

Team members:

- 1) Toson Abde-eluahab Hassan (Section 8 Group 1)**
- 2) Shery Matta Ekladious (Section 8 Group 1)**
- 3) Shimaa Saber Qenawy (Section 8 Group 1)**
- 4) Shimaa Ali Sayed (Section 8 Group 1)**
- 5) Shimaa Abd-elbast Mohamed (Section 8 Group 1)**
- 6) Hamad Ayman Hassan (Section 5 Group 1)**

Project Charter

Project Name:

Pharm secure

Project Sponsor:

Ministry of health

Project manager:

Mohamed Salah

Project purpose:

Define the expired medicines and give alerts when the medicines are expired.

Business Case:

The application's main idea is to save environment and people lives.

The app will give them notification about expired drugs That they have and, the medical company will send a representative to Take these drugs and this will prevent medicines from being poured Into drains and contaminating the water and will notify people not take these drugs anymore.

Key deliverables of the project:

The user can login this application view the list of medicine, scan the **Barcode** To add the medicine at account, view details medicine include knowing the expiry date, it's ingredients , create or view the note, Create event at the expiry remind as a features in this application and notification as reminder.

Project milestone:

It will be 110 days and it will be more 10 days for any delay.

- 1) In the first month they will collect information about how to know the expiry date of medicines.
- 2) In the second month the programing team will design the application.
- 3) In the third month they will tested it.
- 4) In the 10 days later it will be for developing the App.
- 5) In the 10 days later it will be for launching the App.
- 6) In the 10 days later it will be for any delay.

Project resources:

1) Staff:

- Two android developer
- Two (IOS) developer
- tester

- 1) **Budget:** \$ 30,000 (include programmers salary and advertising wages)
- 2) **Vendor:** play store

Project Constraints:

- 1) This project should be delivered on the specified time (After 120 days).
- 2) This project must be delivered within the specified budget.
- 3) The App should support an android and IOS.

High level risks:

- 1) The application can be Hacked from the evil Hackers
- 2) The cost should not increase than 30,000 \$.
- 3) The people might have no information about the application.

Project Scope:

Project Scope Description:

- This project is an application to help user know expired date of medicine.
- The application send alert notification to user to remind him to take medicine in time.
- The user can know the details of medicine by Scan the **Barcode** such as name of medicine, function of medicine and drug's company that produces the medicine.
- The user can add medicine and the details of medicine in the database by scanning the **Barcode** .
- The application will be the best way to get rid of expired medicine and save environment.
- By the application the user will contact medical companies to send him representative to take expired and forbidden medicines.

Project acceptance criteries:

The application will be successful if:

- 1- It was easy to use.
- 2- It gave enough information about the expired medicine.
- 3- Many people have used it.
- 4- It Provides ways to get rid of expired medicine.

Project deliverables:

The user can login this application designed using Quick Response **Barcode**..
. The user can utilize the camera at smartphone to scan a **Barcode** to detect the details of the medicine.

Project exclusion:

- 1) App not used for disabled people
- 2) The app isn't valid for windows, Linux and Mac.

