Level 2

Group 2 Section 4

Project

Mixed System *Android Win* !

project team :

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2_Mohammad Adel Ali   4_Mohamed Rashad Fathy   6_Mohamed Ali Ahmed

the explanation!

Project objective. (purpose)
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Android Win is a system based on a combination of the two Android systems for phones and Windows for the computer, *The goal* of the system is
- advance the user's technology.
- save him time and effor..
- Modernization in the idea of the technological system.

The project should be completed within one year and 3month at a cost not to exceed **800.000**$.

Deliverables.
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- Android systems for phones and Windows for the computer and this system provides everything for the user first at the time. the ability to run all Android games on the computer, such as puBG.

using Android Social networking application on your computer, such as whatsapp. using windows aplications such as visual studio.

creating ahigh-speed program that helps us use computers due to its heavy weight and high price.and sum of the deliverables are requirements, resarsh and developing, design and engineering, and training.

Milestones.
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- Define database design starts at 1 Jan -----> 1 Mar.

- Software analysis and software coding starts at 1Mar ,but software analysis ends in 1 Aug, and software coding ends in 1 Jul.

- Interface starts at 1 Aug ----> 1 Dec.
- Software testing starts at 1 Jul ----> 1 Oct.
- Evaluation and Reports start at 1Dec ----> 1 Mar in the next year.Here our project completed.

Technical requirements.

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- Computers with 18-inch display monitor, dual-core processors, 16GB RAM, wireless card , e thernet card , 1TB drive .

- Professionals programmers with high skills.

- At least seven servers for testing the system.

- Nine full stack developers with at least five years experience.

- Wireless network interface cards and ethernet connections.

-it will require a Strong network and service that can handle both systems and require high-performance

Hardware to be able to run both systems together.

Limits and exclusions.

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- On-site work to be done after 8:00 p.m. and before 7:00 a.m. Monday through Saturday.

- Android win supports all versions of Windows.

- AW supports all high performance smart phones ,but doesn't support low performance of mobile android and IOS .

- AW provides secure external access for users.

- It can run Android applications as Windows programs.

Reviews with customer.

- **Completion** of the scope checklist ends with a review with our customer , internal or external. The team knows that our project definition identify key accomplishments, budgets, timing, and performance requirements.

objective	Deliverables	Milestones	Limits and exclusions
advance the user's technology. save him time and effor.. Modernization in the idea of the technological system.	creating ahigh-speed program that helps us use computers due to its heavy weight and high price	a significant event in a project that occurs at a point in time. The milestone schedule shows only major segments of work; it represents first, rough-cut estimates of time, cost, and resources for the project. The milestone schedule is built using the deliverables as a platform to identify major segments of work and an end date	can run Android applications as Windows programs. It can connect to normal Android like Windows. We can run this system on computers;

Technical requirements		Team members	Project time
an AW system, it will require a strong network and service that can handle both systems users who have the ability to understand how the system works, it will require high-performance		The number of members of the project team is 6 including the official and the supporter	-The traditional time without a disability is 15 to 20 days The number of working hours for home completion is from 4 to 6 hours 80% achievement

