EASIER LIFE

Persons with Disabilities

Prepared by: Futoon Alnobi 2110351

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STAGE 1
Pre-initiation and Initiation Stage:

1.0 Introduction/ Background:

There is little question that modern technological technologies with intelligent software may resolve most if not all, human difficulties. We plan to create useful software that can benefit suffering human groups; specifically, we want to help people who have unique requirements. Making life simple and uncomplicated for those with disabilities is the idea. The general idea is to create a platform that allows people to call via video and ask for help; the most crucial component is voluntary people who will answer the call and can speak the same language or sign language. By developing software that can solve major problems like Deafness, Dumbness, and Blindness. Even those with mobility challenges will benefit from our program. by providing details on all travel options and locations that people with mobility issues are interested in.

2.0 Business Objective:

Our project helps humans with special needs such as deaf and dumb, blind, and mobility disabilities. It works for the socioeconomic development of individuals with special needs, but it is by no means a profitable program. Our program's goal is to ensure that people with special needs and average people are treated equally and without distinction. In other words, we use software to try to make their lives easier. The goal of our program is to help humans with special needs by providing a confutable life for free.

3.0 Current Situation and Problem/Opportunity Statement:

The major issue is that people with special needs frequently struggle to meet their basic needs, they must spend a lot of time doing it on their own. Our system's proposed name is Easy Life, and it aims to make challenges for persons with special needs easier to solve in their daily lives. Difficulties distinguishing between distinct currencies and persons, or difficulties locating unusual circumstances for them. Since there was no system in place to address this issue, the idea of doing it

electronically and with little effort was also backed. Our solution will stand out since it will be simple to use and will satisfy their needs remotely.

4.0 Critical Assumption and Constraints:

All people with impairments must find value in the suggested software. The system must function with current hardware and software and need little to no technical support. It must be easily and secure from unauthorized users and be simple for disabled individuals to access.

5.0 Analysis of Option and Recommendation:

There are three ways to take advantage of this chance:

1. Nothing to do. Every disabled person relies on a family member or other relative to assist them and take care of their requirements.
2. Create an app for this category that enables users to ask volunteers to visit their homes and attend to their needs.
3. Create and implement software that addresses all issues related to disabilities and is unique in that it satisfies all requirements remotely.

After discussions with stakeholders have led us to the conclusion that choice 3 is the best one.

6.0 Preliminary Project Requirements:

The following are some of our project's key characteristics:

1. Make a virtual third party available who can translate spoken language to deaf individuals and sign language to hearing people.
2. Provide a fictitious third party to help users with impairments find their way there.
3. Before arriving at their locations, users can access information and images of the parking and pathways.
4. A wheelchair virtual map that gives the best and simplest route to their destination.
5. A virtual third party helps the users identify different currencies

7.0 Budget Estimate and Financial Analysis:

The total cost of the renovation is estimated to be $193,600. This estimate assumes that over the course of the eight-month schedule, one project manager, four interns, and two entry-level employees will each work 40 hours per week. The assistance of the customer service representatives would not be compensated. The project manager would make a total of $40 per hour, with interns making $20 and entry-level employees $15.Additionally, the original cost estimate allocates $40,000 for the purchase of APIs, cloud services, and software. After the project is finished, annual maintenance expenditures of $30,560 are included, mostly for updating software and data. Benefits from the project are predicated on an estimated increase in donations as a result of more people using the application. The benefits of the project depend on funding from the Ministry of Social Development. The estimated benefit, assuming all 10,000 visitors donated $1 each month, would be $120,000. Using prior profit data, higher earnings due to new business would be at least $20,000 per year if the new visitors only raised sales by 10% annually. The predicted expenses and benefits are summarized in Exhibit A, which also displays the estimated net present value (NPV), return on investment (ROI), and year of payback. It also includes a list of presumptions used in the preliminary financial analysis. The financial projections should not be interpreted as actual costs for theoretical assumptions. After Year 3, the payback is anticipated. The discounted ROI based on a four-year system life is 29%, and the NPV is $69916.54.

8.0 Schedule Estimate:

The project should be completed within 4 months. Additionally, we anticipate that the new system will be functional for at least 5 years

9.0 Potential Risks:

This project is fraught with danger. Since volunteers are this system's most vital component and the foundation of its work, their absence poses the greatest risk. Their absence indicates that the system has lost one of its most crucial components, namely the presence of a virtual third party to carry out

a variety of tasks. Additionally, there are significant technical dangers involved in pinpointing the precise location, which prevents the device from performing one of its purposes.