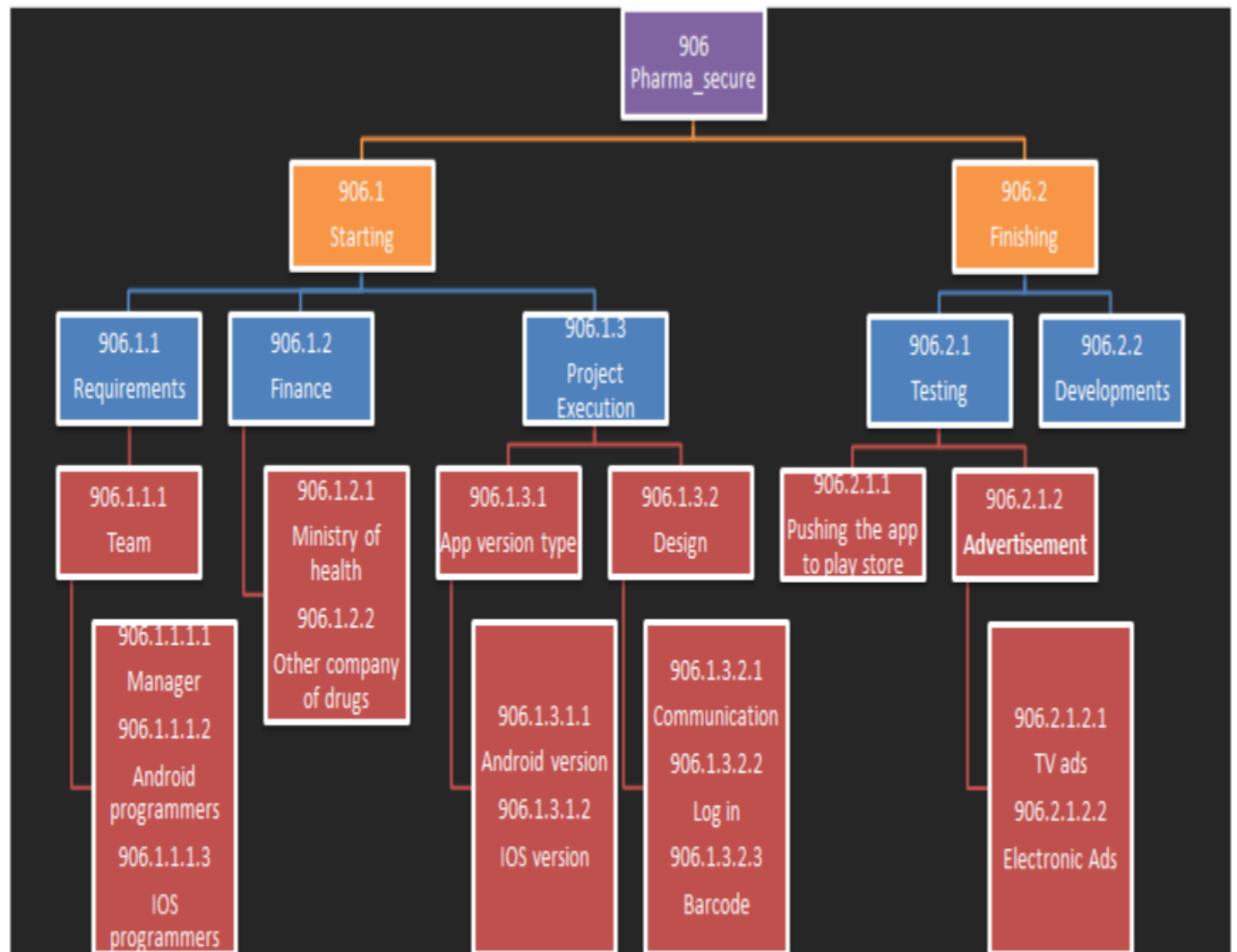
Project Constraints:

- 1) **Quality**: the project must have a specific information about how often will the user take the medicine.
- 2) **budget**: the project cost mustn't exceeded \$30,000
- 3) **Risks**: if our competitor launches a similar product at the same time ?
We should increase the quality by introducing good Service.
- 4) **Time milestone**: the project execution mustn't exceed 120 days.
- 5) **Stakeholders**: the project must implement the stack holder wishes list.
- 6) **Resources**: we mustn't need more than 5 programmers.

Project assumptions:

- 1- If the budget exceeds the specified price, we must ask the sponsor to provide more money and wait for acceptance or rejection.
- 2- If the time period specified for the programmers to complete the application exceeds the period of 120 days, this leads to the need for more funds.
- 3- If the application is not easy to use, this will expose the application to people's disregard, and therefore we will need to develop it and therefore we will need other programmers.
- 4- The application must have continuous development in order to compete between it and other applications.

