Team Member: **1) Hadeer Youssif   3) Hiady Atef**
2) Noran Hassan   4) Nourhan Hanna

*Project Sponsor :*DR/Tarek Gammal

Wasting time correcting exams

Executive Summary :

The problem of correcting exams takes a lot of time and effort, and there are also mistakes in correction , to solve these problems , we will implement an electronic correction system

Deliverables :

1.Required Information :

We collect data that will explain the examination .

2.Design :

We follow the college system to know what the examination system is.

3.development/coding :

-Design the backend, which should contain:

1)Server

2)Data base

-Design the frontend.

4.Integration :

Combine the previous steps and test them to ensure that they work efficiently

.

•Project Resources :

1.Good internet connection.

2.Server.

3.Trainers who train students on the online examination system.

**Project scope statement :**

Objectives : Objectives are to apply the electronic correction system to reduce the time spent on correction and reduce the stress of students waiting for results.

Project exclusions : This system will be applied in the Faculty of Computers and Information **.** The students to whom this system is applied are the students who are tested in the laboratory building only

•Budget : The project is fully covered by 220,000, divided into 105,000 allocated for the entire program and 115,000 allocated to the trainers responsible for training students on this new system

.

✓ **WBS :**
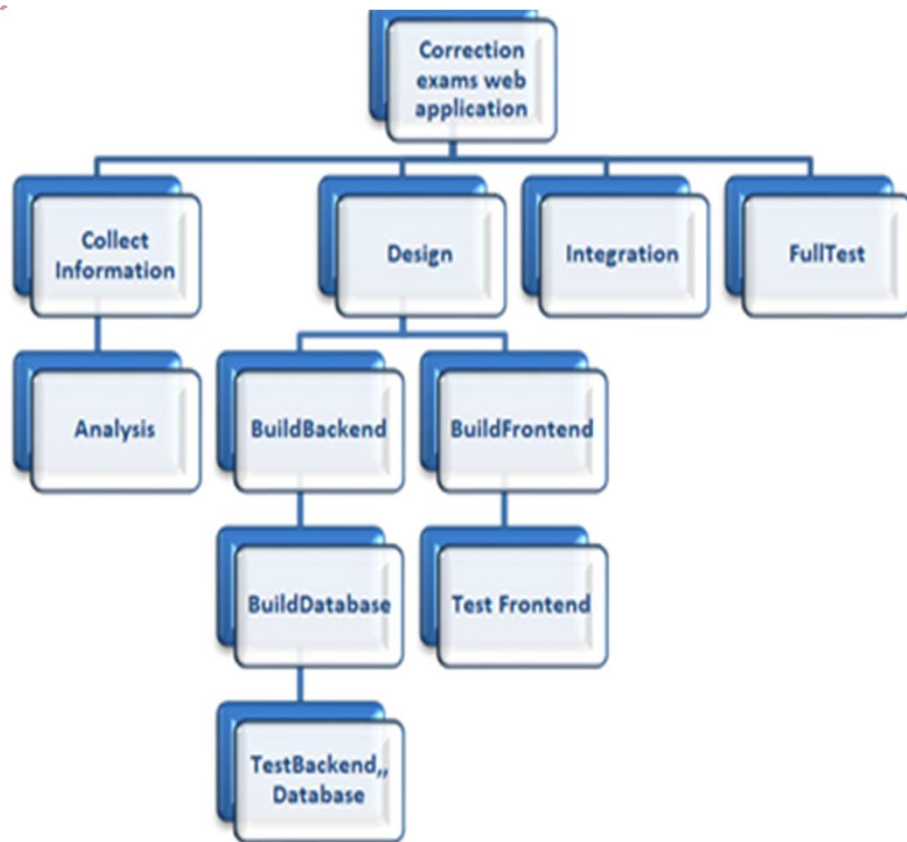
✓ **Responsibility Matrix :**

Task	Hadeer	Nourhan	Noran	Haidy
Collect information	R	S	S	S
Analysis	R	S	S	R
Build Backend	R	S	S	R
Build Database	S	R	R	R
Test Backend,Database	S	R	R	S
Build Frontend	S	S	S	S
Test Frontend	R	R	R	S
Integration	R	S	S	R
Full Test	S	R	S	R

