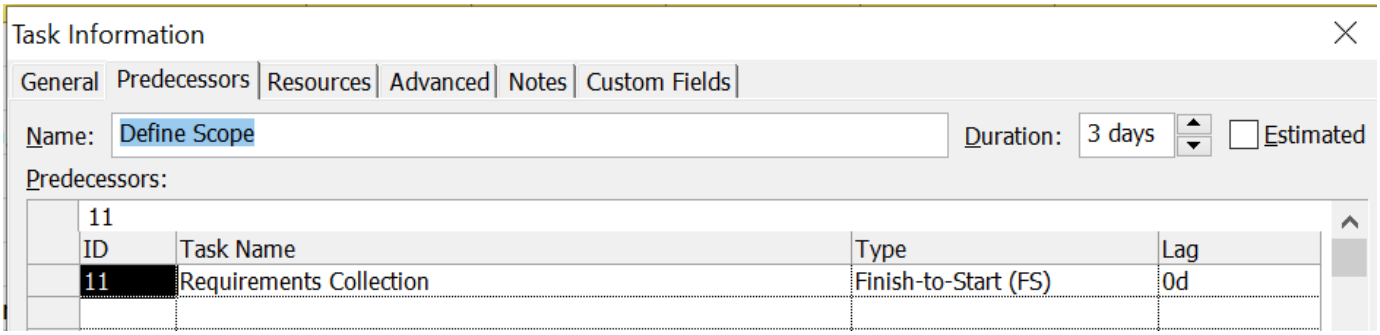
	Task Mod	WBS	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Cost
22		**1.3**	**Executing**	**38 days**	**Thu 4/7/22**	**Mon 5/30/22**			**ر.س. 9,280.00**
23		1.3.1	Prototype Design	3 days	Thu 4/7/22	Mon 4/11/22	20	Computer,Designer	ر.س. 480.00
24		1.3.2	Getting Feedback and Approval	1 day	Tue 4/12/22	Tue 4/12/22	23	Data Analyst,System Analyst	ر.س. 320.00
25		1.3.3	Interface Design	4 days	Wed 4/13/22	Mon 4/18/22	24	Computer,Designer	ر.س. 640.00
26		1.3.4	Database Design	3 days	Tue 4/19/22	Thu 4/21/22	25	Computer,Data Analyst,SQL	ر.س. 480.00
27		1.3.5	Software Programming anad Implementation	25 days	Wed 4/20/22	Thu 5/26/22	26FS-2 days	Computer,Java Language,Programmer	ر.س. 6,720.00
28		1.3.6	Software and Database Integration	2 days	Sun 5/29/22	Mon 5/30/22	27	Computer,Java Language,Programmer	ر.س. 640.00
29		1.3.7	Program with database Accomplishment	0 days	Mon 5/30/22	Mon 5/30/22			ر.س. 0.00
30		**1.4**	**Monitoring and Controlling**	**7 days**	**Tue 5/31/22**	**Wed 6/8/22**			**ر.س. 4,560.00**
31		1.4.1	Check if the requirements have been met	2 days	Tue 5/31/22	Wed 6/1/22	28	Project Manager,Tester	ر.س. 1,600.00
32		1.4.2	Check the met of schedule	1 day	Thu 6/2/22	Thu 6/2/22	31	Project Manager,Stakeholder	ر.س. 640.00
33		1.4.3	Check the met of budget/cost	1 day	Sun 6/5/22	Sun 6/5/22	32	Financial Advisor,Project Manager,Stakeholder	ر.س. 840.00
34		1.4.4	Check the met of quality	1 day	Mon 6/6/22	Mon 6/6/22	33	Project Manager,Stakeholder	ر.س. 640.00
35		1.4.5	Risk Contorl	1 day	Tue 6/7/22	Tue 6/7/22	34	Project Manager,Stakeholder	ر.س. 640.00
36		1.4.6	Budget Control	1 day	Wed 6/8/22	Wed 6/8/22	35	Financial Advisor	ر.س. 200.00
37		**1.5**	**Closing**	**27 days**	**Thu 6/9/22**	**Sun 7/17/22**			**ر.س. 10,562.00**
38		1.5.1	Testing	5 days	Thu 6/9/22	Wed 6/15/22		Computer,Tester	ر.س. 800.00
39		1.5.2	Stakeholders Acceptance	13 days	Thu 6/16/22	Mon 7/4/22	38	Paper[1 rim],Project Manager	ر.س. 8,322.00
40		1.5.3	Training and Maintenance	7 days	Tue 7/5/22	Wed 7/13/22	39	Computer,Maintenance,Training	ر.س. 0.00
41		1.5.4	Project Delivery	1 day	Sun 7/17/22	Sun 7/17/22	39FS+2 days	CEO,Project Manager	ر.س. 1,440.00
42		**1.6**	**Weekly Meeting**	**90.38 days**	**Mon 2/14/22**	**Mon 6/20/22**			**ر.س. 0.00**