10.0 Exhibits

Exhibit A: Financial Analysis

Discount Rate	10%				
PROJECT 1	YEAR 1	YEAR 2	YEAR 3	YEAR 4	TOTAL
Beneftis	0	120000	140000	162000	422000
Costs	193600	30,560	30,560	30,560	285280
Cash flow	-193600	89,440	109440	131440	136720
NPV	$69,916.54				

Discount Rate	10%			
year	0	1	2	3
Cost	0	193000	30560	30560
Dicount Factor	1	0.91	0.83	0.75
Discounted costs	0	175,630.00	25,364.80	22,920.00
Benefits	0	0	120000	140000
Dicount Factor	1	0.91	0.83	0.75
Discounted benefit	0	-	99,600.00	105,000.00
Discounted benefits - costs	0	(175,630.00)	74,235.20	82,080.00
Commulative benefits - costs	0	(175,630.00)	(101,394.80)	(19,314.80)
ROI	29%			

Stakeholder Register for Easier Life

Prepared by: Jomanah, Futoon, Lana, Abrar **Date: 1/14/2023**

Name	Position	Internal/External	Project Role	Contact Information
Jomanah Aljehani	CEO	Internal	Sponsor	2110337 @uj.edu.sa
Futoon Alnobi	Marketing Director	Internal	Advisor	2110351@uj.edu.sa
Lana Alkhaldi	Developer	Internal	Team Member	2112662 @uj.edu.sa
Abrar Alamoudi	Project Management Office Director	Internal	Project Manager	2110876@uj.edu.sa

Stakeholder Management Strategy for Easier Life

Prepared by: Jomanah, Futoon, Lana, Abrar **Date: 1/14/2023**

Name	Level of Interest	Level of Influence	Potential Management Strategies
Jomanah Aljehani	High	High	Jomanah likes to keep up with project updates and see that they are completed properly. Focusing on the quality of the project in addition to achieving the financial benefits of the project.
Futoon Alnobi	Low	High	A person who puts forth a lot of effort, sociable, and has excellent communication skills that help her succeed in her line of work. Likes to help others and wants to leave a lasting impression at work. always aspires to great success.
Lana Alkhaldi	Low	High	A very organized person who loves her job to be as perfect as possible. She accurately meets her work deadlines and strives to constantly be the best.
Abrar Alamoudi	Low	High	A very professional and sensible individual with a track record of accomplishment. She prefers to work on definite, outlined criteria because she dislikes chaotic work environments.

Easier Life Charter

Project Title: Easier Life

Project Start Date: 2/2/2023 **Projected Finish Date: 22/3/2023**

Budget Information: The Ministry of Social Development has allocated $196,000 for this project. The majority of costs for this project will be on the algorithms and techniques used. The initial estimate provides a total of 40 hours per week.

Project Manager: : Abrar Alamoudi, 0568474924, 2110876@uj.edu.sa

Project Objectives: Our project helps humans with special needs such as deaf and dumb, blind, and mobility disabilities. It works for the socioeconomic development of individuals with special needs, but it is by no means a profitable program. Our program's goal is to ensure that people with special needs and average people are treated equally and without distinction. In other words, we use software to try to make their lives easier. The goal of our program is to help humans with special needs by providing a confutable life for free.

Main Project Success Criteria:

Selecting team members who are fit to perform their individual roles, as well as work in a team environment to work towards successfully completing the project at hand , also complete the Research project within the given time frame.

Approach:

-The project is suspended until successful volunteers are selected for the team, so prioritizing the selection of team members is one of the most important steps to complete project. Once team members are selected, the roles should be dedicated to individuals, they must work together as a team, each contributing equally to help maintain the success of the project.

-Meet with stakeholders to clarify desired feature set for site.

-Research software components required for application features. Special attention provided to open-source solutions.

- Develop success metrics to determine areas of continued improvement.

-Prepare maintenance plan for ongoing application development.

