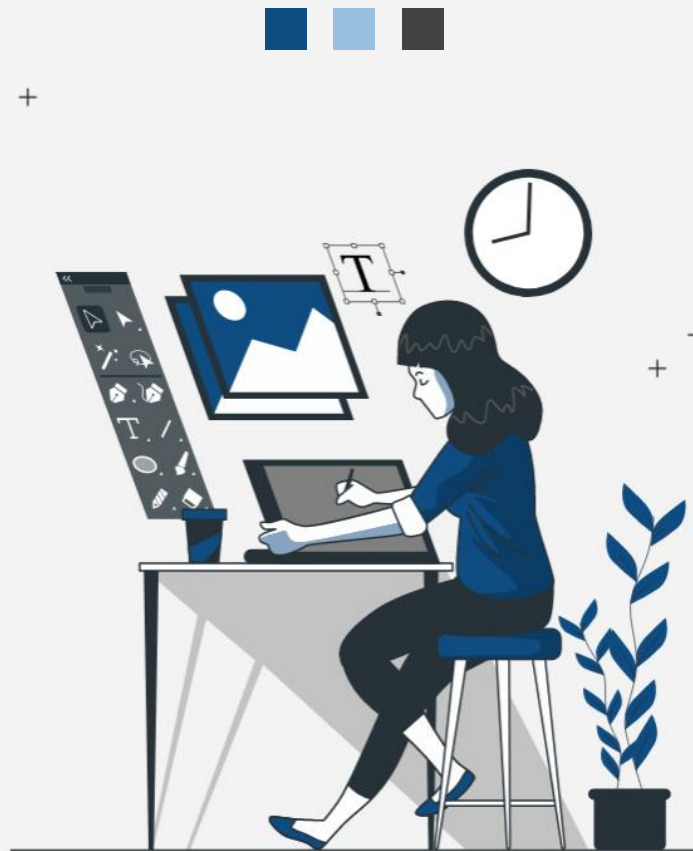


Kolona

Amn

Dash cam feature



# Introduction

This application allows sending security reports electronically.

We will develop the application by adding a dash cam feature that will make monitoring traffic violations directly to the traffic center.



# Business Objective

1

Creating a digital society

3

Saving time and effort.

2

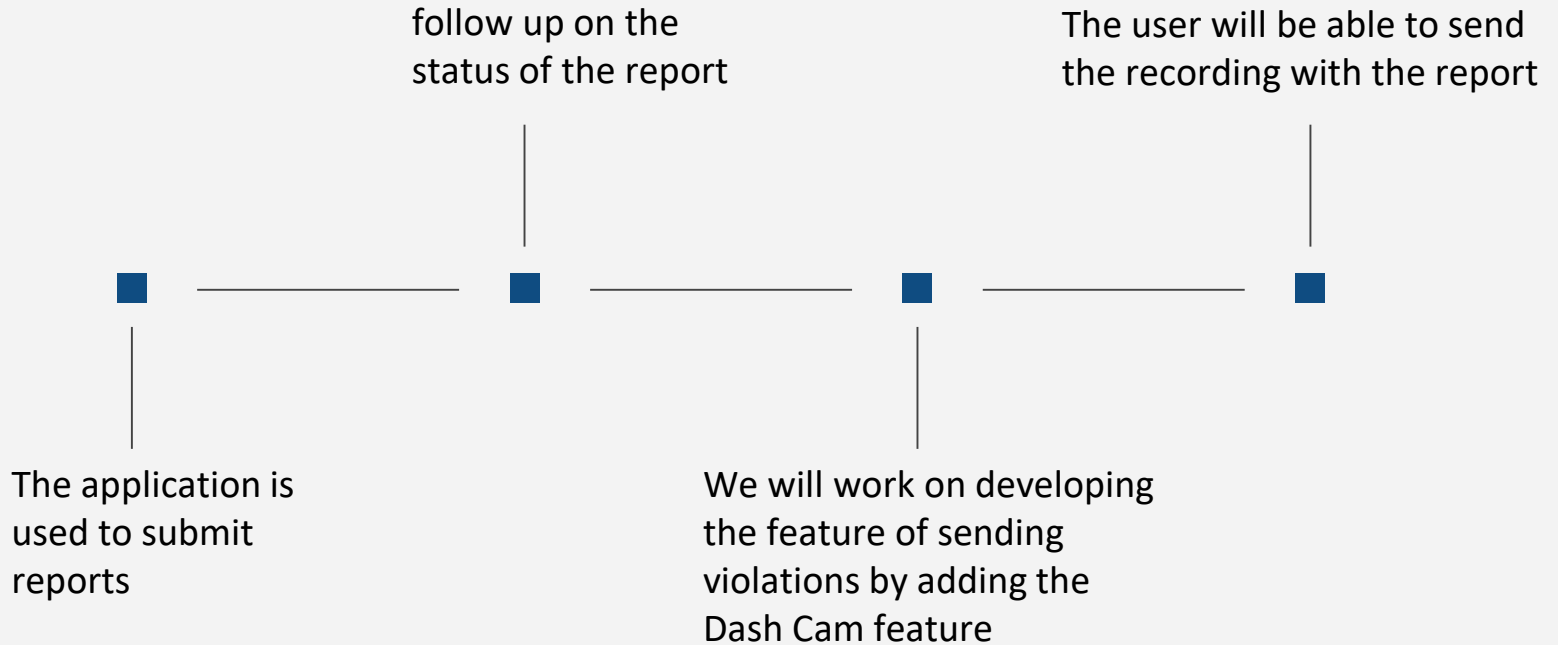
Facilitate the security men's knowledge of the places and time of traffic accidents.