Project WBS



WBS dictionary

Work package name	Code of accounts	Description of the element	Responsible person	Resources	Criteria for acceptance	milestone
Design	906.1.3.2	Designing the App	App developer	Android ,IOS programmer	If app was easy to use	1 month
Android version	906.1.3.1.1	Type of app version	android programmer	android Programmer	It used for android	10 days
IOS version	906.1.3.1.2	Type of app version	IOS programmer	IOS Programmer	It used for IOS	10 days
Test	906.2.1	Testing the app	tester	tester	If app was efficient	2 weeks
Pushing the app to play store	906.2.1.1	Launching the app	tester	tester	By number of times be downloaded	1 week
Development	906.2.2	Develop the wrongs	App developer	App developer	If app was accurate	3 weeks

Responsibility matrix

Some notes

R = responsible

S =support

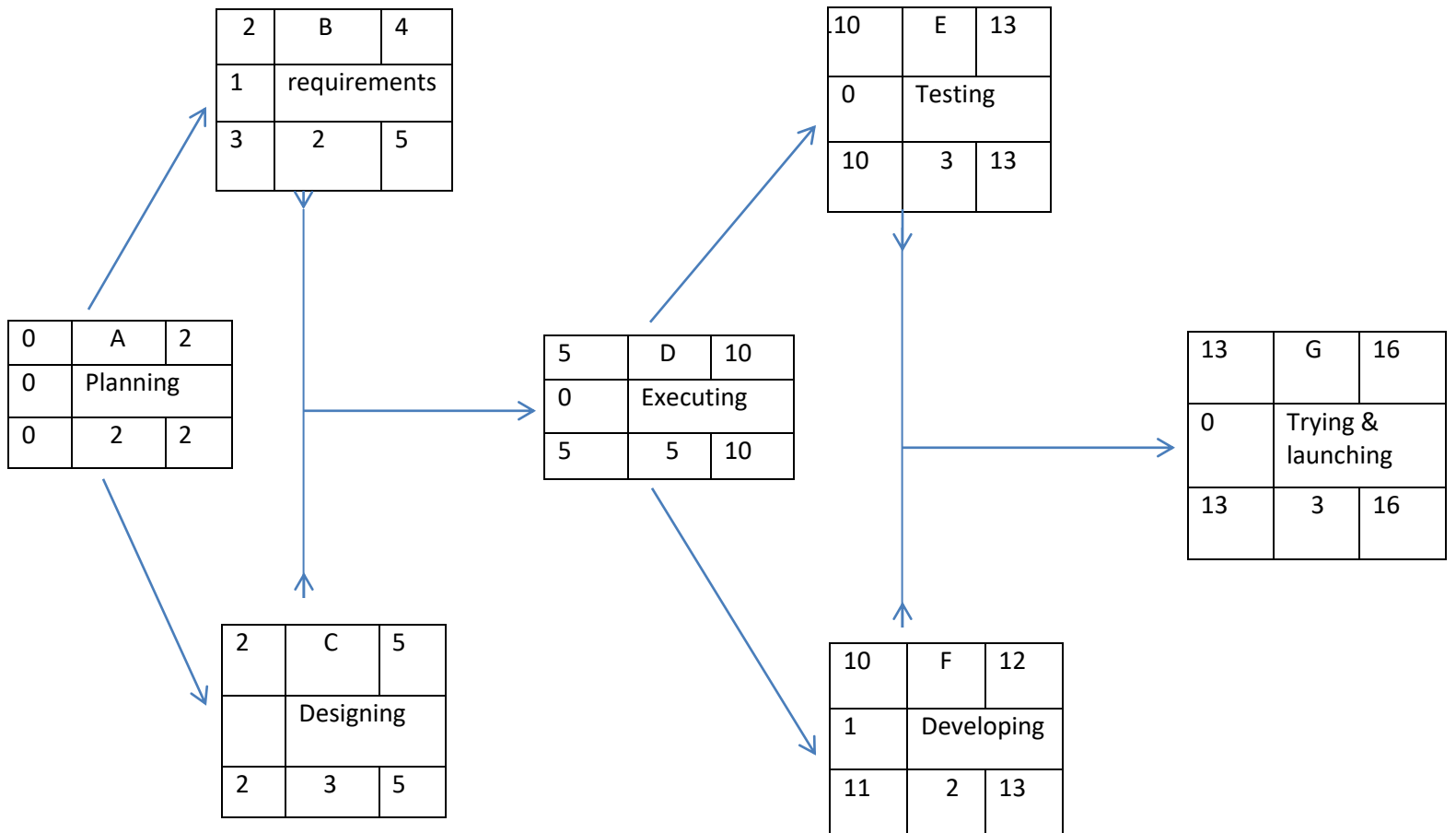
C = Consult

A = Approval

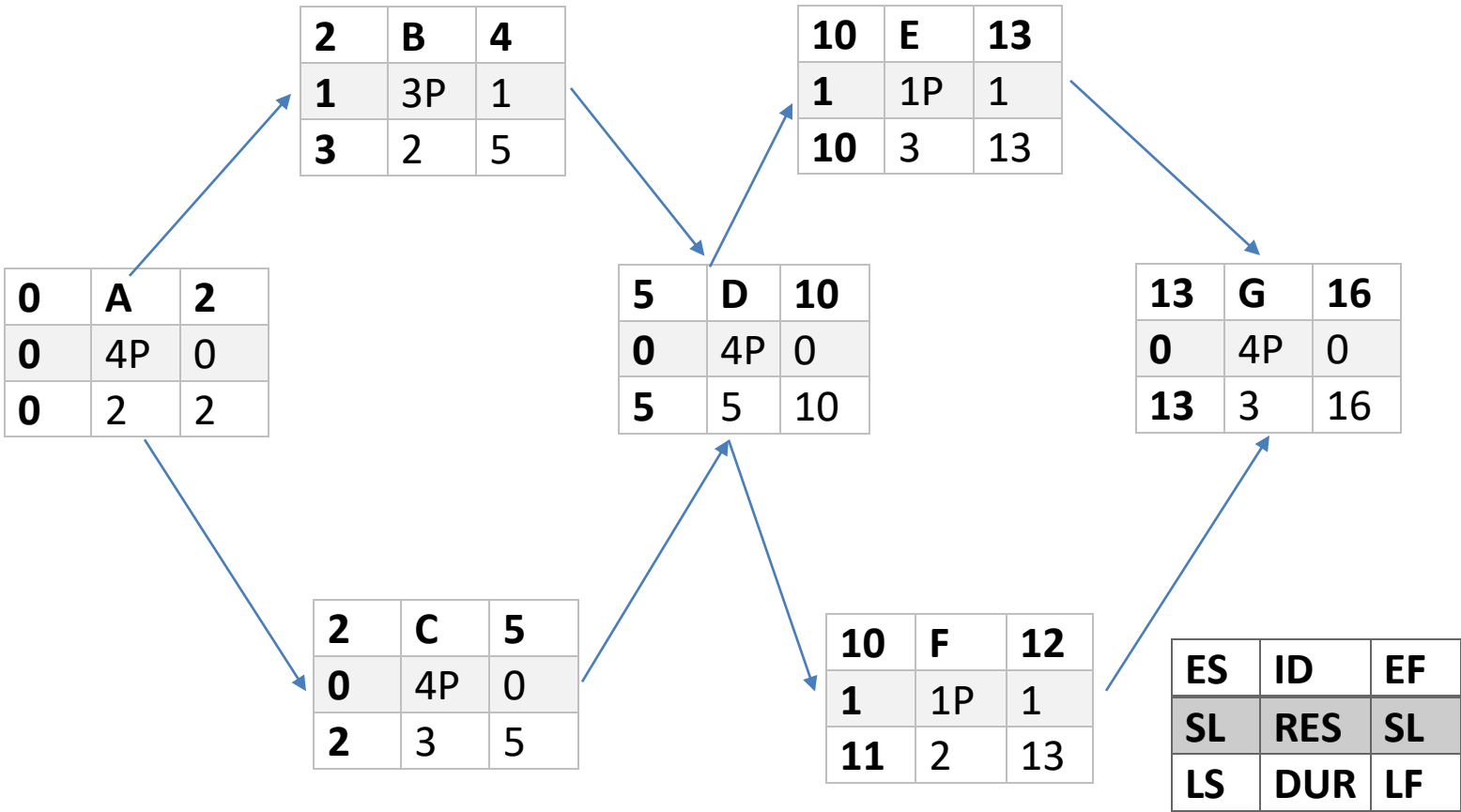
	Project manager	App developer	Team manager	digital marketer	tester	Designer	Chemical Expert	sponsor
Integrated Acceptance test	A		C		R		S	
Organizing the team	C		R					
Creating the App	A	R	S			S		
Providing the costs								R
Developing the app	C	R			A			
Testing the App	C	S			R			
Pushing the App to play store	A			R				
Design the ads	A	C				R		