Roles and Responsibilities

Role	Name	Organization/ Position	Contact Information
CEO	Jomanah Aljehani	Sponsor	2110337 @uj.edu.sa
Marketing Director	Futoon Alnobi	Advisor	2110351@uj.edu.sa
Developer	Lana Alkhaldi	Team Member	2112662 @uj.edu.sa
Project Management Office Director	Abrar Alamoudi	Project Manager	2110876@uj.edu.sa

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)

Just-In-Time Training Project

Kick-off Meeting

22/1/2023

Meeting Objective: Get the project off to a great start by introducing key stakeholders, reviewing project goals, and discussing future plans.

Agenda:

- Introductions of attendees
- Background of project
- Review of project-related documents (i.e. business case, project charter)
- Discussion of project organizational structure
- Discussion of project scope, time, and cost goals
- Discussion of other important topics
- List of action items from meeting

Action Item	Assigned To	Due Date
System analysis	Abrar Alamoudi	5 March
Interview with stakeholders	Jomanah Aljehani	16 March
Cost and Schedule estimate	Lana Alkhaldi Futoon Alnobi	26 March

Date and time of next meeting: will be in date 1/4/2023 in 6:00 PM

STAGE 2

Plaining stage [Scope, Time, Cost]

1- Project Scope Statement:

PURPOSE: Our idea is targeted a specific category which is humans with special needs. The idea is about making an easy and confutable life for people with disabilities. By designing software that can solve main problems such as Deaf, dumb, and blind, the general idea is to design a platform that allows to call video and ask for help, the most important element is voluntary people who will answer the call and can speak same language or sign language. and our program will be able to help with mobility disabilities. By showing information about all destinations and places that those with a mobility disability want to go. In short, we are trying to make their life easy by software. The goal of our program is to help humans with special needs by providing a confutable life with free charging.

2- WBS:

1. Initiation
    - 1.1 Identify key stakeholders.
    - 1.2 Evolution & Recommendations
    - 1.3 Develop project charter.
    - 1.4 Project sponsor Reviews Project charter
    - 1.5 Hold a project kick-off meeting.

2. Planning

    - 2.1 create a preliminary Scope Statement
    - 2.2 Determine the Project team
    - 2.3 Develop a Project plan
    - 2.4 Prepare WBS
    - 2.5 Prepare schedule and cost baseline
        - 2.5.1 Determine task resources
        - 2.5.2 Determine task durations
        - 2.5.3 Determine task dependencies
        - 2.5.4 Create a draft Gantt chart
    - 2.6 Identify, discuss and prioritize risks

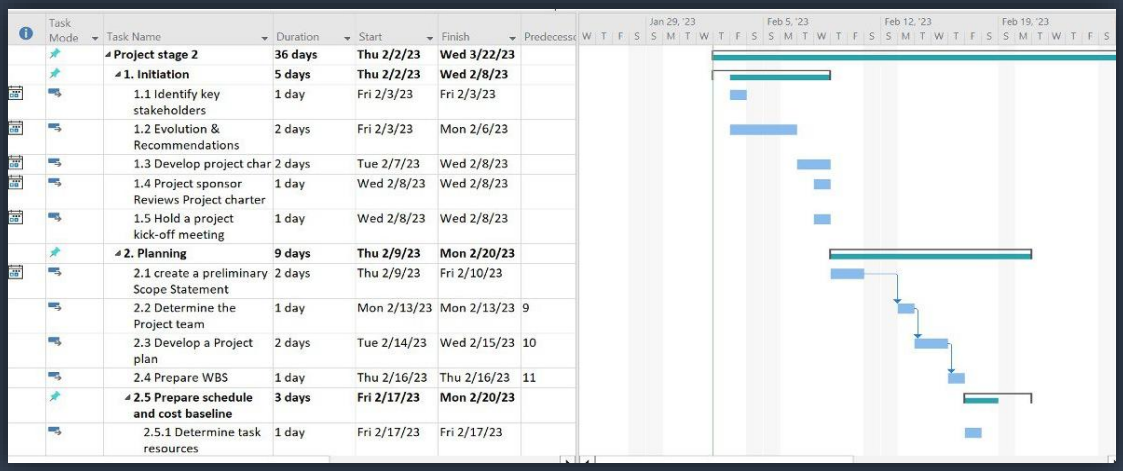
2. Execution
    - 3.1 verify & Validate User Requirements
    - 3.2 Design System
    - 3.3 Application content
        - 3.3.1 Templates and tools
        - 3.3.2 Make video call
        - 3.3.3 Links
        - 3.3.4 Ask the volunteers
        - 3.3.5 User requests feature
    - 3.4 Procure Hardware/ Software
    - 3.5 Testing Phase
    - 3.6 User Training