- Relationships configuration between tasks (at least 2 types)

FS Type

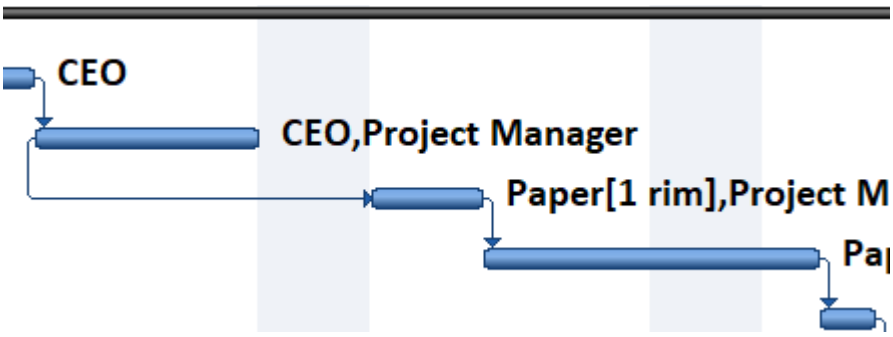
10			**1.2**	**Planning**	**26 days**	**Wed 3/2/22**	**Wed 4/6/22**	
11			1.2.1	Requirements Collection	10 days	Wed 3/2/22	Tue 3/15/22	8
12			1.2.2	Define Scope	3 days	Wed 3/16/22	Sun 3/20/22	11
13			1.2.3	WBS Creation	5 days	Mon 3/21/22	Sun 3/27/22	12
14			1.2.4	Cost Estimation	1 day	Mon 3/28/22	Mon 3/28/22	13
15			1.2.5	Determine Budget	1 day	Tue 3/29/22	Tue 3/29/22	14
16			1.2.6	Project Time Schedule Creation	1 day	Wed 3/30/22	Wed 3/30/22	15
17			1.2.7	Plan Quality Management	1 day	Thu 3/31/22	Thu 3/31/22	16
18			1.2.8	Identify Risks and Plan Responses	1 day	Sun 4/3/22	Sun 4/3/22	17
19			1.2.9	Plan Stakeholders Management	1 day	Mon 4/4/22	Mon 4/4/22	18
20			1.2.10	Get Stakeholders Approval	1 day	Wed 4/6/22	Wed 4/6/22	19FS+1 day





SS Type

2		**1.1**	**Initiation**	**13 days**	**Sun 2/13/22**	**Tue 3/1/22**	
3		1.1.1	Select Project Manager	1 day	Sun 2/13/22	Sun 2/13/22	
4		1.1.2	Define goals	4 days	Mon 2/14/22	Thu 2/17/22	3
5		1.1.3	Define Team Roles	2 days	Sun 2/20/22	Mon 2/21/22	4SS



Task Information

General | Predecessors | Resources | Advanced | Notes | Custom Fields

Name: Define Team Roles Duration: 2 days Estimated

Predecessors:

4

ID	Task Name	Type	Lag
4	Define goals	Start-to-Start (SS)	0d

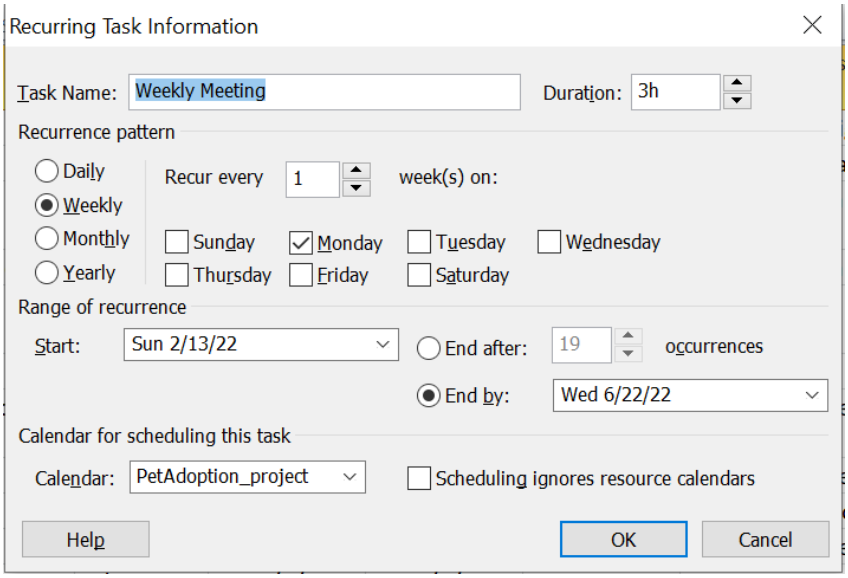
- Milestones (at least 2 milestones)