4

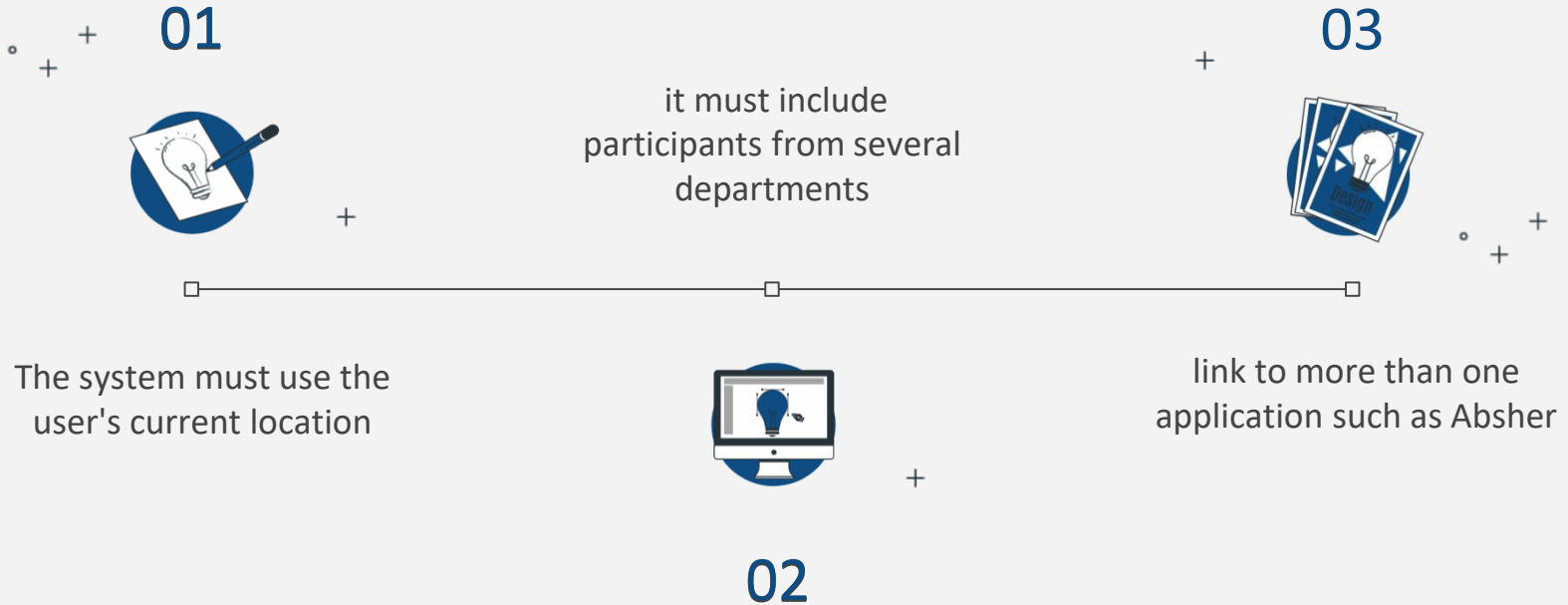
Providing all means that enable citizens to enhance their role in traffic.



