

STC pay Digital Bank

CPIS-334 | Introduction to Software Project

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Introduction

The emergence of technology has contributed to increasing human interaction with data, specifically financial transactions. We need to ways help to pay in easy and inexpensive ways without the need to resort to the bank obtaining bank cards and making transfers manually which wastes time and cost when printing thousands of credit cards for thousands of people. STC PAY shortens the time and facilitates the payment and transfer processes. STC PAY provides an e-wallet service where people are allowed safely control their payments, and also allows individuals to transfer, receive and control all their money through one application only. There are many features that will mention in the next section.

Purpose of the Project

Within this fast-paced world, we need to purchase, transfer, or receive money from the comfort of our homes. Moreover, it is much easier to leave the house with a digital wallet on a mobile phone instead of a physical wallet. We also need a tool that facilitates us to buy within a group so we can split the bill between us, these features come with our application STC pay.

STC pay helps people to easily buy, transfer, receive money, pay bills, or even take advantage of good offers from many companies. What makes it more unique is the money split feature which let people split the bills with three different options: split equally, customize, or percentage. What is more surprising is that it aids send gifts or transfer money by number or international transfer! Also, you can send to your friend or family member "I need help" within the app and he can send you money. There are many, many things, but we just mentioned here what will catch your eye.

Goals and Objectives of the Project

Goals:

- Provide a variety of digital banking services.
- Provide a convenient and secure means of transferring and receiving payments.
- Increase customer satisfaction.
- Offer innovative solutions.
- Reduce dependency on cash.
- Provide a reliable and secure digital bank.

Objectives:

- Design a user-friendly and clear mobile app user interface.
- Analysis of the risk, threats, and problems that may occur during the project management processes.
- Offering multi-factor authentication to all users in order to verify their identity when login.
- Offering digital cards along with physical cards.
- Enable customers to manage their finances by adding money and paying bills.
- Offers diverse transforming methods, such as transforming to contacts, and local and international banks.
- Enable users to request money or send gifts to/from their friends and family member.
- Enable users to split bills.
- Create a database that stores the customer's information.

Scope Statement:

A new database with the customer's bank account information will be needed for this project. We will require a database server that performs the user-requested services in order to store the data. Besides 5G, 4G, WI-FI, or any network modems, the project also requires a reliable link server to respond to the app and the devices.

Project Charter

Project Title: STC pay system software

Project Start Date: 30-10-2022

Project Finish Date: 29-03-2023

Budget Information: The total expense is 282,750,00 SAR. (Only to software part, other cost such as salaries the banks will take this responsibilities). Most of the costs will be incurred in the creation of a Database and design for the system. The rest of work will be for the execution phases.

Project Manager:

Ghada Eissa Alsulmi, (+966) 50 999 0008, Ghada_Eissa@gmail.com

Project Objectives:

Create and design a high-security banking payment system. Besides security, the system's most feature is the user's enabled to use his STC pay in everywhere so he can really depend on her than the other original card and with more feature such as split bills between friends in the same time or gift a friend in the application. Whenever the user uses the application he is simply, needs to enter the password and user name so he can access and use the features of the STC pay .

Main Project Success Criteria:

To make the project successful, the manager should ensure that the project should Meets The following quadruple constraints:

- Scope: Cover all the untraditionally features than the other credit card that supplied by local banks
- Time: Finish the project within the estimated date of 29-03-2023.
- Cost: Finish the project without overrunning the estimated budget.
- Quality: Gain customer trust and satisfaction.

Approach:

- Obtaining approval from the Ministry of Interior to launch the project, means we need sensitive information about the user to make him access and use the application.
- Cooperation with local banks in the Kingdom of Saudi Arabia.
- Cooperation with the National Cybersecurity Authority.
- Cooperation with internationals/locals companies, stores and hospital so we can give the user of the STC pay system more offers and special discounts.
- Create a configurable user interface for the system in phones app.
- Create a database that contains all the bank's client information.

- System integration.
- Multi-test for software performance, quality, user friendly, and adaptability. As well as ensuring that the system is safe from hacks gaps.
- Deploy the system in app stores so the user can download it and start use it.
- Train the working staff with the policies of the banks in Saudi Arabia so they can so a system with government standard.

