



KAU SV

PROJECT MANAGEMENT PLAN STATUS: FINAL

TO:

Dr. Usman Ali Khan

BY:

Faisal Al Ragheeb 2136580

Abdullah Alharbi 2136600

Amr Ashraf 2142598

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Purpose of the project

The KAU Sports Village is an essential part of King Abdulaziz University. It provides a space for physical activity, entertainment, and various sports, helping to promote a healthy and active lifestyle. However, managing and handling the KAU Sports Village can be challenging, especially with its increasing popularity. To handle these challenges, we should develop a new application for the KAU Sports Village.

This new application will provide many features to improve the experience of using the KAU Sports Village facilities. It will provide users with information on the availability of facilities, event calendars, and class schedules. Users will be able to reserve spaces for various activities, such as basketball courts, fitness rooms, and swimming pools, making it easier to plan to go to the KAU Sports Village.

The application will make users log in using their KAU accounts, providing a more personalized and smooth experience. It will also offer the ability to reserve seats to watch matches and other events. These features will make it easier for users to stay up to date with the latest KAU Sports Village activities and ensure that they have an excellent experience when visiting it.

Goals and Objectives

The purpose of our application is to organize the sports village and make it more accessible to students and university staff. In addition, we intend to achieve the following goals:

- Offering possibilities for students and university employees to join the sports village, as well as making it simple for them to participate in various activities.
- Raising student and university employee turnout by posting the application on university websites and placing advertising in campus corridors.
- reducing congestion at the entrance and exit points.
- Promotes and arranges university events and services in the sports village.

The project aims to improve the experience of the sports village visitors and employees by: gathering information about the sports village and publishing it in one place with a schedule for any competition and all the match details with a map to simplify the process, including a booking system for multiple uses as booking a seat to watch a match or booking a playground or participating in university competitions, for the GYM participants it will include a QR code to enter the GYM and provide a workout plan for each participant with a food tracker to improve the results. The project should be delivered by 2024.

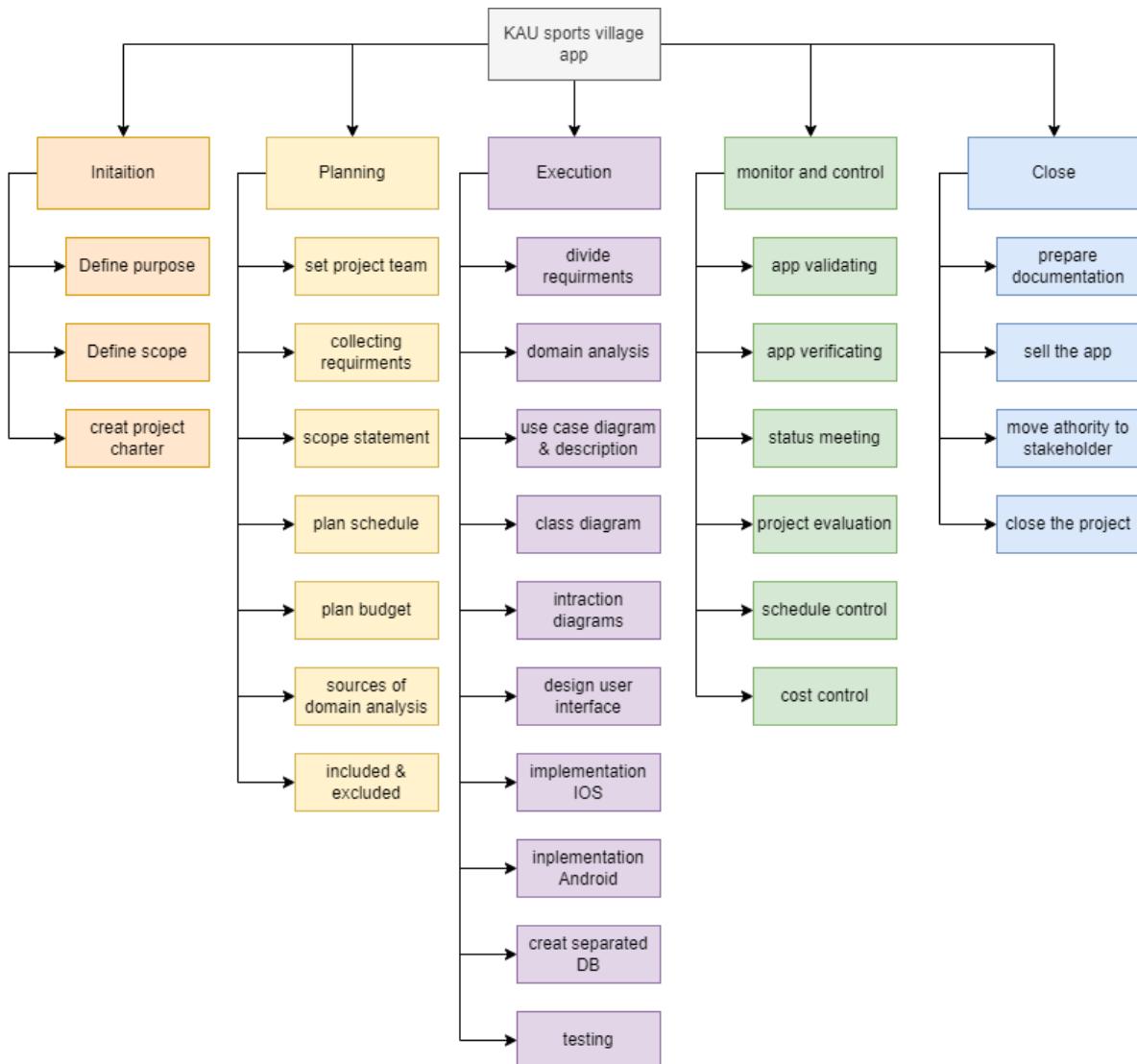
To gain a comprehensive understanding of the University's sports village, it is essential to conduct interviews with stakeholders such as university officials, gym trainers, sports coaches, and other staff members involved in the daily operation of the village. These interviews can provide valuable insights