2			1.1	**Initiation**	**13 days**	**Sun 2/13/22**	**Tue 3/1/22**		
3			1.1.1	Select Project Manager	1 day	Sun 2/13/22	Sun 2/13/22		CEO
4			1.1.2	Define goals	4 days	Mon 2/14/22	Thu 2/17/22	3	CEO,Project Manager
5			1.1.3	Define Team Roles	2 days	Sun 2/20/22	Mon 2/21/22	4SS	Paper[1 rim],Project Manager
6			1.1.4	Feasibility Study	4 days	Tue 2/22/22	Sun 2/27/22	5	Paper[1 rim],Project Manager
7			1.1.5	Identify Stakeholders	1 day	Mon 2/28/22	Mon 2/28/22	6	Project Manager,CEO
8			1.1.6	Hold Kick-off Meetings	1 day	Tue 3/1/22	Tue 3/1/22	7	Data Analyst,Designer,Programmer,Project Manager,Syste
9			1.1.7	Decision	0 days	Tue 3/1/22	Tue 3/1/22		Project Manager

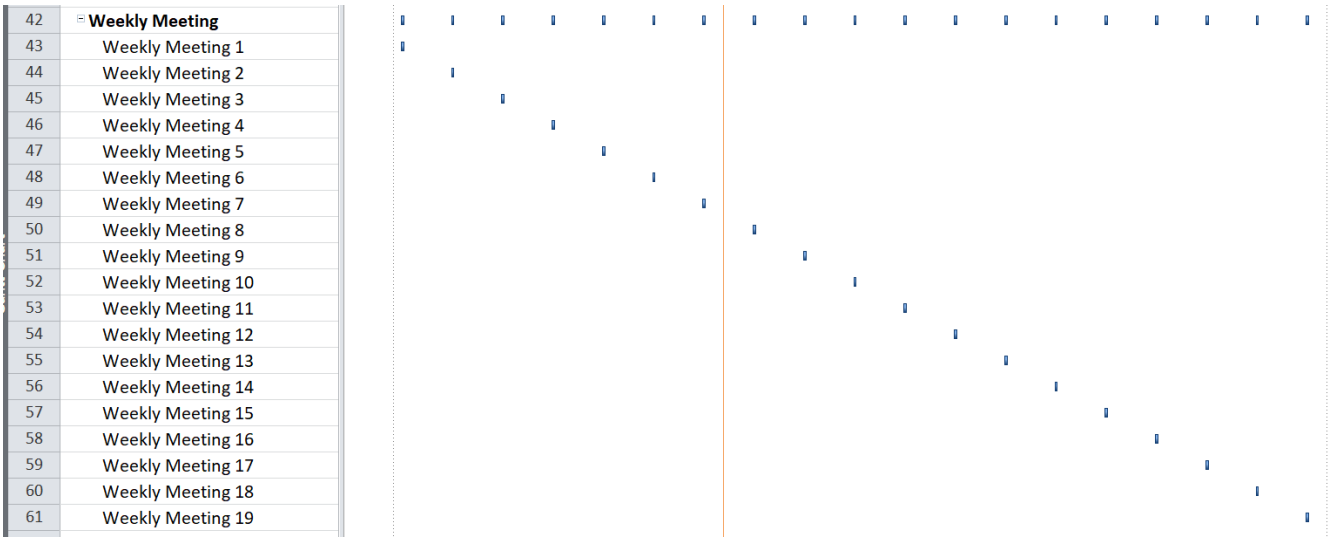
10			1.2	**Planning**	**26 days**	**Wed 3/2/22**	**Wed 4/6/22**		
11			1.2.1	Requirements Collection	10 days	Wed 3/2/22	Tue 3/15/22	8	Data Analyst
12			1.2.2	Define Scope	3 days	Wed 3/16/22	Sun 3/20/22	11	Project Manager,System Analyst
13			1.2.3	WBS Creation	5 days	Mon 3/21/22	Sun 3/27/22	12	System Analyst
14			1.2.4	Cost Estimation	1 day	Mon 3/28/22	Mon 3/28/22	13	Financial Advisor
15			1.2.5	Determine Budget	1 day	Tue 3/29/22	Tue 3/29/22	14	Financial Advisor,Project Manager,Stakeholder
16			1.2.6	Project Time Schedule Creation	1 day	Wed 3/30/22	Wed 3/30/22	15	Computer,Paper[1 rim],Project Manager
17			1.2.7	Plan Quality Management	1 day	Thu 3/31/22	Thu 3/31/22	16	Project Manager,Stakeholder
18			1.2.8	Identify Risks and Plan Responses	1 day	Sun 4/3/22	Sun 4/3/22	17	Project Manager,Stakeholder
19			1.2.9	Plan Stakeholders Management	1 day	Mon 4/4/22	Mon 4/4/22	18	Computer,Project Manager
20			1.2.10	Get Stakeholders Approval	1 day	Wed 4/6/22	Wed 4/6/22	19FS+1 day	CEO,Paper[1 rim],Project Manager
21			1.2.11	Scope Statement Completion	0 days	Wed 4/6/22	Wed 4/6/22		