3. Monitoring and Control
    - 4.1 Progress reports
    - 4.2 Change requests
    - 4.3 Risk Management
    - 4.4 Cost management

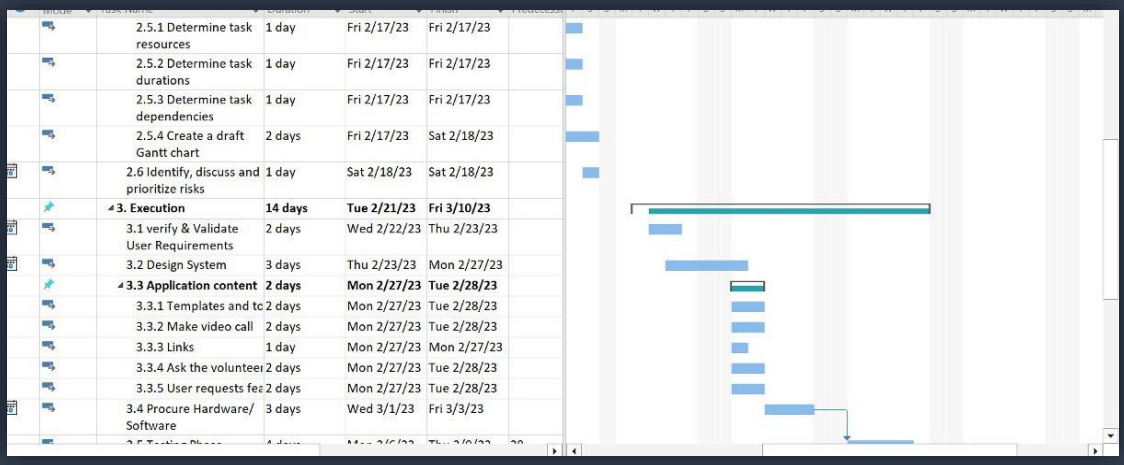
4. Closing
    - 5.1 Prepare final project report.
    - 5.2 Prepare final project presentation.
    - 5.3 Document Lessons Learned.
    - 5.4 Gain Formal Acceptance.
    - 5.5 Archive Files/ Documents.

Date of approve	25/1/2023	**Last region date**	5/5/2023
Project name	Easier life.		
Project objectives	project helps humans with special needs such as deaf and dump, blind and mobility disabilities. It is not profitable program at all, it works for the socio development of people with special needs. The purpose of our program is equality between humans with special needs and normal people which no difference between them.		
Scope definition	mart software may can solve most of human issues if it is not all. We are going to design a good software which can help human categories suffering.		
Project requirement	The proposed software must be an asset for all disabilities. The system must run on existing hardware and software, and it should require minimal technical support. It must be easily accessible by disabilities people and be secure from unauthorized users.		
Project deliverables	Easier life application.		
Acceptance criteria	Projects can be easily accessible by disabilities people and be secure from unauthorized users.		
Project constraints	The process of training and assistance for the use of the application for 1 day.		
Project assumptions	Project team and user can meet to provide training and mentoring even though it is done online.		