into the challenges associated with the village, the current processes, and opportunities for improvement.

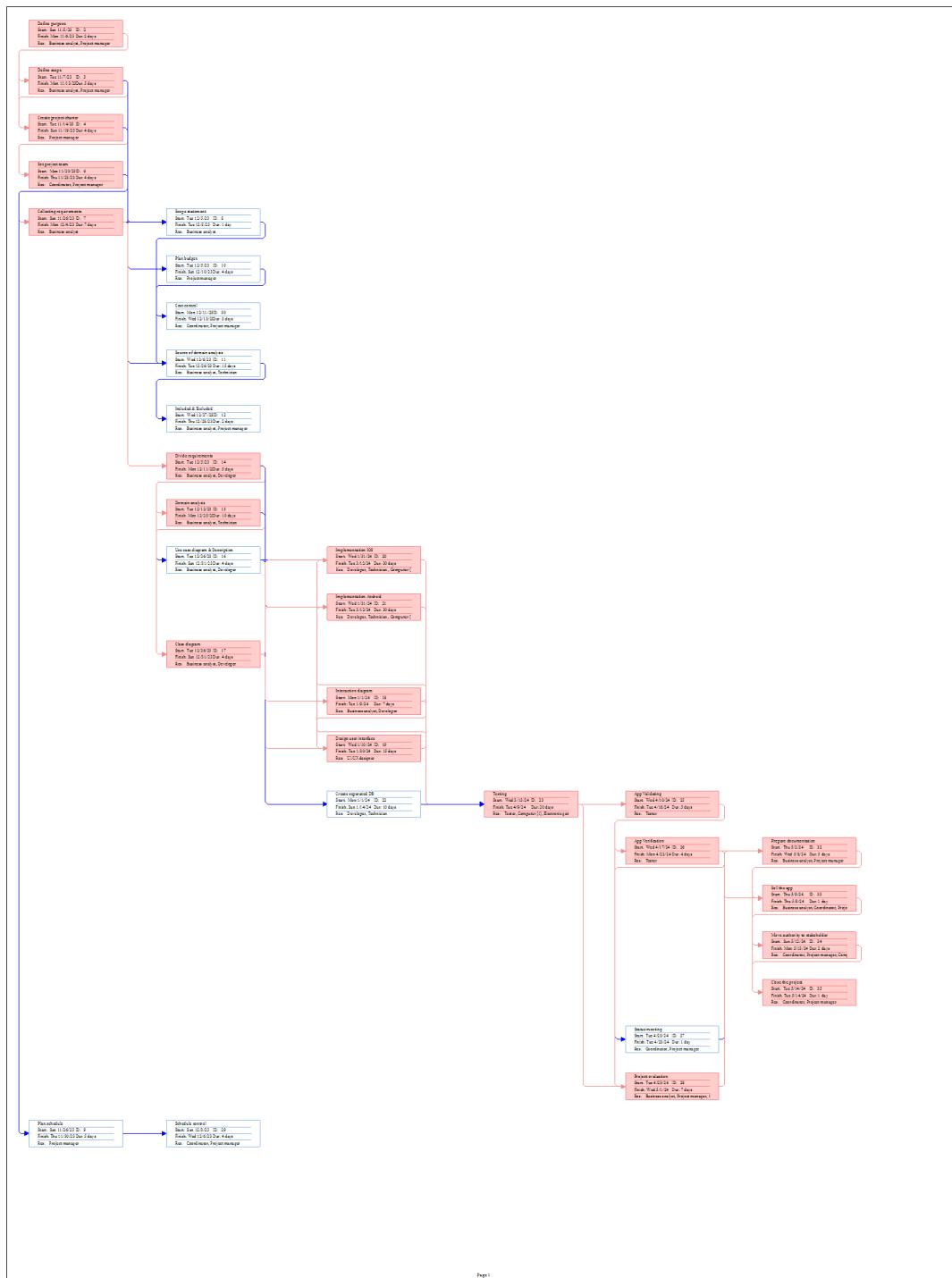
Conducting surveys among current and potential users of the village can also provide valuable insights. These surveys can gather information about the user experience, opinions about the village, and suggestions for improvement. The data obtained from these surveys can be used to enhance the user experience and make informed decisions about the village's future development.