22			1.3	**Executing**	**38 days**	**Thu 4/7/22**	**Mon 5/30/22**		
23			1.3.1	Prototype Design	3 days	Thu 4/7/22	Mon 4/11/22	20	Computer,Designer
24			1.3.2	Getting Feedback and Approval	1 day	Tue 4/12/22	Tue 4/12/22	23	Data Analyst,System Analyst
25			1.3.3	Interface Design	4 days	Wed 4/13/22	Mon 4/18/22	24	Computer,Designer
26			1.3.4	Database Design	3 days	Tue 4/19/22	Thu 4/21/22	25	Computer,Data Analyst,SQL
27			1.3.5	Software Programming anad Implementation	25 days	Wed 4/20/22	Thu 5/26/22	26FS-2 days	Computer,Java Language,Programmer
28			1.3.6	Software and Database Integration	2 days	Sun 5/29/22	Mon 5/30/22	27	Computer,Java Language,Programmer
29			1.3.7	Program with database Accomplishment	0 days	Mon 5/30/22	Mon 5/30/22		

- Recurring task that should be repeated once a week on Monday until the finish date.



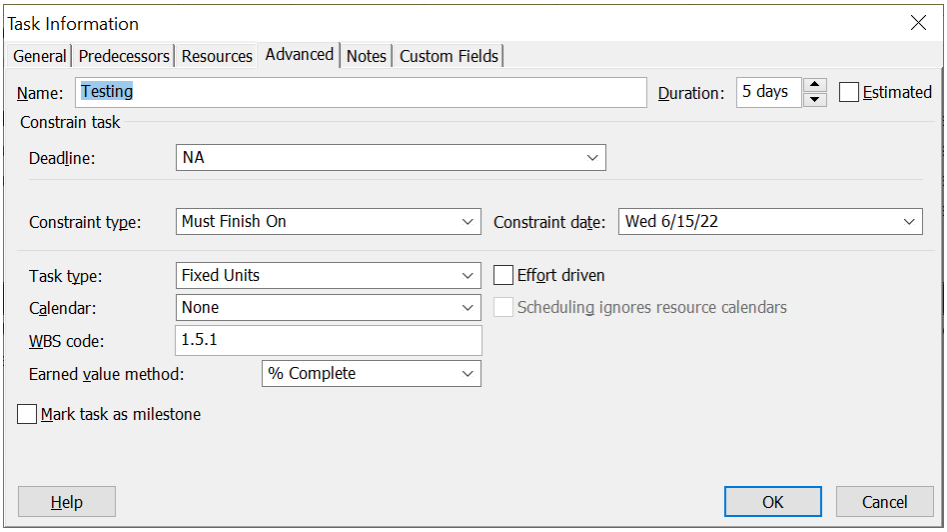
	Task Mod	WBS	Task Name	Duration	Start	Finish
42		**1.6**	**Weekly Meeting**	**90.38 days**	**Mon 2/14/22**	**Mon 6/20/22**
43		1.6.1	Weekly Meeting 1	3 hrs	Mon 2/14/22	Mon 2/14/22
44		1.6.2	Weekly Meeting 2	3 hrs	Mon 2/21/22	Mon 2/21/22
45		1.6.3	Weekly Meeting 3	3 hrs	Mon 2/28/22	Mon 2/28/22
46		1.6.4	Weekly Meeting 4	3 hrs	Mon 3/7/22	Mon 3/7/22
47		1.6.5	Weekly Meeting 5	3 hrs	Mon 3/14/22	Mon 3/14/22
48		1.6.6	Weekly Meeting 6	3 hrs	Mon 3/21/22	Mon 3/21/22
49		1.6.7	Weekly Meeting 7	3 hrs	Mon 3/28/22	Mon 3/28/22
50		1.6.8	Weekly Meeting 8	3 hrs	Mon 4/4/22	Mon 4/4/22
51		1.6.9	Weekly Meeting 9	3 hrs	Mon 4/11/22	Mon 4/11/22
52		1.6.10	Weekly Meeting 10	3 hrs	Mon 4/18/22	Mon 4/18/22
53		1.6.11	Weekly Meeting 11	3 hrs	Mon 4/25/22	Mon 4/25/22
54		1.6.12	Weekly Meeting 12	3 hrs	Mon 5/2/22	Mon 5/2/22
55		1.6.13	Weekly Meeting 13	3 hrs	Mon 5/9/22	Mon 5/9/22
56		1.6.14	Weekly Meeting 14	3 hrs	Mon 5/16/22	Mon 5/16/22
57		1.6.15	Weekly Meeting 15	3 hrs	Mon 5/23/22	Mon 5/23/22
58		1.6.16	Weekly Meeting 16	3 hrs	Mon 5/30/22	Mon 5/30/22
59		1.6.17	Weekly Meeting 17	3 hrs	Mon 6/6/22	Mon 6/6/22
60		1.6.18	Weekly Meeting 18	3 hrs	Mon 6/13/22	Mon 6/13/22
61		1.6.19	Weekly Meeting 19	3 hrs	Mon 6/20/22	Mon 6/20/22