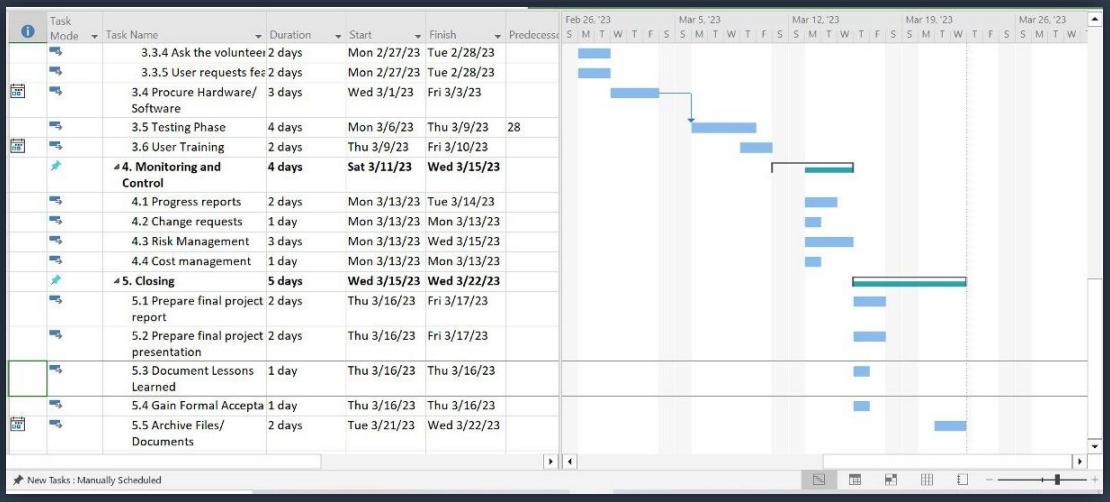
3- WBS Gantt Chart:



Task Mode	Task Name	Duration	Start	Finish	Predecessors
	Project stage 2	**36 days**	**Thu 2/2/23**	**Wed 3/22/23**	
	1. Initiation	**5 days**	**Thu 2/2/23**	**Wed 2/8/23**	
	1.1 Identify key stakeholders	1 day	Fri 2/3/23	Fri 2/3/23	
	1.2 Evolution & Recommendations	2 days	Fri 2/3/23	Mon 2/6/23	
	1.3 Develop project char	2 days	Tue 2/7/23	Wed 2/8/23	
	1.4 Project sponsor Reviews Project charter	1 day	Wed 2/8/23	Wed 2/8/23	
	1.5 Hold a project kick-off meeting	1 day	Wed 2/8/23	Wed 2/8/23	
	2. Planning	**9 days**	**Thu 2/9/23**	**Mon 2/20/23**	
	2.1 create a preliminary Scope Statement	2 days	Thu 2/9/23	Fri 2/10/23	
	2.2 Determine the Project team	1 day	Mon 2/13/23	Mon 2/13/23	9
	2.3 Develop a Project plan	2 days	Tue 2/14/23	Wed 2/15/23	10
	2.4 Prepare WBS	1 day	Thu 2/16/23	Thu 2/16/23	11
	2.5 Prepare schedule and cost baseline	**3 days**	**Fri 2/17/23**	**Mon 2/20/23**	
	2.5.1 Determine task resources	1 day	Fri 2/17/23	Fri 2/17/23	