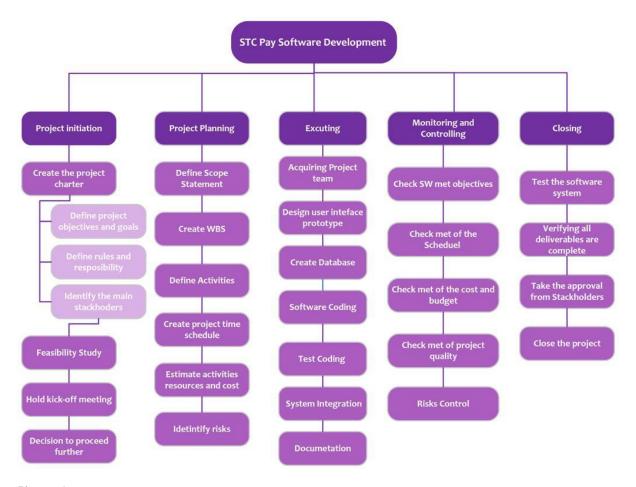
Roles and Responsibilities:

Name	Role	Position	Contact Information	
Fai hadi	Management	Project manager	Fai_Hadi @gmail.com	
Nora ahmed	Oversee the day-to-day operations	Deputy general manager	Nora_Ahmd@gmail.com	
Ziad Abdullah	Take the control of the accountant step in the app	Accountant	Ziad_Abd @gmail.com	
Hadeel Fawaz	Take the control of the Financing step in the app	Finance	Hadeel_Faw@gmail.com	
Heba Nawaf	Oversees all aspects of Cost	Cost manger	Heba_Naw @gmail.com	
Fawaz Mohammed	Database design and all DB- related roles	Database administrator	Fawaz_Moh@gmail.com	
Mai Ibrahim	Risk management	Risk manager	Mai_Ibr @gmail.com	
Abdullatif Mohsen	Training users and overseeing staff	Human resources	Latif_Mohsen@gmail.com	
Afnan Abdo	Programming	Programmer	Afnan_Ab @gmail.com	
Manar Eissa	Programming	Programmer	Manar_Eissa @gmail.com	
Hattan Hamdi	Programming	Programmer	Hattan_Hmdi @gmail.com	
Faisal Ahmed	Programming	Programmer	Fisl_Ahm@gmail.com	
Tariq Slama	Interface design	Interface designer	Tariq_Sal@gmail.com	
Sanna Naser	Interface design	Interface designer	Sanna_Nas @gmail.com	
Asherf Abdullah	Interface design	Interface designer	Asherf_Abdul@gmail.com	
Layan Omar	Data Requirement and user collection and analysis	System analyst	Layan_Omr @gmail.com	

Omar Khalid	Data Requirement and user collection and analysis	System analyst	Omar_Khl@gmail.com
Ali Faisal	Data Requirement and user collection and analysis	System analyst	Ali_Faisal@gmail.com
Raghad Ziad	Analyzing, designing, and modifying the software	Software engineer	Raghad_Zd@gmail.com
Saleh Othman	Make sure to have a high speed respond with the app software and server.	Network engineer	Saleh_Othm@gmail.com
Emad Anwer	Quality Manger	Quality Manger	Emad_Anwer@gmail.com

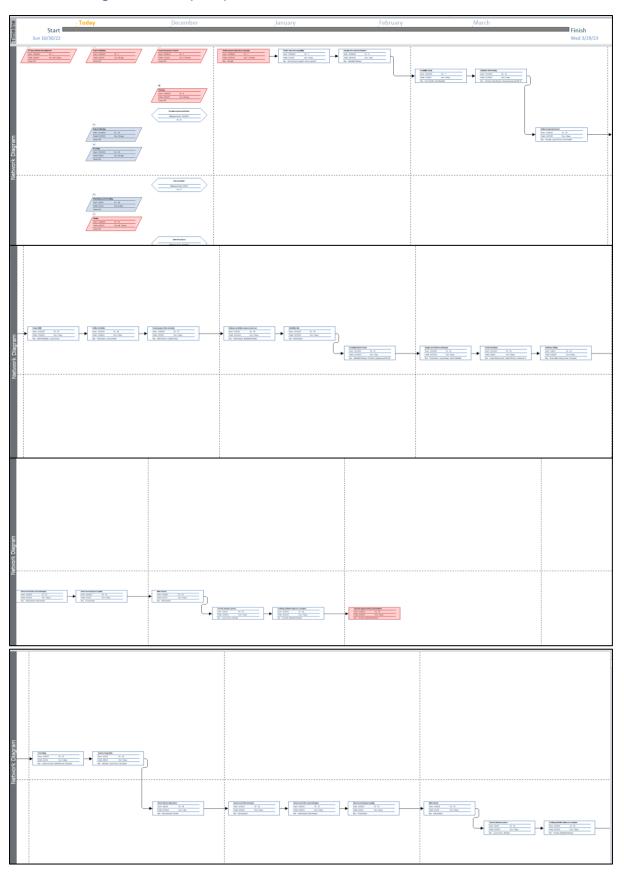
Table 1.

