

Official project name: *The best product*

Project team:

- | | |
|------------------------------|-------------|
| 1. Kamel Barakat Mohamed. | Section(2). |
| 2. Karim Adel abd-elnaseer. | Section(2). |
| 3. Karim Mohamed gouda . | Section(2). |
| 4. Karim Ahmed Mohy-Eldein . | Section(4). |
| 5. Kerolos Daoud adly shokr. | Section(4). |

-Project charter:

Project sponsor: *Business man*

Project manager: *Kamel Barakat .*

Purpose of the project: Marketing

Business case

This program is designed to facilitate the marketing process for customers where it can compare all the products so that the customer can choose the best for him and thus this site can provide comfort, time , and all the requirements for the client

Project scope

1-The site asks the customer the name of the product they want to know its details

2-the site displays to the customer companies and sites that contain this product

3- The site compares the price of the product in all sites and companies and then displays the best price

Key deliverables

Website will work on both computer, android and IOS .

Project resources

- Staff : 2 web developers , 1 front end developer,1 Software Engineer,1 IT engineer
- Hardware : 3 laptops , 1 server

Budget

- budget allocated for this project is 2000\$

Constraints

- This project must be delivered within the specified budget .
- This project must be delivered on 1/1/2022
- Any product needed must be bought from this web site

Assumptions (required event must be occur every fixed period)

- will get all resources products.
- Every month we will update for this site .
- Team must finish the project on specific time.

High level risks

- Hacked the site
- Lack of a good comparison between products
- The site misunderstand requirements
- Not available products images

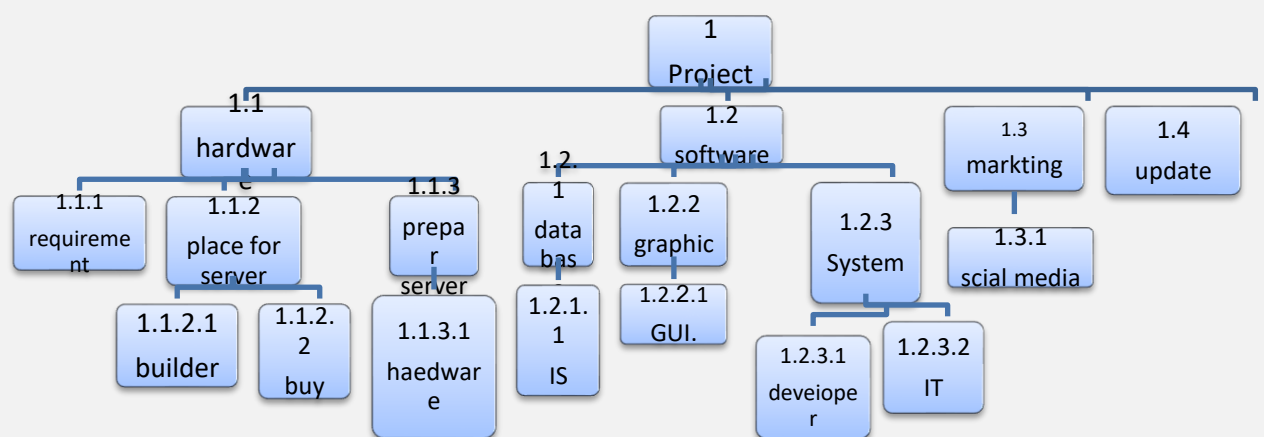
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Gant chart:

task		start data	end data	Duration
Define requirements		1-Feb-21	6-Feb-21	5
Build and test hardware devices		7-Feb-21	8-Feb-21	1
Preparing server for work		9-Feb-21	11-Feb-21	2
Design site graphic, data base		12-Feb-21	20-Feb-21	8
Coding system site		20-Feb-21	10-Mar-21	18
final testing		11-Mar-21	16-Mar-21	5
release version		17-Mar-21	20-Mar-21	3

task ID	Task Discription	task duration	start date	end date	يناير ٢٠٢١	فبراير ٢٠٢١	مارس ٢٠٢١	أبريل ٢٠٢١	مايو ٢٠٢١	يونيو ٢٠٢١	يوليو ٢٠٢١	أغسطس ٢٠٢١	سبتمبر ٢٠٢١	أكتوبر ٢٠٢١	نوفمبر ٢٠٢١	ديسمبر ٢٠٢١	يناير ٢٠٢٢
1	Buying laptops	1	01/01/2021	01/02/2021													
2	Team managing	1	01/02/2021	01/03/2021													
3	Make meeting	1	01/03/2021	01/04/2021													
4	Make reports	2	01/04/2021	01/06/2021													
5	Software	1	01/06/2021	01/07/2021													
6	Prepare tools	1	01/07/2021	01/08/2021													
7	Develop app	4	01/07/2021	01/11/2021													
8	Design pages	1	01/07/2021	01/08/2021													
9	Design database	1	01/08/2021	01/09/2021													
10	Coding	1	01/09/2021	01/10/2021													
11	Integration	1	01/10/2021	01/11/2021													
12	Testing	1	01/11/2021	01/12/2021													
13	Deliver	1	01/12/2021	01/01/2022													

Work breakdown structure (wbs):



WBS Dictionary

1.1 Starting

<i>Work PackageID</i>	<i>1.1.1</i>
<i>Work Package Name</i>	<i>Requirment</i>
<i>Description</i>	<i>Meeting with team,Stakeholder and Sponser</i>
<i>Person</i>	<i>Manager & Team Members</i>
<i>Start Date</i>	<i>5 / 11 / 2021</i>
<i>End Date</i>	<i>8 / 11 / 2021</i>