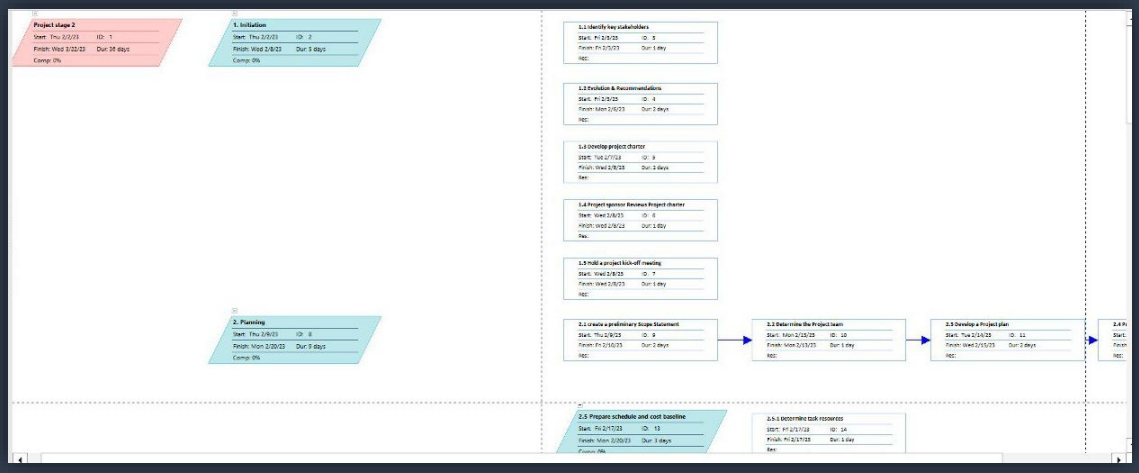


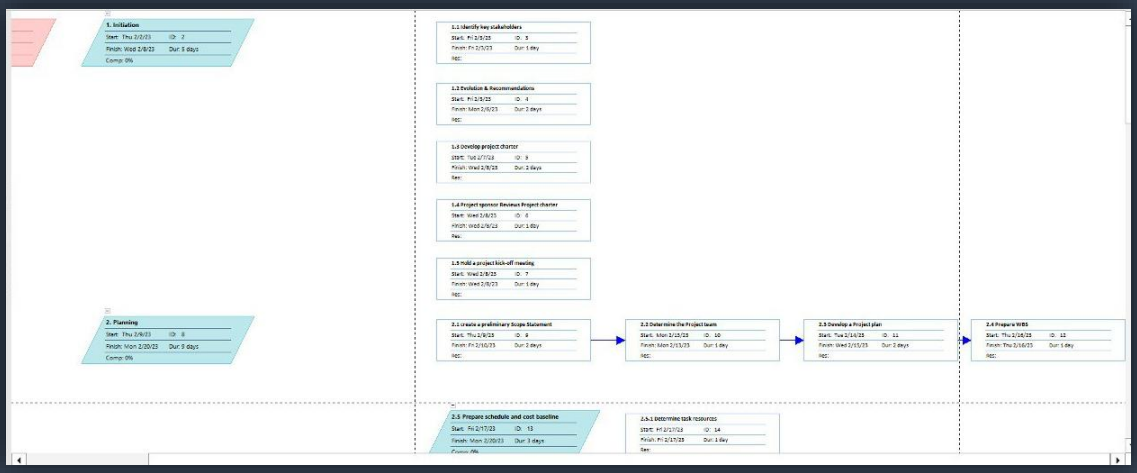
	2.5.1 Determine task resources	1 day	Fri 2/17/23	Fri 2/17/23
	2.5.2 Determine task durations	1 day	Fri 2/17/23	Fri 2/17/23
	2.5.3 Determine task dependencies	1 day	Fri 2/17/23	Fri 2/17/23
	2.5.4 Create a draft Gantt chart	2 days	Fri 2/17/23	Sat 2/18/23
	2.6 Identify, discuss and prioritize risks	1 day	Sat 2/18/23	Sat 2/18/23
	3. Execution	**14 days**	**Tue 2/21/23**	**Fri 3/10/23**
	3.1 verify & Validate User Requirements	2 days	Wed 2/22/23	Thu 2/23/23
	3.2 Design System	3 days	Thu 2/23/23	Mon 2/27/23
	3.3 Application content	**2 days**	**Mon 2/27/23**	**Tue 2/28/23**
	3.3.1 Templates and to	2 days	Mon 2/27/23	Tue 2/28/23
	3.3.2 Make video call	2 days	Mon 2/27/23	Tue 2/28/23
	3.3.3 Links	1 day	Mon 2/27/23	Mon 2/27/23
	3.3.4 Ask the volunteer	2 days	Mon 2/27/23	Tue 2/28/23
	3.3.5 User requests fea	2 days	Mon 2/27/23	Tue 2/28/23
	3.4 Procure Hardware/ Software	3 days	Wed 3/1/23	Fri 3/3/23