# Current Situation and Problem/Opportunity Statement



# Critical Assumption and Constraints



# Analysis of Option and Recommendation



Developing and using this feature and activating it in the application to facilitate operations.



If this feature is not set, this will not affect the application, but it is to facilitate and save time and effort.

# Preliminary Project Requirements

+



+



A

The application  
automatically uses the  
user's location

+



+



B

Allows the user to modify  
the report information

+



+



C

High security of user  
information

# Budget Estimate and Financial Analysis



500,000

The initial estimate of the project costs



25 Hours

That depends on the work of the project manager about 25 hours per week, and the hour will be 100 riyals



40 Hours

The employees will work about 40 hours per week



4 Months

Will be for all work



## Budget Estimate and Financial Analysis

200,000

It will be for maintenance costs and to update the information permanently

30,000

If only 300 hours of time per 100 employees for a year, there will be profits equivalent to 30,000

130,000

If profits from new business increase by 100,000 per year, the total expected benefits are about 130,000 per year

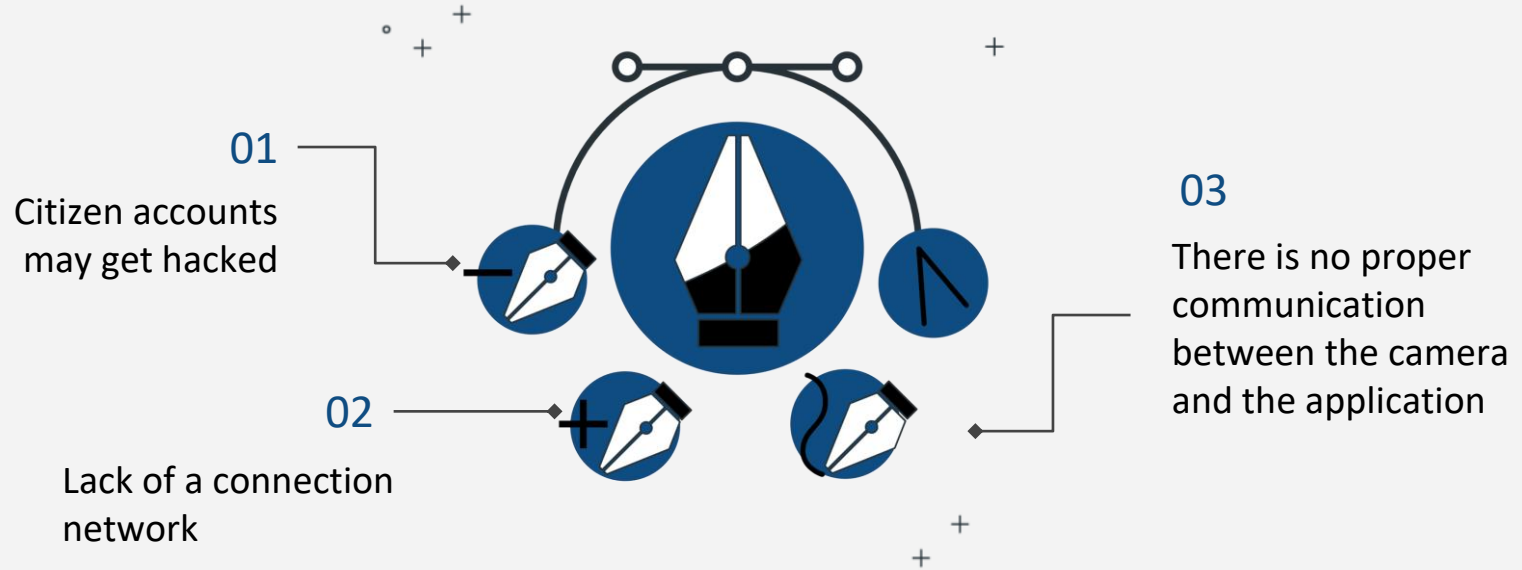




# Schedule Estimate

The owner of the project would like it to be completed in approximately 4 months, and there is some flexibility for time, assuming that the life of the system will be at least 5 years.