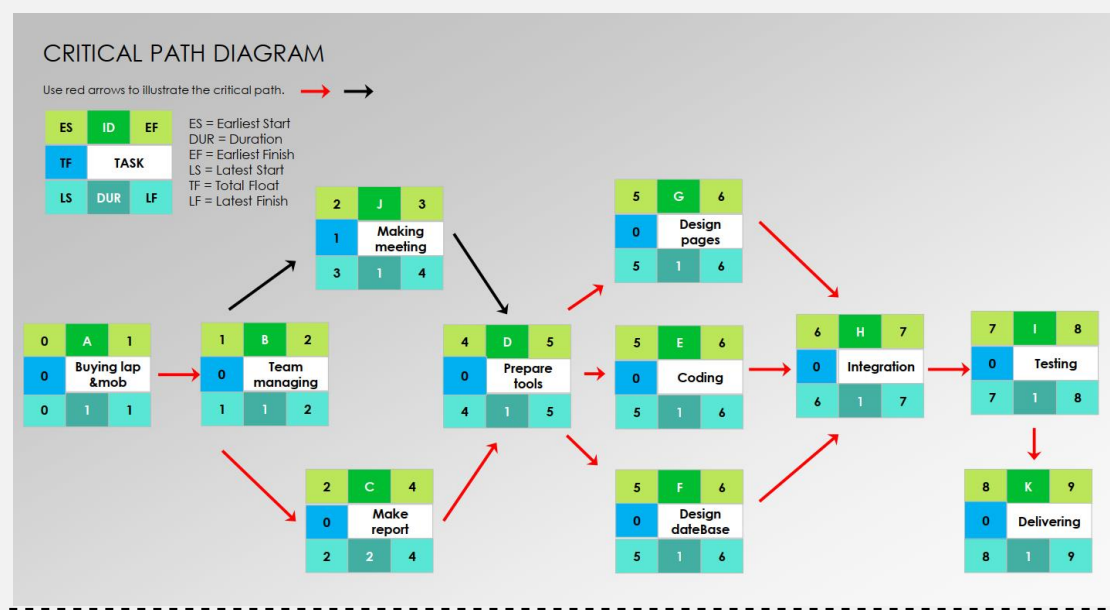
<i>Work PackageID</i>	<i>1.1.2</i>
<i>Work Package Name</i>	<i>Place for server</i>
<i>Description</i>	<i>Know the Policites and Recommends of the minister</i>
<i>Person</i>	<i>Manager</i>
<i>Start Date</i>	<i>9 / 11 / 2021</i>
<i>End Date</i>	<i>15 / 11 / 2021</i>

<i>Work PackageID</i>	<i>1.1.3</i>
<i>Work Package Name</i>	<i>Prepare Server</i>
<i>Description</i>	<i>Collecting all information about the project</i>
<i>Person</i>	<i>Manager and Team Member</i>
<i>Start Date</i>	<i>16 / 11 / 2021</i>
<i>End Date</i>	<i>25 / 11 / 2021</i>

Responsibility matrix:

Task		Kamel barakat	Karim adel	Karim gouda	Karim ahmed	kerolles		
Buying & mob			S		R	S		
Team managing		R		S		S		
Make report			R		S			
Making meeting		S		R		S		
Prepare Tools			S	S	R			
Design Pages			S			R		
Coding		S		R				
Design Data Base				S	R			
Integration		R			S			
Testing				R		S		
Delivering		R	S					
					A	Responsible		
					S	Supports		

Project Network



Resource constrained:

Budget Baseline:

ID	RES	DUR	ES	LF	SL										
A	2P	1	0	1	0	2									
B	2P	1	1	2	0		2								
C	2P	2	2	4	1			2	2						
J	2P	1	2 4	4 5	0 -1			X	X	2					
D	2P	1	4 5	5 6	0 -1					X	2				
G	1P	1	5	6	0						1				
E	1P	1	5 6	6 7	0 -1						X	1			
F	1P	1	5 6	6 7	0 -1						X	1			
H	1P	1	6	7	0							1			
I	1P	1	7	8	0								1		
K	1P	1	8	9	0									1	
Total Resource Load						2P	2P	2P	2P	2P	3P	3P	1P	1P	
Resource Available						3P	3P	3P	3P	3P	3P	3P	3P	3P	
ID	Task	DUR	Bu dg et												
A	Buyin g & mob	1	2	2											
B	Team man aging	1	4		4										
C	Mak e repor t	2	6		3	3									
J	Maki ng	1	9				9								

	meeting											
D	Prepare Tools	1	12					12				
G	Design Pages	1	14						14			
E	Coding	1	15						15			
F	Design Database	1	7						7			
H	Integration	1	5							5		
I	Testing	1	9								9	
K	Delivering	1	10									10
Total			93	2	7	3	9	12	36	5	9	10
Commutative				2	9	12	21	33	69	74	83	93

Risks

Negative risks:-

- ***-Interruption of the Internet.***
- ***-hackers.***
- ***-One of our employee leave the company.***
- ***-Another competitive company make the same technology with better quality than us.***
- ***-Increase in the cost.***
- ***-The lack of efficiency sufficient the teams.***
- ***-Not to satisfy the users of product.***

Positive risk:-

- ***-There is only our company in the market.***
- ***-Make a change in company that may improve our technology.***
- ***-This application work The IOS and Android and windows operating system.***

Thank you ^_^