Inspiring from other software that provides the same functionality such as "365 scores" in scheduling the matches, any GYM application that provides a QR code entry system like "fitness time", in addition to a food tracker like "myfitnesspal", for booking it depends on the need if it's a playground or a seat in the stadium we can simulate other simple booking systems for each purpose.

Work Breakdown Structure (WBS)



Use of Precedence Diagram Method



Staffing procedure and plan

1. Define the required positions and their employment type
2. Define the required time for each position and schedule
3. Announce about the required positions
4. Schedule an interviews whit the job seekers
5. Select the best selection in term of cost per hour and skills

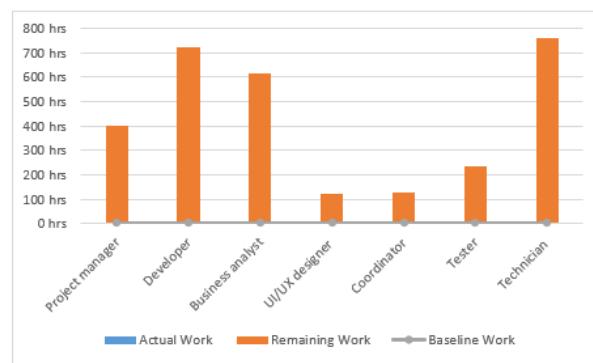
Organizational chart and histogram

	Resource Name	Type	Material	Initials	Group	Max.	Std. Rate	Ovt. Rate	Cost/Use	Accrue	Base
1	Project manager	Work		P		100%	42.00 .ر.س./hr	.00 .ر.س./hr	0.00 .ر.س.	Prorated	Standard
2	Developer	Work		D		100%	24.00 .ر.س./hr	.00 .ر.س./hr	0.00 .ر.س.	Prorated	Standard
3	Business analyst	Work		B		100%	22.00 .ر.س./hr	.00 .ر.س./hr	0.00 .ر.س.	Prorated	Standard
4	UI/UX designer	Work		U		100%	18.00 .ر.س./hr	.00 .ر.س./hr	0.00 .ر.س.	Prorated	Standard
5	Coordinator	Work		C		100%	20.00 .ر.س./hr	.00 .ر.س./hr	0.00 .ر.س.	Prorated	Standard
6	Tester	Work		T		100%	8.00 .ر.س./hr	.00 .ر.س./hr	0.00 .ر.س.	Prorated	Standard
7	Technician	Work		T		100%	10.00 .ر.س./hr	.00 .ر.س./hr	0.00 .ر.س.	Prorated	Standard
8	Electronic gate	Material		E			3,000.00 .ر.س.		0.00 .ر.س.	Prorated	
9	Computer	Material		C			3,000.00 .ر.س.		0.00 .ر.س.	Prorated	

RESOURCE OVERVIEW

RESOURCE STATS

Work status for all work resources.