Work Breakdown Structure (WBS)



Figuer1:

Precedence Diagram Method (PDM)



Figuer2:

Project Cost Estimation

	Start			Finish		
Current	Su	n 10/30/22		Wed 3/29/23		
Baseline	Su	n 10/30/22		Wed 3/29/23		
Actual		NA		NA		
Variance		0d				
	Duration	Wo	rk	Cost		
Current	68.13d		1,242h	ر.س. 282,760.00		
Baseline	68.13d		1,242h	ر.س. 282,760.00		
Actual	0d		0h	ر.س. 0.00		
Remaining	68.13d		1,242h	ر.س. 282,760.00		
Percent complete:						

Remaining	Actual	Variance 🗼	Baseline	Total Cost	Fixed Cost Accrual	Fixed Cost .	Task Name	
282,760.0 0 ر.س.	ر.س. 0.00	ر.س. 0.00	ر.س. 282,760.00	ر.س. 282,760.00	Prorated	ر.س. 0.00	[□] STC pay software development	1
ر.س. 33,480.00	ر.س. 0.00	ر.س. 0.00	ر.س. 33,480.00	ر.س. 33,480.00	Prorated	ر.س. 0.00	[□] Project initiation	2
ر.س. 6,600.00			ر.س. 6,600.00	ر.س. 6,600.00	Prorated	ر.س. 0.00	© Create the project charter	3
ر.س. 2,000.00	ر.س. 0.00	ر.س. 0.00	ر.س. 2,000.00	ر.س. 2,000.00	Prorated	ر.س. 0.00	Define project objectives and	4
ر.س. 3,240.00	ر.س. 0.00	ر.س. 0.00	ر.س. 3,240.00	ر.س. 3,240.00	Prorated	ر.س. 0.00	Define rules and resposibility	5
ر.س. 1,360.00	ر.س. 0.00	ر.س. 0.00	ر.س. 1,360.00	ر.س. 1,360.00	Prorated	ر.س. 0.00	Identify the main stackhoders	6
ر.س. 12,480.00	ر.س. 0.00	ر.س. 0.00	ر.س. 12,480.00	ر.س. 12,480.00	Prorated	ر.س. 0.00	Feasibility Study	7
ر.س. 0.00	ر.س. 0.00	ر.س. 0.00	ر.س. 0.00	ر.س. 0.00	Prorated	ر.س. 0.00	™ Meeting	8
ر.س. 14,400.00	ر.س. 0.00	ر.س. 0.00	ر.س. 14,400.00	ر.س. 14,400.00	Prorated	ر.س. 0.00	Hold kick-off meeting	31
ر.س. 0.00	ر.س. 0.00	ر.س. 0.00	ر.س. 0.00	ر.س. 0.00	Prorated	ر.س. 0.00	Decision to proceed further	32
ر.س. 50,160.00	ر.س. 0.00	ر.س. 0.00	ر.س. 50,160.00	ر.س. 50,160.00	Prorated	ر.س. 0.00	[□] Project Planning	33
ر.س. 15,360.00	ر.س. 0.00	ر.س. 0.00	ر.س. 15,360.00	ر.س. 15,360.00	Prorated	ر.س. 0.00	Define Scope Statement	34
ر.س. 5,920.00	ر.س. 0.00	ر.س. 0.00	ر.س. 5,920.00	ر.س. 5,920.00	Prorated	ر.س. 0.00	Create WBS	35
ر.س. 7,200.00	ر.س. 0.00	ر.س. 0.00	ر.س. 7,200.00	ر.س. 7,200.00	Prorated	ر.س. 0.00	Define Activities	36
ر.س. 8,880.00	ر.س. 0.00	ر.س. 0.00	ر.س. 8,880.00	ر.س. 8,880.00	Prorated	ر.س. 0.00	Create project time schedule	37
ر.س. 9,600.00	ر.س. 0.00	ر.س. 0.00	ر.س. 9,600.00	ر.س. 9,600.00	Prorated	ر.س. 0.00	Estimate activities resources and cost	38
ر.س. 3,200.00	ر.س. 0.00	ر.س. 0.00	ر.س. 3,200.00	ر.س. 3,200.00	Prorated	ر.س. 0.00	Idetintify risks	39
ر.س. 38,640.00	. ر.س. 0.00	ر.س. 0.00	ر.س. 138,640.00	: ر.س. 138,640.00	Prorated	ر.س. 0.00	[□] Excuting	40
ر.س. 52,960.00	ر.س. 0.00	ر.س. 0.00	ر.س. 52,960.00	ر.س. 52,960.00	Prorated	ر.س. 0.00	Acquiring Project tear	41
ر.س. 14,400.00	ر.س. 0.00	ر.س. 0.00	ر.س. 14,400.00	ر.س. 14,400.00	Prorated	ر.س. 0.00	Design user inteface prototype	42
ر.س. 20,400.00	ر.س. 0.00	ر.س. 0.00	ر.س. 20,400.00	ر.س. 20,400.00	Prorated	ر.س. 0.00	Create Database	43
ر.س. 30,240.00	ر.س. 0.00	ر.س. 0.00	ر.س. 30,240.00	ر.س. 30,240.00	Prorated	ر.س. 0.00	Software Coding	44
ر.س. 10,080.00	ر.س. 0.00	ر.س. 0.00	ر.س. 10,080.00	ر.س. 10,080.00	Prorated	ر.س. 0.00	Test Coding	45
	ر.س. 6.66	ر.س. 6.66	ر.س. 10,580.00	ر.س. 10,580.00	Prorated	ز.س. 6.66	Test Coding	45
	ر.س. 0.00	ر.س. 0.00	ر.س. 10,560.00	ر.س. 10,560.00	Prorated	ر.س. 0.00	System Integration	46
ر.س. 0.00	ر.س. 0.00	ر.س. 0.00	ر.س. 0.00	ر.س. 0.00	Prorated	ر.س. 0.00	Documetation	47
ر.س. 24,000.00		ر.س. 0.00	ر.س. 24,000.00		Prorated	ر.س. 0.00	Monitoring and Controlling	48
ر.س. 3,200.00	ر.س. 0.00	ر.س. 0.00	ر.س. 3,200.00	ر.س. 3,200.00	Prorated	ر.س. 0.00	Check SW met object	49
ر.س. 3,200.00 ر.س. 9,600.00	ر.س. 0.00 ر.س. 0.00	ر.س. 0.00 ر.س. 0.00	ر.س. 3,200.00 ر.س. 9,600.00	ر.س. 3,200.00 ر.س. 9,600.00	Prorated Prorated	ر.س. 0.00 ر.س. 0.00	Check met of the Scho Check met of the cost and budget	50 51
ر.س. 4,800.00	ر.س. 0.00	ر.س. 0.00	ر.س. 4,800.00	ر.س. 4,800.00	Prorated	ر.س. 0.00	Check met of project quality	52
ر.س. 3,200.00	ر.س. ٥٠.٥٥	ر.س. 0.00	ر.س. 3,200.00	ر.س. 3,200.00	Prorated	ر.س. 0.00	Risks Control	53
ر.س. 36,480.00		ر.س. 0.00	ر.س. 36,480.00	,	Prorated	ر.س. 0.00	® Closing	54
ر.س. 24,640.00	ر.س. 0.00	ر.س. 0.00	ر.س. 24,640.00	ر.س. 24,640.00	Prorated		Test the software sys	55
ر.س. 5,920.00	ر.س. 0.00	ر,س. 0.00	ر.س. 5,920.00	ر.س. 5,920.00	Prorated	ر.س. 0.00	Verifying all deliverables are	56
ر.س. 5,920.00	ر.س. 0.00	ر,س. 0.00	ر.س. 5,920.00	ر.س. 5,920.00	Prorated	ر.س. 0.00	Take the approval from Stackholders	57
ر.س. 0.00	ر.س. 0.00	ر.س. 0.00	ر.س. 0.00	ر.س. 0.00	Prorated	ر.س. 0.00	Close the project	58