# Potential Risks



# Exhibits

Discount rate						
Assume the project is done in about 4months	Year					
	0	1	2	3	4	5
Cost	500,000	2				
benefits	0	130,000	130,00	130,000	130,000	130,000
Discount benefits -costs	500,000					
Cumulative benefits-costs	500,000					
Assumptions						
costs						
PM(400hours,\$40h/hour)	10					
Staff(100 hours,\$60h/hour)	60					
Outsourced software and services	12.000					
Total project cost(all applied in year 0)	500,000					
benefits	100					
consultants	300					
Hours saved	30					
\$/hour profit	100					

# Project Charter



Project Title: Kollona Amn

Project Start Date: 16/1/2023

Projected Finish Date:16/5/2023

Budget Information: 500,000

Project Manager: maha, 05555576, maha@gmail.com

Project Objectives: A service for citizens and residents to submit reports and maintain their safety by recording violations on the dash cam.

Main Project Success Criteria: Knowing user requirements and implementing them properly.

### Roles and Responsibilities

Role	Name	Organization/ Position	Contact Information
Sponsor	Ahmed	CEO	ahmed@gmail.com
Project manager	Maha	manager	maha@gmail.com
Team member	Renad	IT department	renad@gmail.com
Team member	Yara	IT department	yara@gmail.com
Advisor	Rania	Client representative	rania@gmail.com

Sign-off: (Signatures of all above stakeholders. Can sign by their names in table above.)

Comments: (Handwritten or typed comments from above stakeholders, if applicable)

# Project Scope



# Project Justification

01

The dash cam feature will increase the productivity of the application and the employees

02

it will help reduce costs

03

It will help the competent authorities to control accidents and facilitate their management

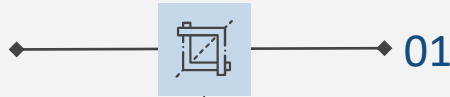
04

Incident tracking will be faster and easier



# Product Characteristics and Requirements

The app will allow authorized users to connect the dash cam to the application



02



The user will be notified of the report updates

Dash cam video can be uploaded when a complaint attachment is submitted



04



The possibility of quick communication with the traffic police

The application must provide several levels of security





## Project management-related deliverables

business case, charter, team contract, scope statement, WBS, schedule, cost baseline, status reports, final project presentation, final project report, lessons-learned report, and any other documents required to manage the project.

# Product-related deliverables

## Survey

Conducting a survey for users to determine the characteristics that must be available.

## User Requests Feature

The feature of sending reports from users, and the problem is solved by specialists



## Database

The system will include a database of all data

## Test Plan

The test plan will test how the feature will be used and how it will work on it

# Project Success Criteria

01

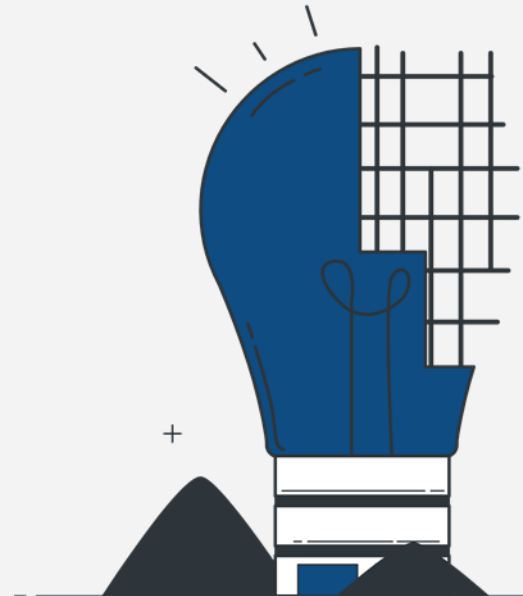


Properly dividing time and cost

02



Adhering to the schedule to achieve the highest profits and utilization.