Project sponsor : Slim Shady

The Work Breakdown Structure (WBS)
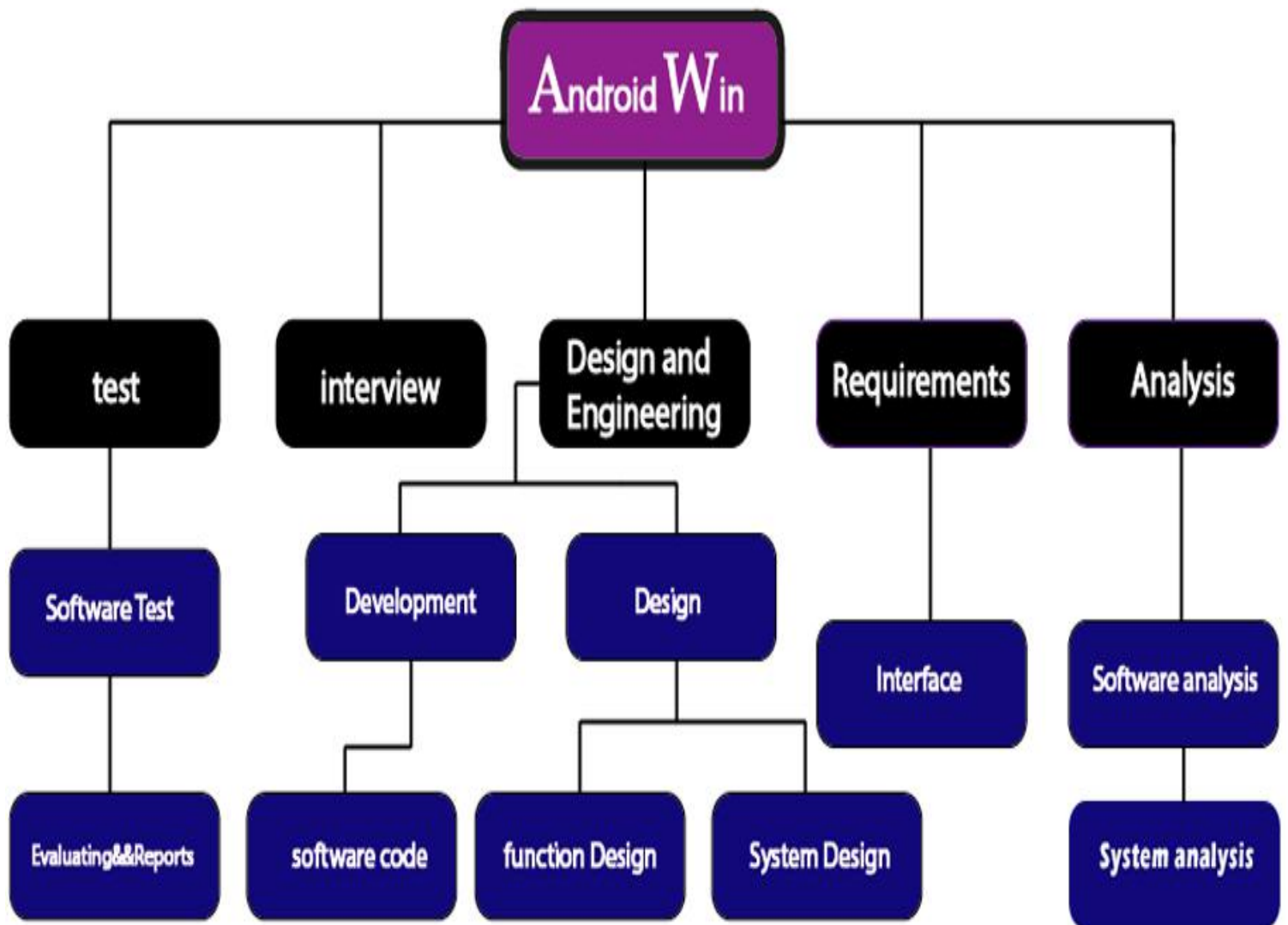
Responsibility Matrix

Responsibility of each team member

TASKS	Rostom	Adel	Rashad	Atef	Ali	Essam
Database Design (A)	S		R		R	
Software analysis (B)		S		R		R
Software codeing (C)	S		R		R	
Interface (D)		R		R		S
Software Test (E)	R		S		S	
Evaluating&&Reports (F)		R		S		S

Responsible	(R)
supportive	(S)