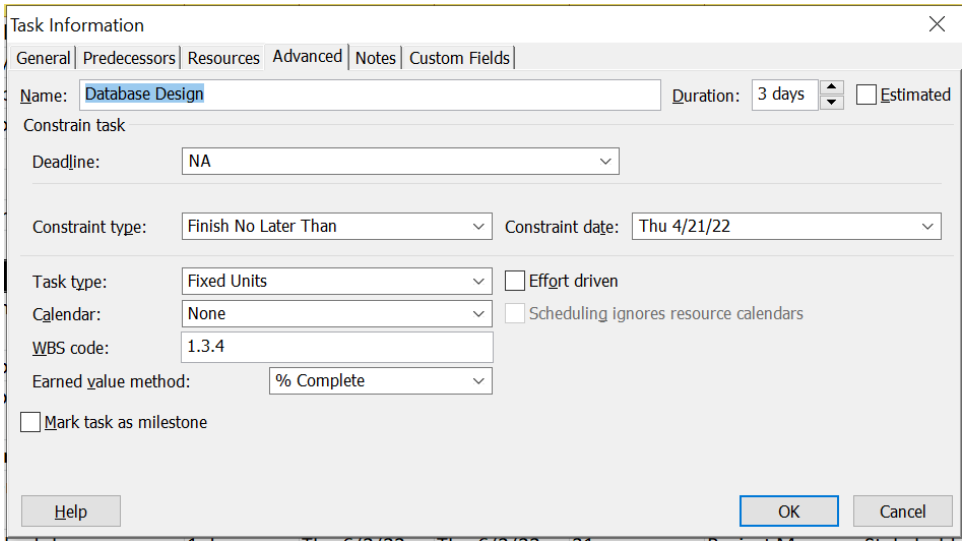


- All 3 types (work, material and cost) of resources and enter all their information in resource sheet.

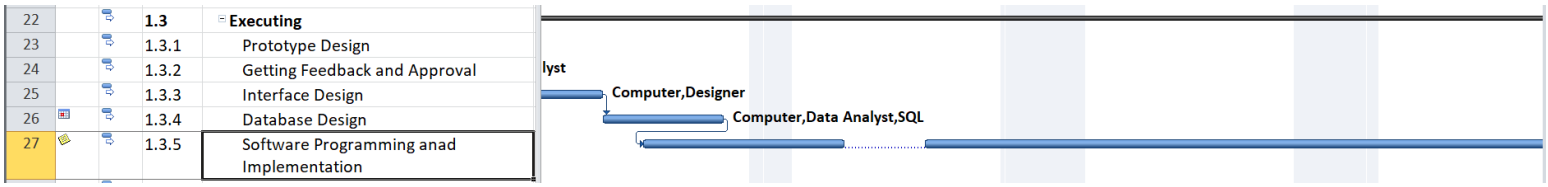
	Resource Name	Type	Material	Initials	Group	Max.	Std. Rate	Ovt. Rate	Cost/Use	Accrue At	Base Calendar
1	CEO	Work		CEO		100%	100.00 ر.س./hr	0.00 ر.س./hr	0.00 ر.س.	Prorated	PetAdoption_p
2	Project Manager	Work		PM		100%	60.00 ر.س./hr	50.00 ر.س./hr	0.00 ر.س.	Prorated	PetAdoption_p
3	Human Resource Manager	Work		H		100%	30.00 ر.س./hr	40.00 ر.س./hr	0.00 ر.س.	Prorated	PetAdoption_p
4	Stakeholder	Work		S		100%	0.00 ر.س./hr	0.00 ر.س./hr	0.00 ر.س.	Prorated	PetAdoption_p
5	Programmer	Work		PR		100%	40.00 ر.س./hr	50.00 ر.س./hr	0.00 ر.س.	Prorated	PetAdoption_p
6	Financial Advisor	Work		F		100%	25.00 ر.س./hr	0.00 ر.س./hr	0.00 ر.س.	End	PetAdoption_p
7	Tester	Work		T		100%	20.00 ر.س./hr	0.00 ر.س./hr	0.00 ر.س.	End	PetAdoption_p
8	System Analyst	Work		SA		100%	20.00 ر.س./hr	0.00 ر.س./hr	0.00 ر.س.	Prorated	PetAdoption_p
9	Data Analyst	Work		DA		100%	20.00 ر.س./hr	0.00 ر.س./hr	0.00 ر.س.	Prorated	PetAdoption_p
10	Designer	Work		D		100%	20.00 ر.س./hr	0.00 ر.س./hr	0.00 ر.س.	Prorated	PetAdoption_p
11	Training	Cost		TR						Prorated	
12	Maintenance	Cost		M						Prorated	
13	Computer	Work		C		100%	0.00 ر.س./hr	0.00 ر.س./hr	0.00 ر.س.	Prorated	PetAdoption_p
14	Java Language	Work		J		100%	0.00 ر.س./hr	0.00 ر.س./hr	0.00 ر.س.	Prorated	PetAdoption_p
15	SQL	Work		SQL		100%	0.00 ر.س./hr	0.00 ر.س./hr	0.00 ر.س.	Prorated	PetAdoption_p
16	Paper	Material	rim	P			2.00 ر.س.		0.00 ر.س.	Prorated	