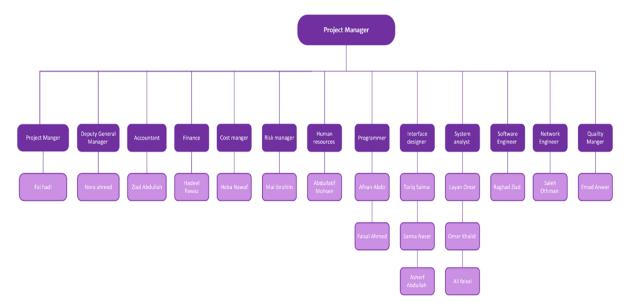
Figuer3:

Staffing Procedure and Plan (HR Management)

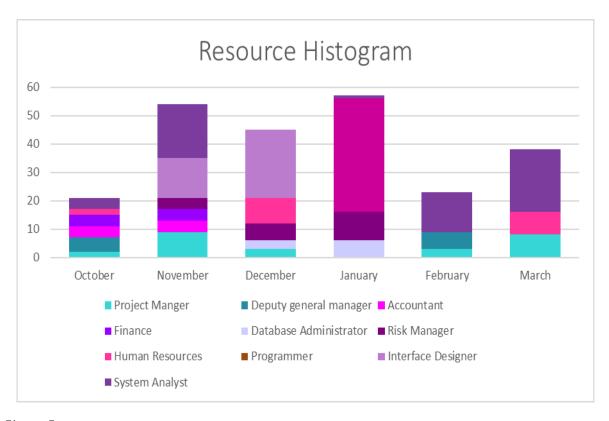
- Estimating the types and number of employees needed for the project.
- Design a recruitment advertisement for the available jobs, including a description of the required skills and experience.
- Post the recruitment advertisement through social media, newspapers, and Linkedin.
- Select suitable candidates for various jobs by evaluating the candidates' applications, interviews, and employment tests.
- Place the new employee in the right position by training them if needed or transferring to some other job.
- Introducing new employees to the project scope and environment.