Project Network

2	B	8
0	Software analysis	
2	6	8

8	D	12
0	Interface	
8	4	12

0	A	2
0	Database Design	
2	2	2

12	F	15
0	Evaluating&&Reports	
12	3	15

2	C	7
2	Software codeing	
4	5	9

7	E	10
2	Software Test	
9	3	12
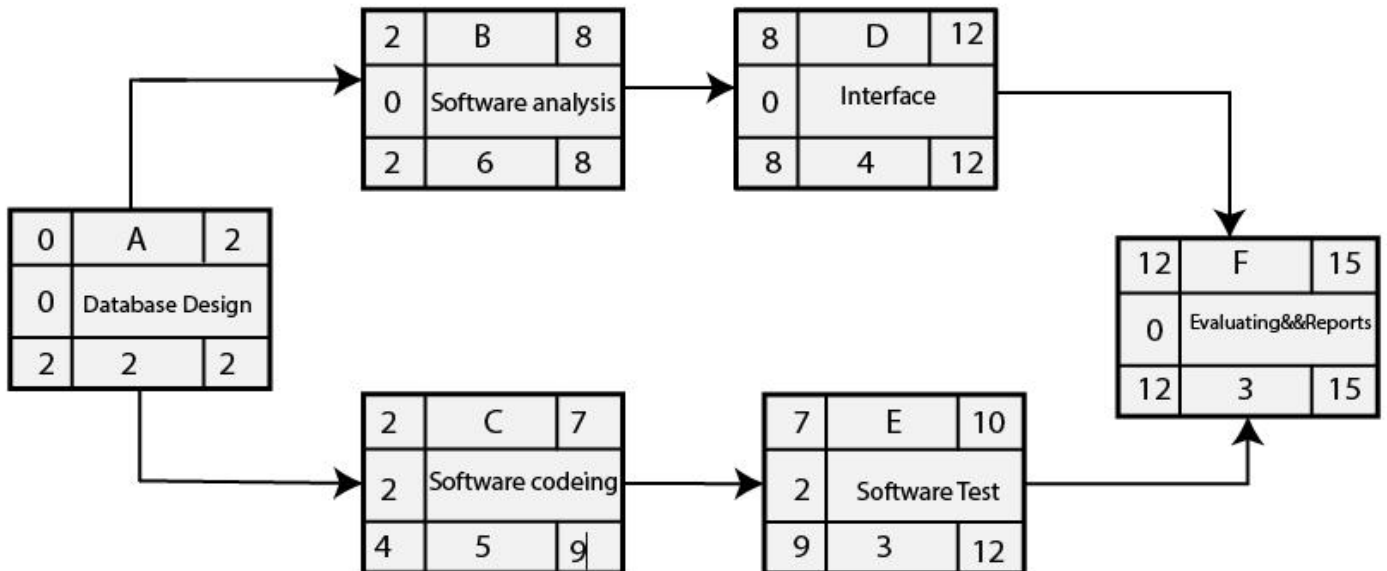
Project Network(Resources)

2	B	8
0	2	0
2	6	8

8	D	12
0	1	0
8	4	12

0	A	2
0	2	0
2	2	2

12	F	15
0	2	0
12	3	15

2	C	7
2	1	2
4	5	9

7	E	10
2	2	2
9	3	12
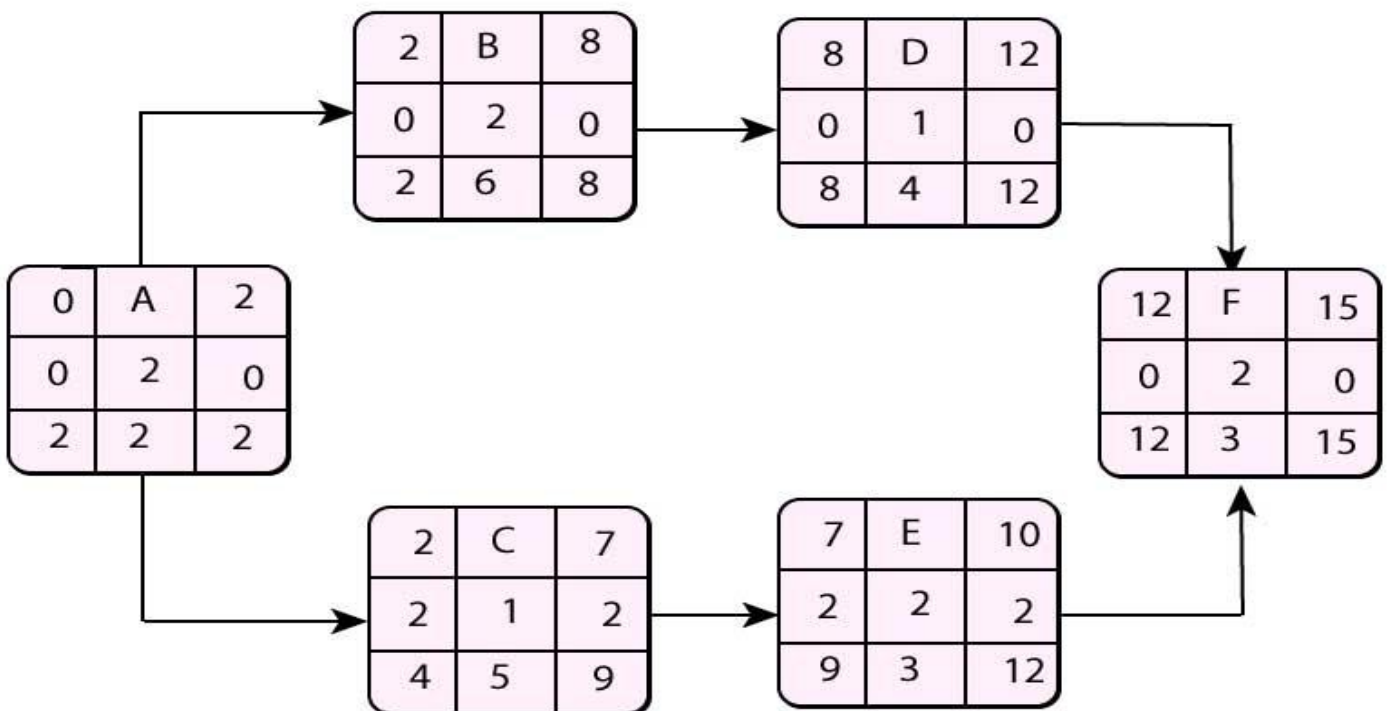
Project Resources

ID	RES	DUR	Es	Lf	SL	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	3p	2	0	2	0	3	3														
B	2p	6	2	8	0			2	2	2	2	2	2								
C	1p	5	2	9	2			1	1	1	1	1									
D	1p	4	8	12	0									1	1	1	1				
E	2p	3	7	12	2								X	2	2	2					
F	2p	3	12	15	0													2	2	2	
Total Resources						3	3	3	3	3	3	3	2	3	3	3	1	2	2	2	
Available Resources						3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	