- At least two tasks have constraint



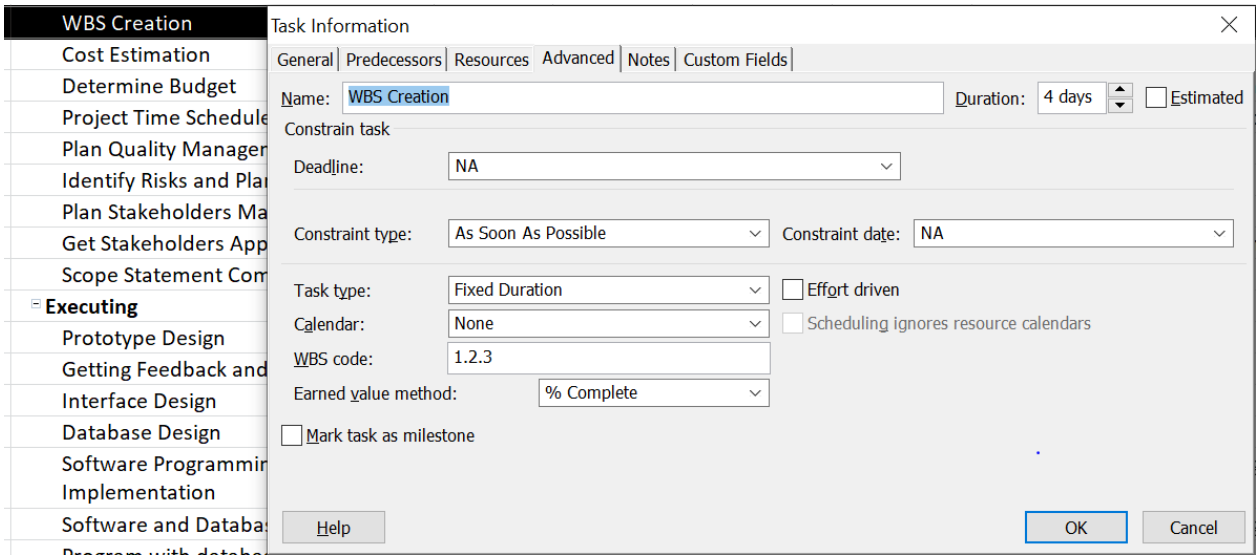


- At least one task had interrupting for two days

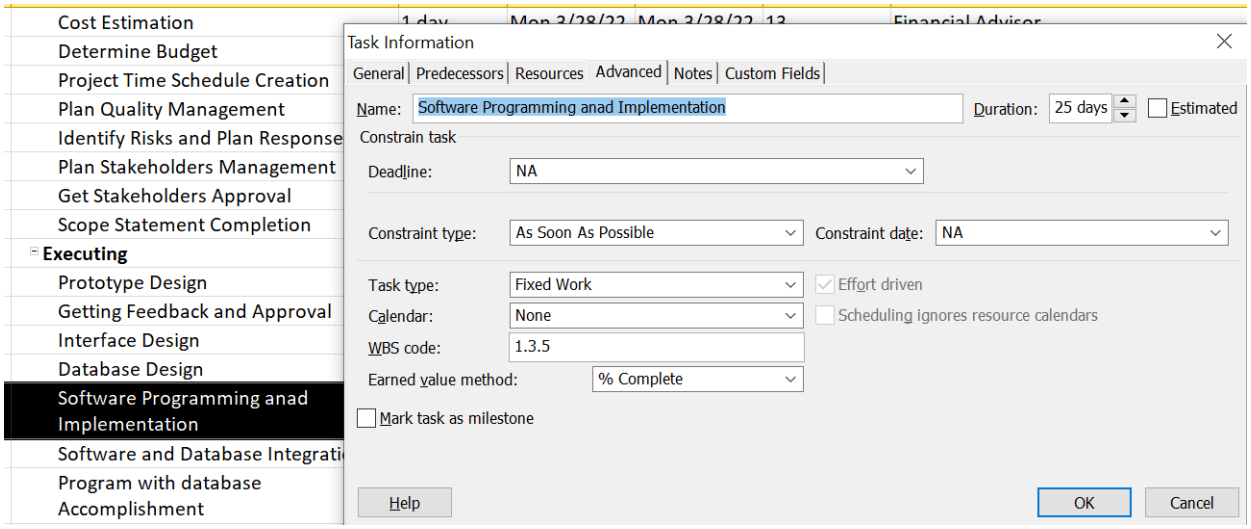


- One task with fixed duration and other task with fixed work.