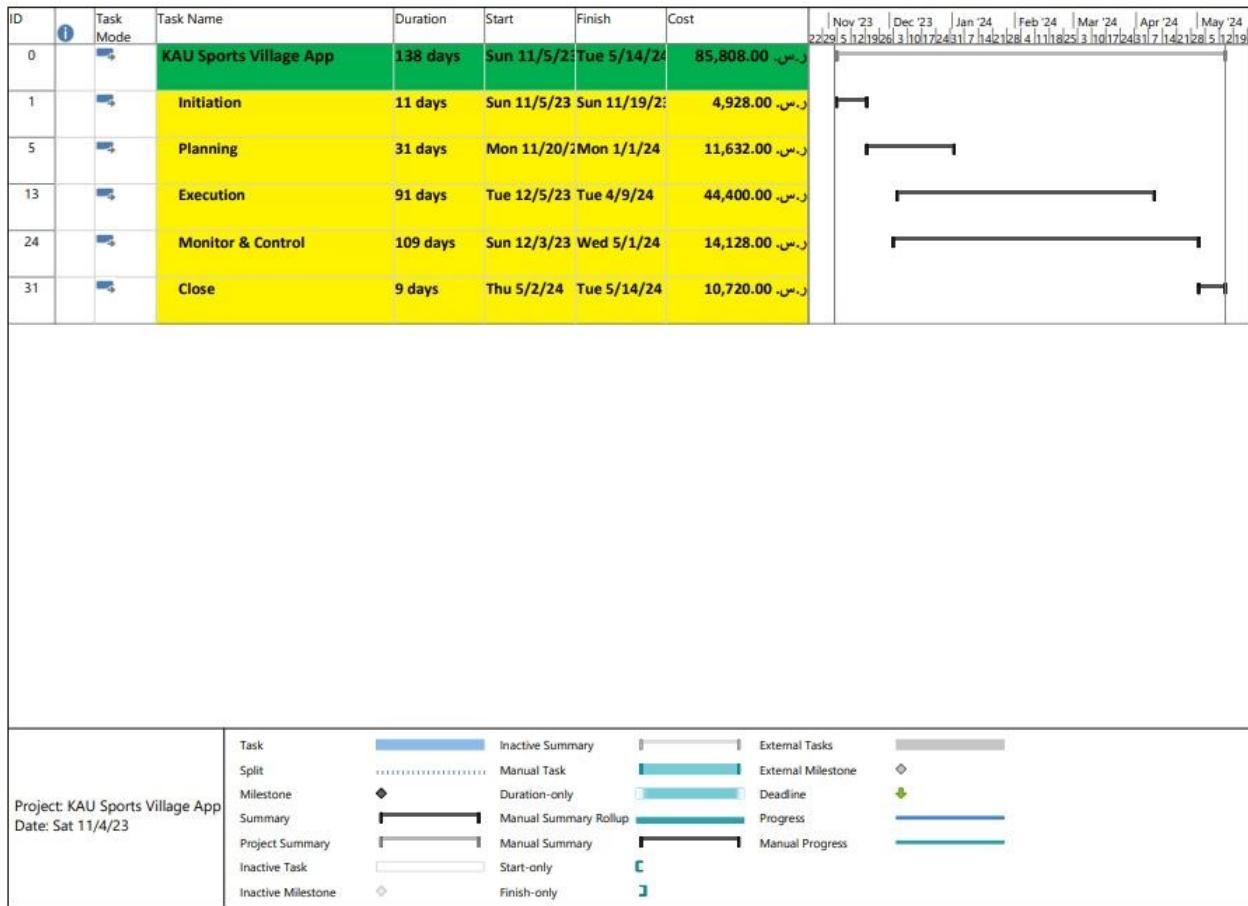


RESOURCE STATUS

Remaining work for all work resources.