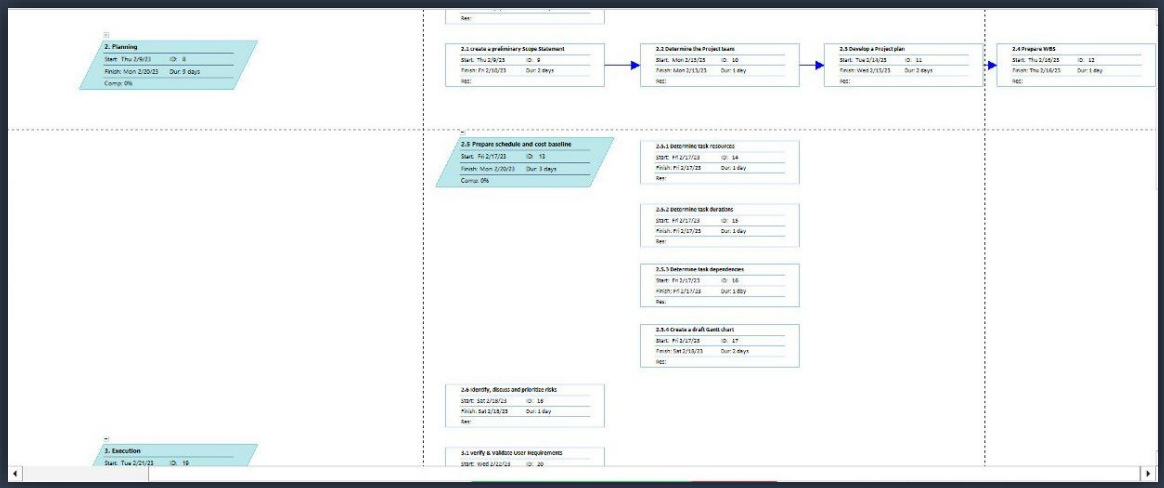


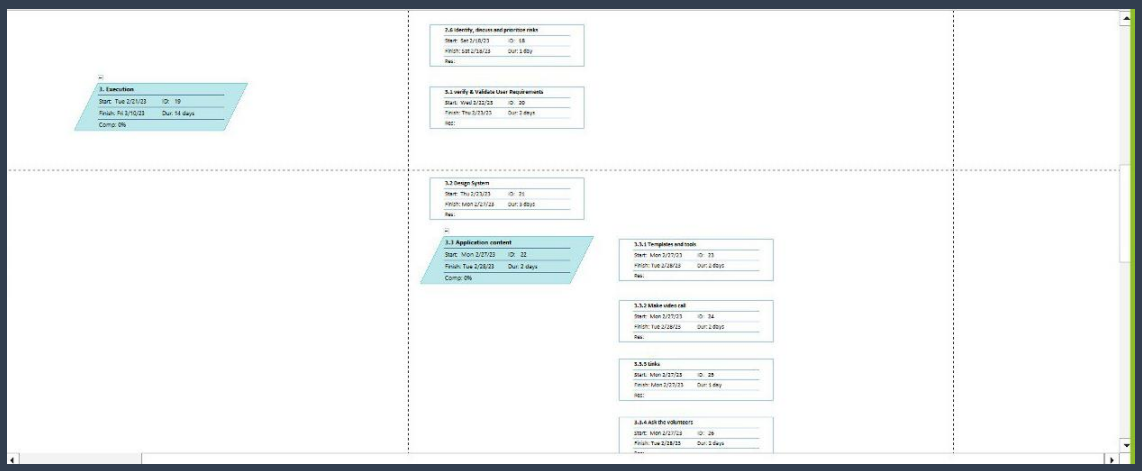
Task Mode	Task Name	Duration	Start	Finish	Predecessors
	3.3.4 Ask the volunteer	2 days	Mon 2/27/23	Tue 2/28/23	
	3.3.5 User requests fea	2 days	Mon 2/27/23	Tue 2/28/23	
	3.4 Procure Hardware/ Software	3 days	Wed 3/1/23	Fri 3/3/23	
	3.5 Testing Phase	4 days	Mon 3/6/23	Thu 3/9/23	28
	3.6 User Training	2 days	Thu 3/9/23	Fri 3/10/23	
	4. Monitoring and Control	**4 days**	**Sat 3/11/23**	**Wed 3/15/23**	
	4.1 Progress reports	2 days	Mon 3/13/23	Tue 3/14/23	
	4.2 Change requests	1 day	Mon 3/13/23	Mon 3/13/23	
	4.3 Risk Management	3 days	Mon 3/13/23	Wed 3/15/23	
	4.4 Cost management	1 day	Mon 3/13/23	Mon 3/13/23	
	5. Closing	**5 days**	**Wed 3/15/23**	**Wed 3/22/23**	
	5.1 Prepare final project report	2 days	Thu 3/16/23	Fri 3/17/23	
	5.2 Prepare final project presentation	2 days	Thu 3/16/23	Fri 3/17/23	
	5.3 Document Lessons Learned	1 day	Thu 3/16/23	Thu 3/16/23	
	5.4 Gain Formal Accepta	1 day	Thu 3/16/23	Thu 3/16/23	
	5.5 Archive Files/ Documents	2 days	Tue 3/21/23	Wed 3/22/23	