<b>initianating</b>	<b>15 days</b>	<b>Sat 4/1/23</b>	<b>Thu 4/20/23</b>
identify key stakeholders	10 days	Sat 4/1/23	Thu 4/13/23
prepare project charter	4 days	Thu 4/13/23	Tue 4/18/23
hold project kick off meeting	1 day	Wed 4/19/23	Wed 4/19/23
<b>planing</b>	<b>41 days</b>	<b>Thu 4/20/23</b>	<b>Thu 6/15/23</b>
hold team planning meeting	3 days	Thu 4/20/23	Mon 4/24/23
prepare team contract	3 days	Mon 4/24/23	Wed 4/26/23
prepare scope statement	6 days	Wed 4/26/23	Wed 5/3/23
prepare WBS	3 days	Wed 5/3/23	Fri 5/5/23
prepare schedual and cost baseline	8 days	Fri 5/5/23	Tue 5/16/23
determain task resources	6 days	Wed 5/17/23	Wed 5/24/23
determain task duration	5 days	Wed 5/24/23	Tue 5/30/23
determain task depender	5 days	Wed 5/31/23	Tue 6/6/23
create draft grantt chart	3 days	Wed 6/7/23	Fri 6/9/23
review and finalize grantt chart	2 days	Sat 6/10/23	Mon 6/12/23

<b>Executing</b>	<b>43 days</b>	<b>Tue 6/13/23</b>	<b>Thu 8/10/23</b>
application design	12 days	Tue 6/13/23	Wed 6/28/23
application content	7 days	Wed 6/28/23	Thu 7/6/23
dash cam	7 days	Thu 7/6/23	Fri 7/14/23
ask expert	6 days	Fri 7/14/23	Fri 7/21/23
user input	5 days	Fri 7/21/23	Thu 7/27/23
application testing	7 days	Thu 7/27/23	Fri 8/4/23
project benefit measurment	5 days	Fri 8/4/23	Thu 8/10/23
<b>Monitoring and Controlling</b>	<b>11 days</b>	<b>Thu 8/10/23</b>	<b>Thu 8/24/23</b>
progress report	5 days	Thu 8/10/23	Wed 8/16/23
change requests	6 days	Sun 7/16/23	Fri 7/21/23
<b>Closing</b>	<b>9 days</b>	<b>Mon 8/21/23</b>	<b>Thu 8/31/23</b>
prepare final project report	5 days	Mon 8/21/23	Fri 8/25/23
prepare final project present	5 days	Fri 8/25/23	Thu 8/31/23



# Project Schedule

<b>Noncritical Task:</b>	initiating	ID: 1
<b>Duration:</b>	15 days	<b>Complete:</b> 0%
<b>Start:</b>	Sat 4/1/23	<b>Finish:</b> Thu 4/20/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	identify key stakeholders	ID: 2
<b>Duration:</b>	10 days	<b>Complete:</b> 0%
<b>Start:</b>	Sat 4/1/23	<b>Finish:</b> Thu 4/13/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	prepare project charter	ID: 3
<b>Duration:</b>	4 days	<b>Complete:</b> 0%
<b>Start:</b>	Thu 4/13/23	<b>Finish:</b> Tue 4/18/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	hold project kick off meeting	ID: 4
<b>Duration:</b>	1 day	<b>Complete:</b> 0%
<b>Start:</b>	Wed 4/19/23	<b>Finish:</b> Wed 4/19/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	planning	ID: 5
<b>Duration:</b>	41 days	<b>Complete:</b> 0%
<b>Start:</b>	Thu 4/20/23	<b>Finish:</b> Thu 6/15/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	hold team planning meeting	ID: 6
<b>Duration:</b>	3 days	<b>Complete:</b> 0%
<b>Start:</b>	Thu 4/20/23	<b>Finish:</b> Mon 4/24/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	prepare team contract	ID: 7
<b>Duration:</b>	3 days	<b>Complete:</b> 0%
<b>Start:</b>	Mon 4/24/23	<b>Finish:</b> Wed 4/26/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	prepare scope statement	ID: 8
<b>Duration:</b>	6 days	<b>Complete:</b> 0%
<b>Start:</b>	Wed 4/26/23	<b>Finish:</b> Wed 5/3/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	prepare WBS	ID: 9
<b>Duration:</b>	3 days	<b>Complete:</b> 0%
<b>Start:</b>	Wed 5/3/23	<b>Finish:</b> Fri 5/5/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	prepare schedule and cost baseline	ID: 10
<b>Duration:</b>	8 days	<b>Complete:</b> 0%
<b>Start:</b>	Fri 5/5/23	<b>Finish:</b> Tue 5/16/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	determine task resources	ID: 11
<b>Duration:</b>	6 days	<b>Complete:</b> 0%
<b>Start:</b>	Wed 5/17/23	<b>Finish:</b> Wed 5/24/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	determine task duration	ID: 12
<b>Duration:</b>	5 days	<b>Complete:</b> 0%
<b>Start:</b>	Wed 5/24/23	<b>Finish:</b> Tue 5/30/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	determine task dependencies	ID: 13
<b>Duration:</b>	5 days	<b>Complete:</b> 0%
<b>Start:</b>	Wed 5/31/23	<b>Finish:</b> Tue 6/6/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	create draft grant chart	ID: 14
<b>Duration:</b>	3 days	<b>Complete:</b> 0%
<b>Start:</b>	Wed 6/7/23	<b>Finish:</b> Fri 6/9/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	review and finalize grant chart	ID: 15
<b>Duration:</b>	2 days	<b>Complete:</b> 0%
<b>Start:</b>	Sat 6/10/23	<b>Finish:</b> Mon 6/12/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	Executing	ID: 16
<b>Duration:</b>	43 days	<b>Complete:</b> 0%
<b>Start:</b>	Tue 6/13/23	<b>Finish:</b> Thu 8/10/23
<b>Resources:</b>		