R = Responsible   S = Supports/Assists

✓ Network Information:

Activity	Description	Preceding Activity	Activity Time/Months
A	Collect Information	None	1
B	Analysis	A	2
C	Build Backend	B	2
D	Build Database	B	2
E	Test Backend and database	C,D	2
F	Build Frontend	E	2
G	Test Frontend	F	1
H	Integration	G	3
J	Full Test	H	4

✓ Network :
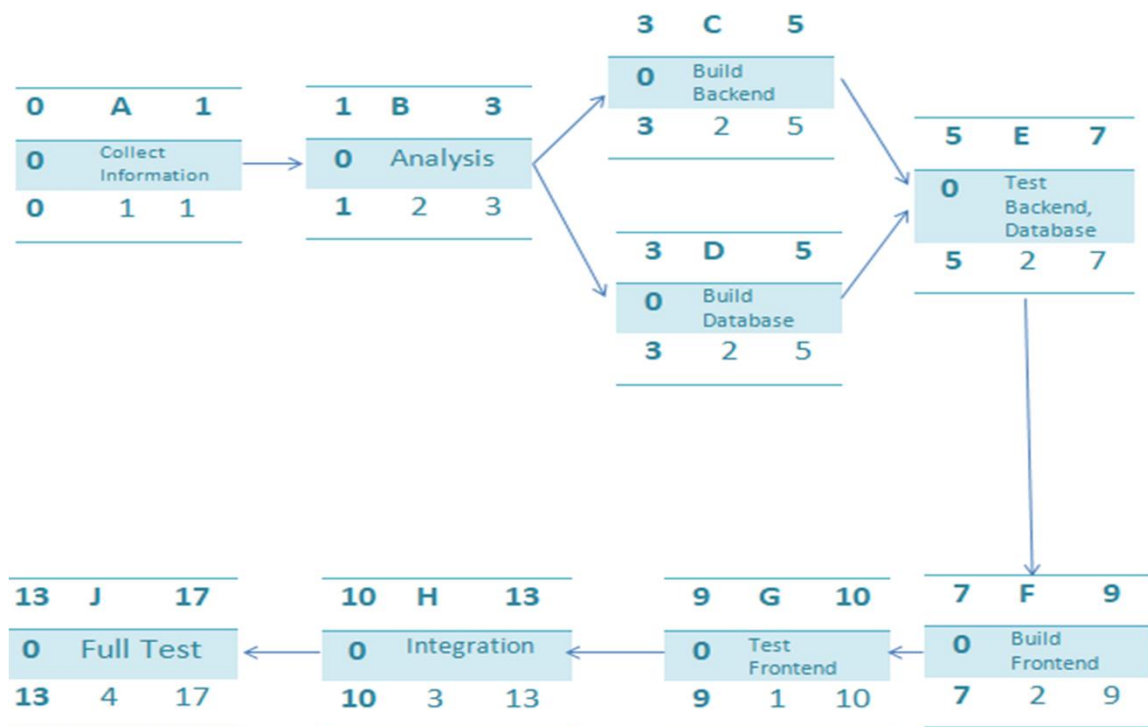
ID	DUR	Task Name	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack
A	1	Collect Information	1/1/2022	1/2/2022	1/1/2022	1/2/2022	0	0
B	2	Analysis	1/2/2022	1/4/2022	1/2/2022	1/4/2022	0	0
C	2	Build Backend	1/4/2022	1/6/2022	1/4/2022	1/6/2022	0	0
D	2	Build Database	1/4/2022	1/6/2022	1/4/2022	1/6/2022	0	0
E	2	Test Backend, Database	1/6/2022	1/8/2022	1/6/2022	1/8/2022	0	0
F	2	Build Frontend	1/8/2022	1/10/2022	1/8/2022	1/10/2022	0	
G	1	Test Frontend	1/10/2022	1/11/2022	1/10/2022	1/11/2022	0	0
H	3	Integration	1/11/2022	1/1/2023	1/11/2022	1/1/2023	0	0
J	4	Full Test	1/1/2023	1/5/2023	1/1/2023	1/5/2023	0	0