Name	Start	Finish	Remaining Work
Project manager	Sun 11/5/23	Tue 5/14/24	400 hrs
Developer	Tue 12/5/23	Tue 3/12/24	720 hrs
Business analyst	Sun 11/5/23	Thu 5/9/24	616 hrs
UI/UX designer	Wed 1/10/24	Tue 1/30/24	120 hrs
Coordinator	Mon 11/20/23	Tue 5/14/24	128 hrs
Tester	Wed 3/13/24	Mon 4/22/24	232 hrs
Technician	Sun 12/10/23	Tue 3/12/24	760 hrs

Major Project Milestones



Detailed Project Schedule

Cost	Resource Names	Duration	Finish	Start	Name
1,024.00	Business analyst,Project manager	days 2	11/6/23Mon	11/5/23Sun	Define purpose
2,560.00	Business analyst,Project manager	days 5	11/13/23Mon	11/7/23Tue	Define scope
1,344.00	Project manager	days 4	11/19/23Sun	11/14/23Tue	Create project charter
1,984.00	Coordinator,Project manager	days 4	11/23/23Thu	11/20/23Mon	Set project team
1,232.00	Business analyst	days 7	12/4/23Mon	11/26/23Sun	Collecting requirements
528.00	Business analyst	days 3	12/7/23Thu	12/5/23Tue	Scope statement
1,680.00	Project manager	days 5	11/30/23Thu	11/26/23Sun	Plan schedule
1,344.00	Project manager	days 4	12/10/23Sun	12/5/23Tue	Plan budget
3,840.00	Business analyst,Technician	days 15	12/28/23Thu	12/10/23Sun	Source of domain analysis
1,024.00	Business analyst,Project manager	days 2	1/1/24Mon	12/31/23Sun	Included & Excluded
1,840.00	Business analyst,Developer	days 5	12/11/23Mon	12/5/23Tue	Divide requirements
2,560.00	Business analyst,Technician	days 10	12/25/23Mon	12/12/23Tue	Domain analysis
1,472.00	Business analyst,Developer	days 4	12/31/23Sun	12/26/23Tue	Use case diagram & Description
1,472.00	Business analyst,Developer	days 4	12/31/23Sun	12/26/23Tue	Class diagram
2,576.00	Business analyst,Developer	days 7	1/9/24Tue	1/1/24Mon	Interaction diagram
2,160.00	UI/UX designer	days 15	1/30/24Tue	1/10/24Wed	Design user interface
11,160.00	Developer,Technician [1],Computer	days 30	3/12/24Tue	1/31/24Wed	Implementation IOS
11,160.00	Developer,Technician [1],Computer	days 30	3/12/24Tue	1/31/24Wed	Implementation Android
2,720.00	Developer,Technician	days 10	1/14/24Sun	1/1/24Mon	Create separated DB
7,280.00	Tester,Computer	days 20	4/9/24Tue	3/13/24Wed	Testing
320.00	Tester	days 5	4/16/24Tue	4/10/24Wed	App Validating
256.00	Tester	days 4	4/22/24Mon	4/17/24Wed	App Verification
496.00	Coordinator,Project manager	day 1	4/23/24Tue	4/23/24Tue	Status meeting
9,584.00	Business analyst,Project manager,Computer	days 7	5/1/24Wed	4/23/24Tue	Project evaluation
1,984.00	Coordinator,Project manager	days 4	12/6/23Wed	12/3/23Sun	Schedule control
1,488.00	Coordinator,Project manager	days 3	12/13/23Wed	12/11/23Mon	Cost control
2,560.00	Business analyst,Project manager	days 5	5/8/24Wed	5/2/24Thu	Prepare documentation
672.00	Business analyst,Coordinator,Project manager	day 1	5/9/24Thu	5/9/24Thu	Sell the app
6,992.00	Coordinator,Project manager,Computer	days 2	5/13/24Mon	5/12/24Sun	Move authority to stakeholder
496.00	Coordinator,Project manager	day 1	5/14/24Tue	5/14/24Tue	Close the project