<b>Noncritical Task:</b>	application design	ID: 17
<b>Duration:</b>	12 days	<b>Complete:</b> 0%
<b>Start:</b>	Tue 6/13/23	<b>Finish:</b> Wed 6/28/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	application content	ID: 18
<b>Duration:</b>	7 days	<b>Complete:</b> 0%
<b>Start:</b>	Wed 6/28/23	<b>Finish:</b> Thu 7/6/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	dash cam	ID: 19
<b>Duration:</b>	7 days	<b>Complete:</b> 0%
<b>Start:</b>	Thu 7/6/23	<b>Finish:</b> Fri 7/14/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	ask expert	ID: 20
<b>Duration:</b>	6 days	<b>Complete:</b> 0%
<b>Start:</b>	Fri 7/14/23	<b>Finish:</b> Fri 7/21/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	user input	ID: 21
<b>Duration:</b>	5 days	<b>Complete:</b> 0%
<b>Start:</b>	Fri 7/21/23	<b>Finish:</b> Thu 7/27/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	application testing	ID: 22
<b>Duration:</b>	7 days	<b>Complete:</b> 0%
<b>Start:</b>	Thu 7/27/23	<b>Finish:</b> Fri 8/4/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	project benefit measurement	ID: 23
<b>Duration:</b>	5 days	<b>Complete:</b> 0%
<b>Start:</b>	Fri 8/4/23	<b>Finish:</b> Thu 8/10/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	Monitoring and Controlling	ID: 24
<b>Duration:</b>	11 days	<b>Complete:</b> 0%
<b>Start:</b>	Thu 8/10/23	<b>Finish:</b> Thu 8/24/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	progress report	ID: 25
<b>Duration:</b>	5 days	<b>Complete:</b> 0%
<b>Start:</b>	Thu 8/10/23	<b>Finish:</b> Wed 8/16/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	change requests	ID: 26
<b>Duration:</b>	6 days	<b>Complete:</b> 0%
<b>Start:</b>	Sun 7/16/23	<b>Finish:</b> Fri 7/21/23
<b>Resources:</b>		

<b>Critical Task:</b>	Closing	ID: 27
<b>Duration:</b>	9 days	<b>Complete:</b> 0%
<b>Start:</b>	Mon 8/21/23	<b>Finish:</b> Thu 8/31/23
<b>Resources:</b>		

<b>Noncritical Task:</b>	prepare final project report	ID: 28
<b>Duration:</b>	5 days	<b>Complete:</b> 0%
<b>Start:</b>	Mon 8/21/23	<b>Finish:</b> Fri 8/25/23
<b>Resources:</b>		

<b>Critical Task:</b>	prepare final project present	ID: 29
<b>Duration:</b>	5 days	<b>Complete:</b> 60%
<b>Start:</b>	Fri 8/25/23	<b>Finish:</b> Thu 8/31/23
<b>Resources:</b>		

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## TEAM MEMBERS

Raghad Askool

Renad Yar

Rania Asiri

Yara Bashmail