Time phased work

id	dur	task	budget	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	2	database design	$ 150,000	$ 75,000	$ 75,000														
B	6	software analysis	$ 150,000				$ 50,000	$ 50,000		$ 25,000	$ 25,000								
C	5	software codeing	$ 200,000				$ 25,000	$ 25,000	$ 100,000		$ 50,000								
D	4	interface	$ 150,000										$ 50,000	$ 25,000	$ 25,000	$ 50,000			
E	3	software test	$ 75,000									$ 25,000		$ 50,000					
F	3	evaluation &&reports	$ 75,000														$ 25,000	$ 25,000	$ 25,000
		wekk total	$ 800,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 100,000	$ 25,000	$ 75,000	$ 25,000	$ 50,000	$ 75,000	$ 25,000	$ 50,000	$ 25,000	$ 25,000	$ 25,000	
		cumulative		$ 75,000	$ 150,000	$ 225,000	$ 300,000	$ 400,000	$ 425,000	$ 500,000	$ 525,000	$ 575,000	$ 650,000	$ 675,000	$ 725,000	$ 750,000	$ 775,000	$ 800,000	
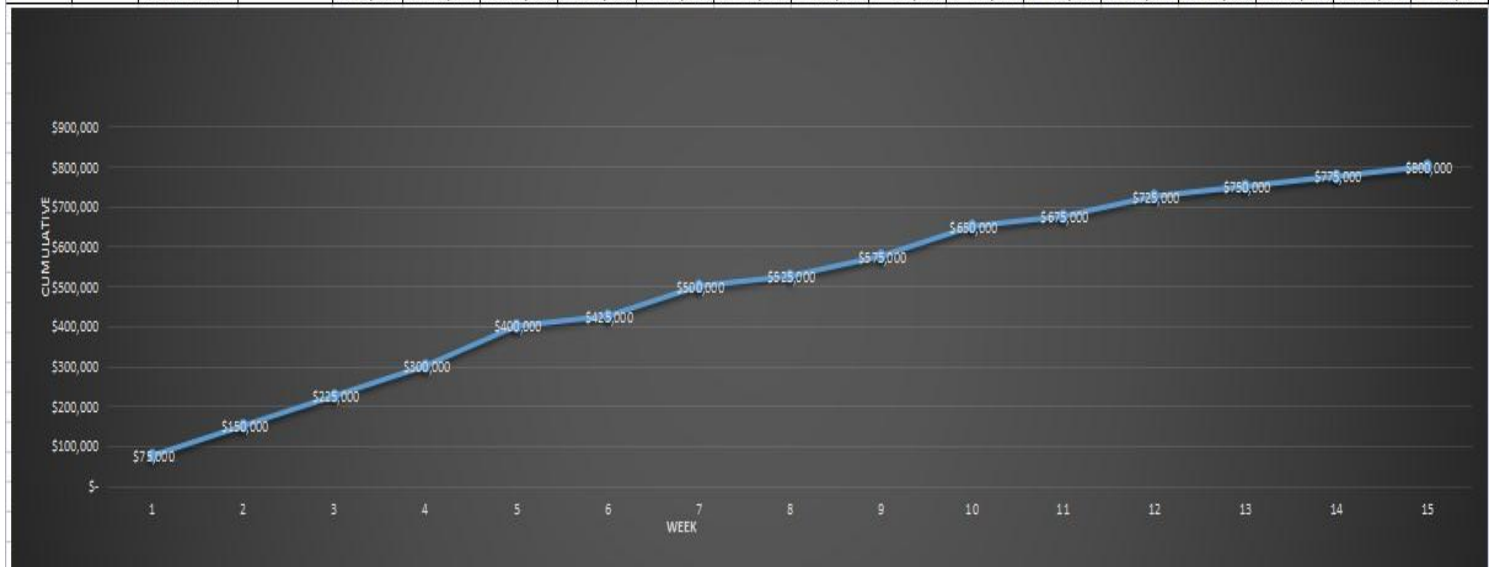
Gantt chart

					max Android && Win	1	android	Windows

ACTIVITY	DUR	TASK	START	FINSH	L_STRAT	L_FINSH	SLACK	PERIODS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A	2	database design	0	2	2	2	0	
B	6	software analysis	2	8	2	8	0	
C	5	software codeing	2	7	4	9	2	
D	4	interface	8	12	8	12	0	
E	3	software test	7	10	9	12	2	
F	3	valuation&&report	12	15	12	15	0	

Risk.

1-the cost of the project exceeds its assigned value.

sollution we must implement the specified cost

2-increasing the time for the specified time.

sollution attemt to complete eash task ontime or befor that .

3-people don't like it after its implementation.

sollution to be of high efficiency and to be distinct from other project.

4-Non-acceptance of the customer to the project.

sollution agreement with the project owner on what is required to be   implemented in the project.