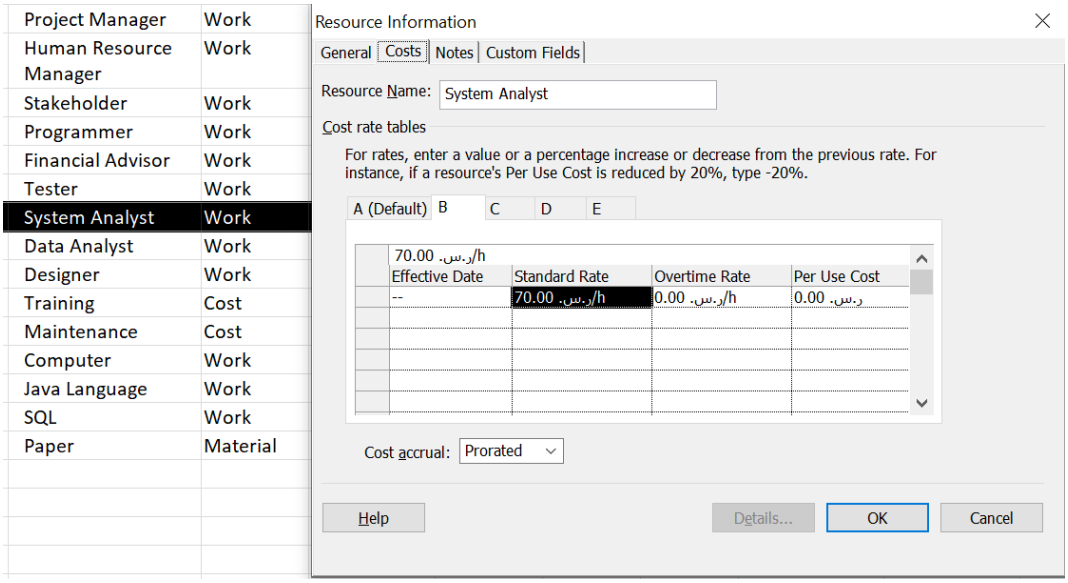
Fixed Duration

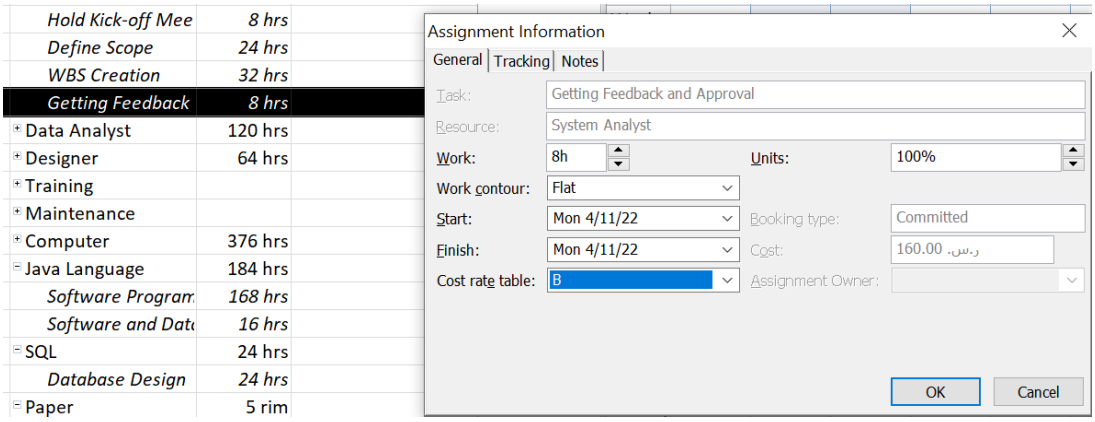


Fixed Work

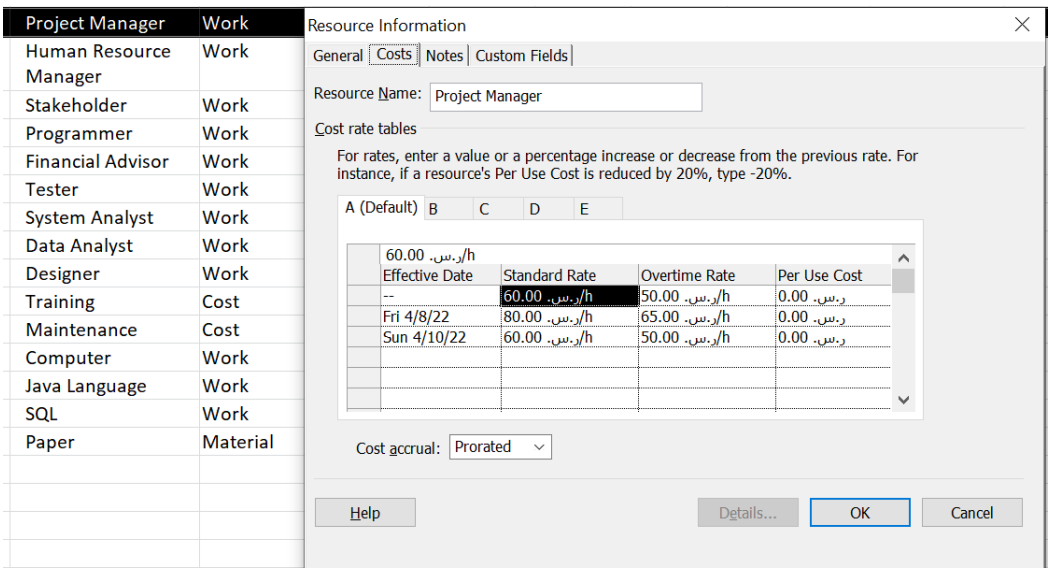


- At least one person of your resource has a multiple pay rate depend on task and you should attach these different pay rates to his tasks





- At least one person resource has a multiple pay rate depend on time



- At least two tasks have led or lag time

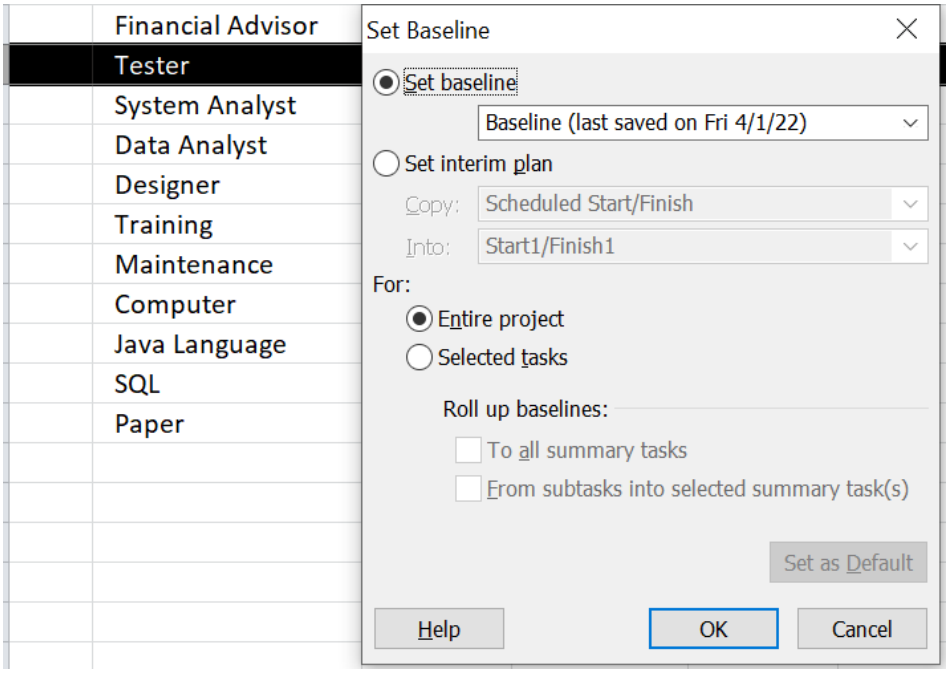
Led Time

26			1.3.4	Database Design	3 days	Mon 4/18/22	Wed 4/20/22	25
27			1.3.5	Software Programming anad Implementation	25 days	Tue 4/19/22	Wed 5/25/22	26FS-2 days

Lag Time

39			1.5.2	Stakeholders Acceptance	13 days	Thu 6/16/22	Mon 7/4/22	38
40			1.5.3	Training and Maintenance	7 days	Tue 7/5/22	Wed 7/13/22	39
41			1.5.4	Project Delivery	1 day	Sun 7/17/22	Sun 7/17/22	39FS+2 days

- The plan as a baseline



References

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Retrieved from: https://medium.muz.li/pawtner-pet-adoption-app-concept-4e84868645ff