Organizational chart and histogram (HR Management):

Organizational Chart



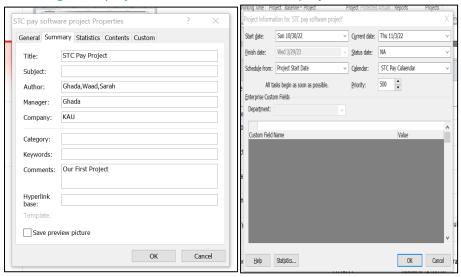
Figuer4:



Figuer5:

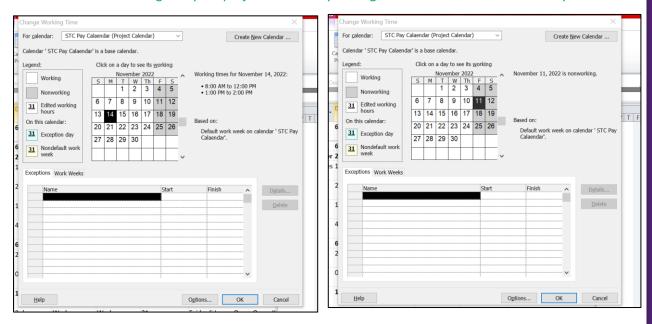
Detailed project schedule (MS project)

1- Enter general project information, such as the project name and start date



Figuer6:

2- Make calendar settings for your project based on your organization's work & nonwork days.



Figuer7:

3- Enter the names of summary tasks (Phases)

	0	Mode	Task Name	Duration 🗼	Start	Finish
1	4	3	STC pay software development	68.63 days	Sun 10/30/22	Thu 3/30/23
2	4	3	■ Project initiation	66 days	Sun 10/30/22	Sun 3/26/23
33	4	P →	[®] Project Planning	13 days	Wed 11/16/22	Thu 12/15/22
40	4	3	■ Excuting	25 days	Thu 12/15/22	Thu 2/9/23
48	4	3	Monitoring and Controlling	11 days	Thu 2/9/23	Tue 3/7/23
54	4	3	[®] Closing	68.63 days	Sun 10/30/22	Thu 3/30/23

Figuer8:

4- Enter the names of subtasks

5- Set the tasks duration

	6	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1	4	3	STC pay software development	68.63 days	Sun 10/30/22	Thu 3/30/23		
2	4	3	Project initiation	66 days	Sun 10/30/22	Sun 3/26/23		
3	¢.	3	☐ Create the project charter	2.63 days	Sun 10/30/22	Thu 11/3/22		
4	₩ 🚣	3	Define project objectives and goals	1.25 days	Sun 10/30/22	Mon 10/31/22		Fai hadi
5	<u>e</u>	R ₃	Define rules and resposibility	2 days	Sun 10/30/22	Thu 11/3/22	4SS	Nora ahmed,paper[1 ream],pens[5]
6	-	3	Identify the main stackhoders	1 day	Sun 10/30/22	Mon 10/31/22	5SS	Abdullatif Mohsen
7	<u>-</u>	\$	Feasibility Study	4 days	Mon 10/31/22	Wed 11/9/22	6	Omar Khalid ,Ziad Abdullah
8	€	3	[™] Meeting	66 days	Sun 10/30/22	Sun 3/26/23		
31	4	=	Hold kick-off meeting	2 days	Sun 11/13/22	Wed 11/16/22	7FS+1 day	Fai hadi,Heba Nawaf,travel expenses [8,000.00 .س.]
32	<u>-</u>	100	Decision to proceed further	0 days	Sun 10/30/22	Sun 10/30/22		
33	4	P ≎	[□] Project Planning	13 days	Wed 11/16/22	Thu 12/15/22		
34	4		Define Scope Statement	3 days	Wed 11/16/22	Wed 11/23/22	31	Fai hadi,Layan Omar,Omar Khalid
35	Pa		Create WBS	2 days	Wed 11/23/22	Mon 11/28/22	34	Asherf Abdullah ,Layan Omar
36	Pa	1 00	Define Activities	3 days	Tue 11/22/22	11/28/22	35FF	Tariq Salma ,Sanna Naser
37	2	lo lo	Create project time schedule	3 days	Mon 11/28/22	Mon 12/5/22		Mai Ibrahim,Hadeel Fawaz
38	4	P)	Estimate activities resources and cost	3 days	Mon 12/5/22	12/12/22	37	Heba Nawaf,Abdullatif Mohsen
39		3	Idetintify risks	2 days		Thu 12/15/22		Mai Ibrahim
39	<u>4</u>	3	Idetintify risks	2 days		Thu 12/15/22	38	Mai Ibrahim
40	4	3	□ Excuting	25 days	Thu 12/15/2		20	ALL HERSALL FOR INC.
41	4	3	Acquiring Project team	1 day		Mon 12/19/22		Abdullatif Mohsen, Fai hadi, trainir
42	9	3	Design user inteface prototype	4 days	Mon 12/19/22	Tue 12/27/22		Tariq Salma ,Sanna Naser,Asherf Abdullah Fawaz Mohammed ,Saleh Othma
44	4	3	Create Database Software Coding	5 days 9 days	Tue 12/27/22 Sun 1/8/23	Thu 1/26/23	42 43	Afnan Abdo, Manar Eissa, Comput
45	<u>-</u>	3	Test Coding	3 days	1.1	Thu 2/2/23	44	Hattan Hamdi,Faisal Ahmed,Com
46	<u>-</u>	=	System Integration	3 days	Thu 2/2/23	Thu 2/9/23	45	Ali faisal,Layan Omar,Computer
47		3	Documetation	0 days	Thu 2/9/23	Thu 2/9/23		Raghad Ziad ,Omar Khalid
48	<u>-</u>	3	☐ Monitoring and Controlling ☐ Monitoring A		Thu 2/9/23			,
49	<u>a</u>	3	Check SW met objectives		Thu 2/9/23	Mon 2/13/23	46	Nora ahmed,Fai hadi
50	<u>-</u>	3	Check met of the Scheduel	2 days		Thu 2/16/23		Nora ahmed
51	2	3	Check met of the cost and budget	3 days	Thu 2/16/23	Thu 2/23/23	50	Heba Nawaf,Mai Ibrahim
52	9	3	Check met of project quality	3 days	Thu 2/23/23	Wed 3/1/23	51	Emad Anwer
53	4	3	Risks Control	2 days	Thu 3/2/23	Tue 3/7/23	52	Mai Ibrahim
54	4	3	[□] Closing	68.63 days	Sun 10/30/22	Thu 3/30/23		
<i>55</i>	4	3	Test the software system	7 days	Tue 3/7/23	Wed 3/22/23	53	Layan Omar,Ali faisal
56	4	3	Verifying all deliverables are complete	2 days		Mon 3/27/23		Fai hadi,Abdullatif Mohsen
57		P .	Take the approval from Stackholders	2 days		Thu 3/30/23	56	Fai hadi,Abdullatif Mohsen
58	4	3	Close the project	0 days	Sun 10/30/22	Sun 10/30/22		Fai hadi

6- Configure the relationships between subtasks (at least 2 types)

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3	€	3	[®] Meeting	66 days	Sun 10/30/22	Sun 3/26/23		
1	4	P.	Hold kick-off meeting	2 days	Sun 11/13/22	Wed 11/16/22	7FS+1 day	Fai hadi,Heba Nawaf,travel expenses [8,000.00 ر.س.]
2	4	B	Decision to proceed	0 days	Sun 10/30/22	Sun 10/30/22		

- SS

)	-	3	☐ Project initiation	66 days	Sun 10/30/22	Sun 3/26/23		
3	4	3	•	2.63 days		Thu 11/3/22		
4	= Q	4	Define project objectives and goals	1.25 days	Sun 10/30/22	Mon 10/31/22		Fai hadi
,	<u>e</u>	-	Define rules and resposibility	2 days	Sun 10/30/22	Thu 11/3/22	4SS	Nora ahmed,paper[1 ream],pens[5]
6	<u>a</u>	B	Identify the main stackhoders	1 day	Sun 10/30/22	Mon 10/31/22	5SS	Abdullatif Mohsen

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33	4	To a	[□] Project Planning	13 days	Wed 11/16/22	Thu 12/15/22		
3 4	4	B	Define Scope Statement	3 days	Wed 11/16/22	Wed 11/23/22	31	Fai hadi,Layan Omar,Omar Khalio
<i>35</i>	<u>a</u>	D	Create WBS	2 days	Wed 11/23/22	Mon 11/28/22	34	Asherf Abdullah ,Layan Omar
36	<u>-</u>	-	Define Activities	3 days	Tue 11/22/22	Mon	35FF	Tariq Salma ,Sanna Naser

Figuer10:

7- Configure the relationships between the summary task

	6	Mode	Task Name	Duration 💂	Start	Finish	Predecessors 🕌
1	4	3	STC pay software development	124 days	Sun 10/30/22	Wed 8/2/23	
2	4	3	■ Project initiation	66 days	Sun 10/30/22	Sun 3/26/23	
33	4	R)	[®] Project Planning	13 days	Sun 3/26/23	Mon 4/24/23	2
40	4	3	■ Excuting	25 days	Mon 4/24/23	Mon 6/19/23	33
48	4	R)	Monitoring and Controlling	9 days	Mon 6/19/23	Sun 7/9/23	40
54	4	₽ò	[®] Closing	11 days	Sun 7/9/23	Wed 8/2/23	48