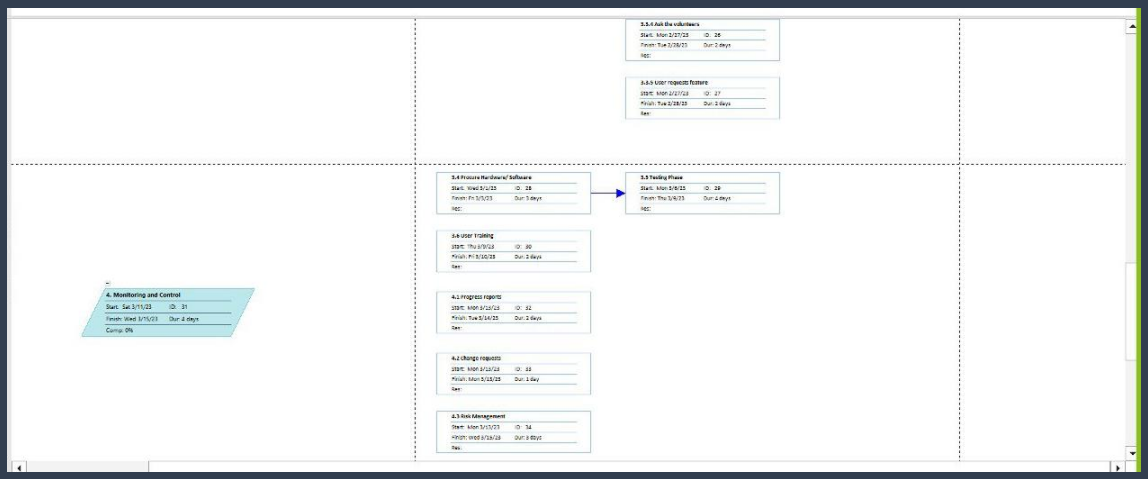
4- Network Diagram:








3. Execution
Start: Tue 2/21/23 ID: 19
Finish: Fri 3/10/23 Dur: 14 days
Comp: 0%
3.1 Application content
Start: Mon 2/27/23 ID: 22
Finish: Tue 2/28/23 Dur: 2 days
Comp: 0%


4. Monitoring and Control
Start: Sat 3/11/23 ID: 31
Finish: Wed 3/15/23 Dur: 4 days
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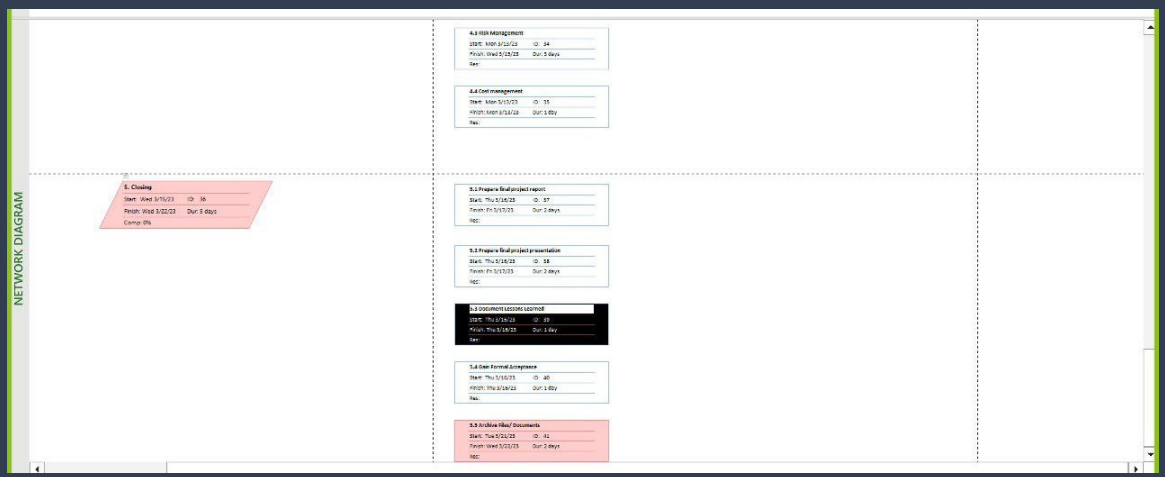
NETWORK DIAGRAM
5. Closing
Start: Wed 3/15/23 ID: 36
Finish: Wed 3/22/23 Dur: 6 days
Comp: 0%