Activity/months	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A																		
B																		
C																		
D																		
E																		
F																		
G																		
H																		
J																		

ID	RES	DUR	ES	LF	SL	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A	4p	1	0	1	0	4																	
B	4p	2	1	3	0		4	4															
C	2p	2	3	5	0				2	2													
D	2p	2	5	6	0				2	2													
E	1p	2	5	7	0						1	1											
F	2p	2	7	9	0								2	2									
G	2p	1	9	10	0										2								
H	4p	3	10	13	0											4	4	4					
J	4p	4	13	17	0														4	4	4	4	
Total resource load						4	4	4	4	4	1	1	2	2	2	4	4	4	4	4	4	4	
Available Resource						4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	

✓ *Budget Baseline:*

ID	DUR	TASK	Budget	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A	1	Collect Information	10	10																	
B	2	Analysis	10		5	5															
C	2	Build Backend	15				10	5													
D	2	Build Database	10				5	5													
E	2	Test Backend, Database	15						8	7											
F	2	Build Frontend	10								5	5									
G	1	Test Frontend	15										15								
H	3	Integration	10											5	4	1					
J	4	Full Test	10														5	2	2	1	
Month Total				10	5	5	15	10	8	7	5	5	15	5	4	1	5	2	2	1	
Cumulative				10	15	20	35	45	53	60	65	70	85	90	94	95	100	102	104	105	

Cumulative Baseline Budget:
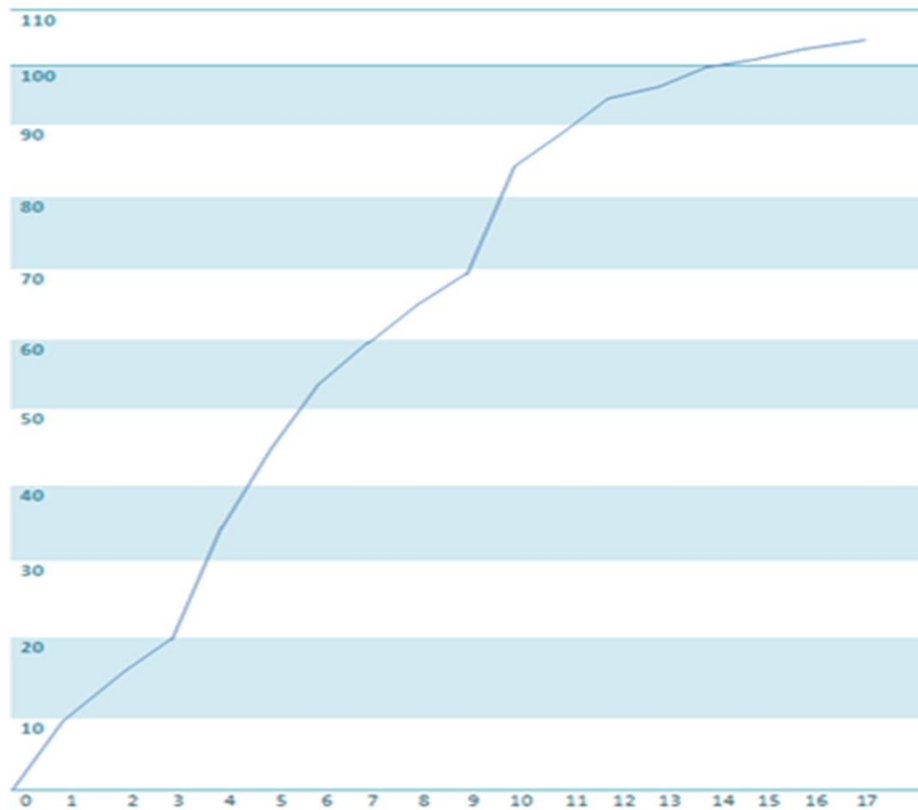
✓ *Risk and Issue Management Plan* :

-Data loss.

-A problem occurs in the Internet.

-System hack.

-Data entry mistake.