Figuer11:

8- The project should contain some Milestones (at least 2 milestones)

40	4	3	■ Excuting	25 days	Thu 12/15/22	Thu 2/9/23		
41	<u>-</u>	3	Acquiring Project team	1 day	Thu 12/15/22	Mon 12/19/22	39	Abdullatif Mohsen,Fai hadi,trainin
42	2	Ph .	Design user inteface prototype	4 days	Mon 12/19/22	Tue 12/27/22	41	Tariq Salma ,Sanna Naser,Asherf Abdullah
43	4	3	Create Database	5 days	Tue 12/27/22	Sun 1/8/23	42	Fawaz Mohammed ,Saleh Othmar
44	4	3	Software Coding	9 days	Sun 1/8/23	Thu 1/26/23	43	Afnan Abdo, Manar Eissa, Compute
45	4	3	Test Coding	3 days	Sun 1/29/23	Thu 2/2/23	44	Hattan Hamdi, Faisal Ahmed, Comp
46	4	5	System Integration	3 days	Thu 2/2/23	Thu 2/9/23	45	Ali faisal,Layan Omar,Computer
47	=	3	Documetation	0 days	Thu 2/9/23	Thu 2/9/23		Raghad Ziad ,Omar Khalid
48	2	3	* Monitoring and Controlling	11 days	Thu 2/9/23	Tue 3/7/23		
54	4	3	☐ Closing	68.63 days	Sun 10/30/22	Thu 3/30/23		
55	4	3	Test the software system	7 days	Tue 3/7/23	Wed 3/22/23	53	Layan Omar,Ali faisal
56	<u></u>	Ph	Verifying all deliverables are complete	2 days	Wed 3/22/23	Mon 3/27/23	55	Fai hadi,Abdullatif Mohsen
57	¹	3	Take the approval from Stackholders	2 days	Mon 3/27/23	Thu 3/30/23	56	Fai hadi,Abdullatif Mohsen
58	4	3	Close the project	0 days	Sun 10/30/22	Sun 10/30/22		Fai hadi

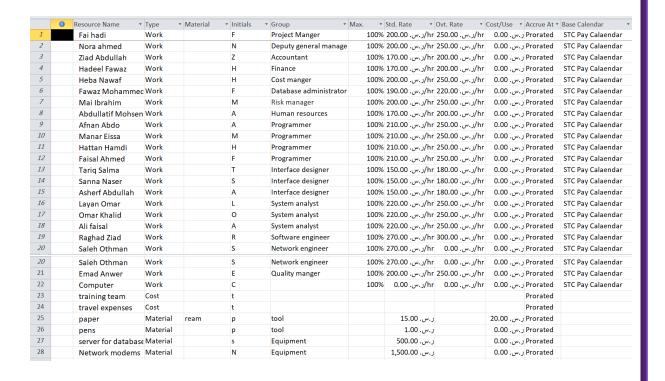
Figuer12:

9- The project should contain a recurring task that should be repeated once a week on Monday until the finish date

<u>T</u> ask Name:	Meeting Duration: 1d
Recurrence p	attern
○ Dai <u>l</u> y ● <u>W</u> eekly	Recur every 2 week(s) on:
○ Mont <u>h</u> ly ○ <u>Y</u> early	✓ Sun <u>d</u> ay <u>Monday</u> T <u>u</u> esday <u>We</u> dnesday ✓ Thu <u>r</u> sday <u>Friday</u> S <u>a</u> turday
Range of rec	urrence
<u>S</u> tart:	Sun 10/30/22 End after: 22 occurrences
	● End <u>b</u> y: Wed 3/29/23
Calendar for	scheduling this task
Calendar:	STC Pay Calaendar Scheduling ignores resource calendars

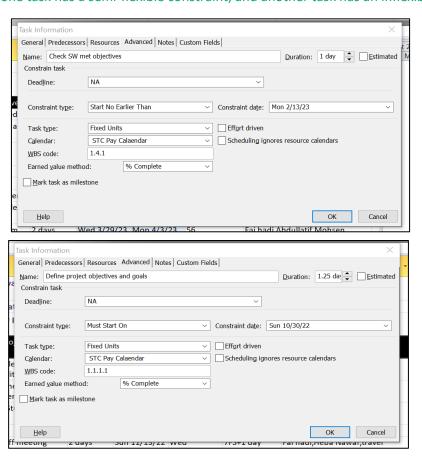
Figuer13:

10- The project should contain all 3 types (work, material, and cost) of resources and enter all their information in the resource sheet.