Project network

<i>ID</i>	<i>Description</i>	<i>Preceding Activity</i>	<i>Duration(Week)</i>
A	Planning for the project	None	2
B	Preparing the requirements	A	2
C	Designing the project	A	3
D	Executing the App	B & C	5
E	Testing the project	D	3
F	Developing the project	D	2
G	Trying and launching the project	E & F	3



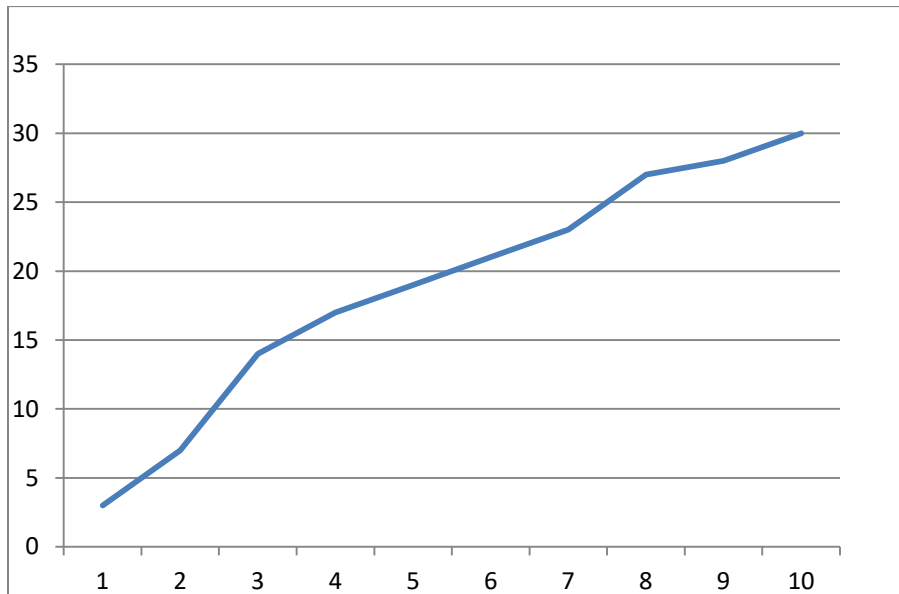
Resource constrained

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Budget baseline

A	2	1			
B	1	2			
C	2	1	1		
D	2	3	1	1	1
E	1	2	1		
F	2	1			
G	2	2	1		

	Budget	1	2	3	4	5	6	7	8	9	10	11	12	13
A	3	2	1											
B	3			1	2									
C	4			2	1	1								
D	8					2	3	1	1	1				
E	4									1	2	1		
F	3									2	1			
G	5											2	2	1
Total	30	2	1	3	3	3	3	1	1	4	3	3	2	1
Cumulative		2	3	6	9	12	15	16	17	21	24	27	29	30



Risk Management

1- The Application can be hacked by evil hackers.

- We can face this problem by using security system and notifying people to make sure that they have made the last update of the application.

2- The budget may not be enough.

- We should letting go of some things or replacing them with with things of less value.

3- Users might have no information about the application.

- We can solve this problem by make ads on social media and make videos how to use the application.

4- Tools may be not available.

- Search for alternative tools that can deal with our project.

5- Miscommunication in team that can lead to delay project or make it not as required.

- They should take courses about how to handle situations and how to deal with other members in the team.

Project monitoring

Here is a list of steps to monitor your project:

- *We hold a meeting from time to time to review and distribute tasks*
- *The project manager divides the project into tasks and distributes them to the team members*
- *Create a plane or outline*
- *Set goals and expectations*
- *Make necessary improvements*
- *Provide progress update*
- *Maintain flexibility*
- *Choose a Way to Collect Data*
- *Measuring deliverables against the original requirements.*