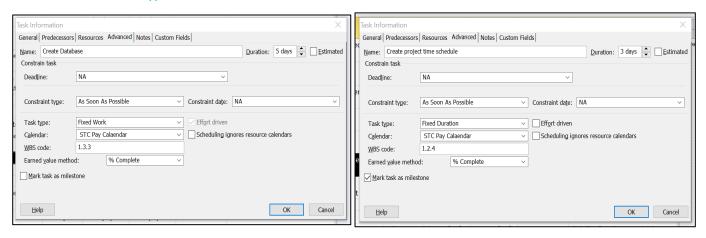
Figuer14:

11- At least one task has a semi-flexible constraint, and another task has an inflexible constraint.



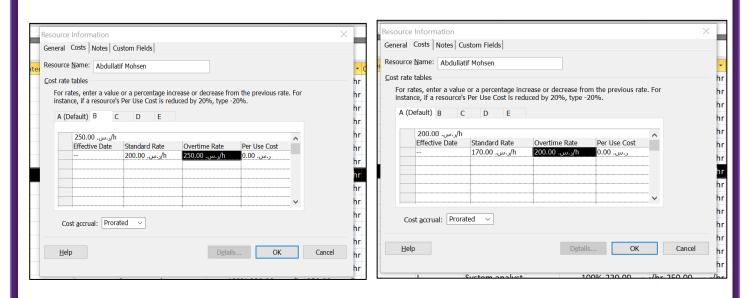
Figuer15:

12- Set the type of one task as fixed duration and the other task as fixed work.



Figuer16:

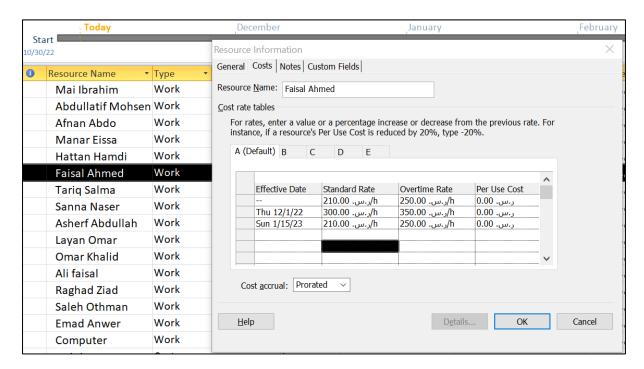
13- At least one person in your resource has a multiple pay rate depending on the task and you should attach these different pay rates to his tasks.



☐ Define Activities	48 hr	s 3 davs	Tue 11/22/2	2 Mon 1	1/28/22 Work		
Tariq Salma	2 Assignment Information						×
Sanna Naser	2 General Tracking Notes						
☐ Create project time so	4 Las						
Hadeel Fawaz	2 Res	source:	Abdullatif Mohsen				
Mai Ibrahim	2 Wo		24h		Units:	100%	-
Estimate activities res	4	rk contour:	Flat		<u>o</u> mo.		
Heba Nawaf	2	_				Committed	
Abdullatif Mohsen	2 <u>S</u> ta	rt:	Mon 12/5/22	~	Booking type:		
☐ Idetintify risks	1 Eini	ish:	Mon 12/12/22	>~	Cost:	ر.س. 4,800.00	
Mai Ibrahim	1 Cos	st rat <u>e</u> table:	В	~	<u>A</u> ssignment Owner:		~
□ Excuting	55						
□ Acquiring Project tear	1						
Fai hadi							
Abdullatif Mohsen						OK	Cancel
training team			Thu 12/15/2	2 Mon 1.	<i>2/19/22</i> Work		

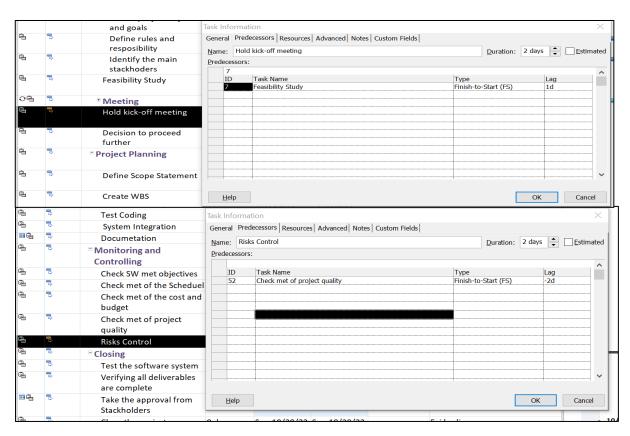
Figuer17:

14- At least one person resource has a multiple pay rate depending on time.



Figuer18:

15- At least one task has a lead, and another task has a lag time.



Figuer19

References:

Giraud, A. (2022, October 27). تطبيق ياخنك أبعد Stc Pay. https://stcpay.com.sa/ar/