

Systems analysis and design

Dealings Project

Team Member :

- 1. Hussein Abd-Elkader**
- 2. Khaled Mohsen**
- 3. Doaa Atef Muhammed**
- 4. Doaa Othman**
- 5. Doaa Ahmed Gharib**
- 6. Salsabil Syed**
- 7. Enas Ragab**
- 8. Sanaa Mohamed**

2021/2022

Position	Members	Role
Champion	<ul style="list-style-type: none"> * Project sponsor. * Project manager. * team members (Android developer, ios developers, web developers...etc). * Database designer. 	<ul style="list-style-type: none"> * Providing the necessary hardware to implement the application (android, iphone and laptops devices). * Designing the application and its database.
Organizational Management	<ul style="list-style-type: none"> * Project sponsor. * Project manager. * Marketing agent. 	<ul style="list-style-type: none"> * Identification and management of risks (no more than 25% risk). * Determine the duration of the project (no more than a year). * Determine the budget of the project. * Marketing for this app.
System Users	<ul style="list-style-type: none"> * Professionals. * App users for the need. 	<ul style="list-style-type: none"> * Those who want to participate from among the professionals in this application must write down their skills, the nature of their work, their experiences and the certificates they obtained (if exist). * Whoever wants to communicate with any of the customers of these professions must download the application and search for the service he needs, and the professionals of this service will appear to him. * After completing the desired service, an opinion survey is conducted for both the customer and the owner of the profession about the application to make the desired developments.
<p><i>Created by:</i></p> <p><i>* Doaa Atef Muhammed</i></p> <p><i>* Doaa Othman Muhammed</i></p>		

RISK ASSESSMENT

RISK #1 :

The IT department probably doesn't have enough knowledge on the Android AAP.

Likelihood of risk :

High probability of risk.

Potential impact on the project :

This risk is likely to increase project budget and time.

Ways to address this risk :

It is important that we provide employees with excellent experience and knowledge of the android system, and provide our employees with training in the android system or overcome this by purchasing the system from another company.

RISK #2 :

It is possible that some professionals or users are insufficiently familiar with the use of application.

Likelihood of risk :

High probability of risk.

Potential impact on the project :

It is likely to affect the acceptance and use of the application, and thus its success.

Ways to address this risk :

We will create lots of advertising to awareness and educate professionals and users about the application and how to use it.

RISK #3 :

While booking in the system, there can be confusion in available time, such as when one user is booking an appointment and it can be booked by another user.

Likelihood of risk :

Low probability of risk.

Potential impact on the project :

This risk could affect the evaluation and feedback of the project by users.

Ways to address this risk :

If an appointment has been booked, the new user can no longer book the same appointment and it is important to have a table showing the time available and the time reserved to avoid confusion.

Created by :

. Doaa Othman Muhammed .

Project work plan

Task ID	Task Name	Assigned To	Duration (days)	Start Date	Finish Data	Start Date 2	Finish Data 2	Duration Variance (days)	Dependency	Status
1	Planning									
1.1	System Request	• Doaa Ahmed Gharib • Doaa Atef Muhammed	36	2022-01-01	2022-02-06	2022-01-01	2022-01-10	9		closed
1.2	Feasibility									
1.2.1	Economic Feasibility	• Hussein Abd-Elkader • Enas Ragab	36	2022-01-01	2022-02-06	2022-01-11	2022-01-20	9		closed
1.2.2	Technical Feasibility	• Doaa Othman • Salsabil Syed	36	2022-01-01	2022-02-06	2022-01-21	2022-01-30	9	1.2.1	closed
1.2.3	Organization feasibility	• Doaa Atef Muhammed • Doaa Othman	38	2022-02-07	2022-03-17	2022-02-07	2022-03-15	36		closed
1.3	Project work plan	• Hussein Abd-Elkader • Khaled Mohsen	38	2022-02-07	2022-03-17	2022-02-10	2022-03-14	32		closed
1.4	Gannt chart	• Sanaa Mohamed • Salsabil Syed	27	2022-03-18	2022-04-14	2022-03-18	2022-04-12	25	1.3	closed
2	Analysis									
2.1	Requirements									
2.1.1	Functional Requirements	• Hussein Abd-Elkader • Enas Ragab	30	2022-04-15	2022-05-15					open
2.1.2	Nonfunctional Requirements	• Doaa Othman • Salsabil Syed	30	2022-04-15	2022-05-15					open
2.2	Interviews									
2.2.1	Selecting Interviewees	• Hussein Abd-Elkader • Enas Ragab	40	2022-05-16	2022-06-25					open
2.2.2	Designing Interview Questions	• Sanaa Mohamed • Salsabil Syed	40	2022-05-16	2022-06-25					open
2.2.3	Preparing for the Interview	• Doaa Ahmed Gharib • Doaa Atef Muhammed	40	2022-05-16	2022-06-25					open
2.2.4	Conducting the Interview	• Khaled Mohsen • Hussein Abd-Elkader	24	2022-06-26	2022-07-20					open
2.2.5	Post-interview Follow-up	• Enas Ragab • Doaa Othman	24	2022-06-26	2022-07-20					open
2.3	Root Cause Analysis	• Salsabil Syed	24	2022-06-26	2022-07-20					open
2.4	Building Use Cases	• Doaa Ahmed Gharib • Doaa Othman	20	2022-07-21	2022-08-10					open
2.5	Creating Data Flow Diagram	• Khaled Mohsen	20	2022-07-21	2022-08-10					open
2.6	Creating ERD	• Sanaa Mohamed • Salsabil Syed	20	2022-07-21	2022-08-10					open
3	Design									
3.1	creating Alternative Matrix	• Khaled Mohsen	35	2022-08-11	2022-09-15					open
3.2	Design Requirements	• Hussein Abd-Elkader • Enas Ragab	35	2022-08-11	2022-09-15					open
3.2.1	Operational Requirements	• Doaa Othman • Salsabil Syed	35	2022-08-11	2022-09-15					open
3.2.2	Performance Requirements	• Doaa Ahmed Gharib • Doaa Othman	35	2022-09-16	2022-10-21					open
3.2.3	Security Requirements	• Hussein Abd-Elkader • Enas Ragab	35	2022-09-16	2022-10-21					open
3.2.4	Cultural and Political Requirements	• Sanaa Mohamed • Salsabil Syed	35	2022-09-16	2022-10-21					open
3.3	Tune Source ISD	• Khaled Mohsen	35	2022-10-22	2022-11-26					open
3.4	Program Design		35	2022-10-22	2022-11-26					open
3.5	Data Storage Design	• Hussein Abd-Elkader • Enas Ragab	35	2022-10-22	2022-11-26					open
4	Implementation									
4.1	Android app	• Doaa Ahmed Gharib • Doaa Othman	33	2022-11-27	2022-12-30					open
4.2	IOS app	• Hussein Abd-Elkader • Enas Ragab	33	2022-11-27	2022-12-30					open
4.3	Website	• Sanaa Mohamed • Salsabil Syed	33	2022-11-27	2022-12-30					open
4.4	Test Plan	• Khaled Mohsen	33	2022-11-27	2022-12-30					open
4.5	Documentation	• Doaa Ahmed Gharib • Doaa Othman	33	2022-11-27	2022-12-30					open
4.6	Problem Reports	• Hussein Abd-Elkader • Enas Ragab	33	2022-11-27	2022-12-30					open
4.7	Project Assessment	• Khaled Mohsen	33	2022-11-27	2022-12-30					open

Created by:












* Hussein Abd-Elkader Hussein




















* Khaled Mohsen

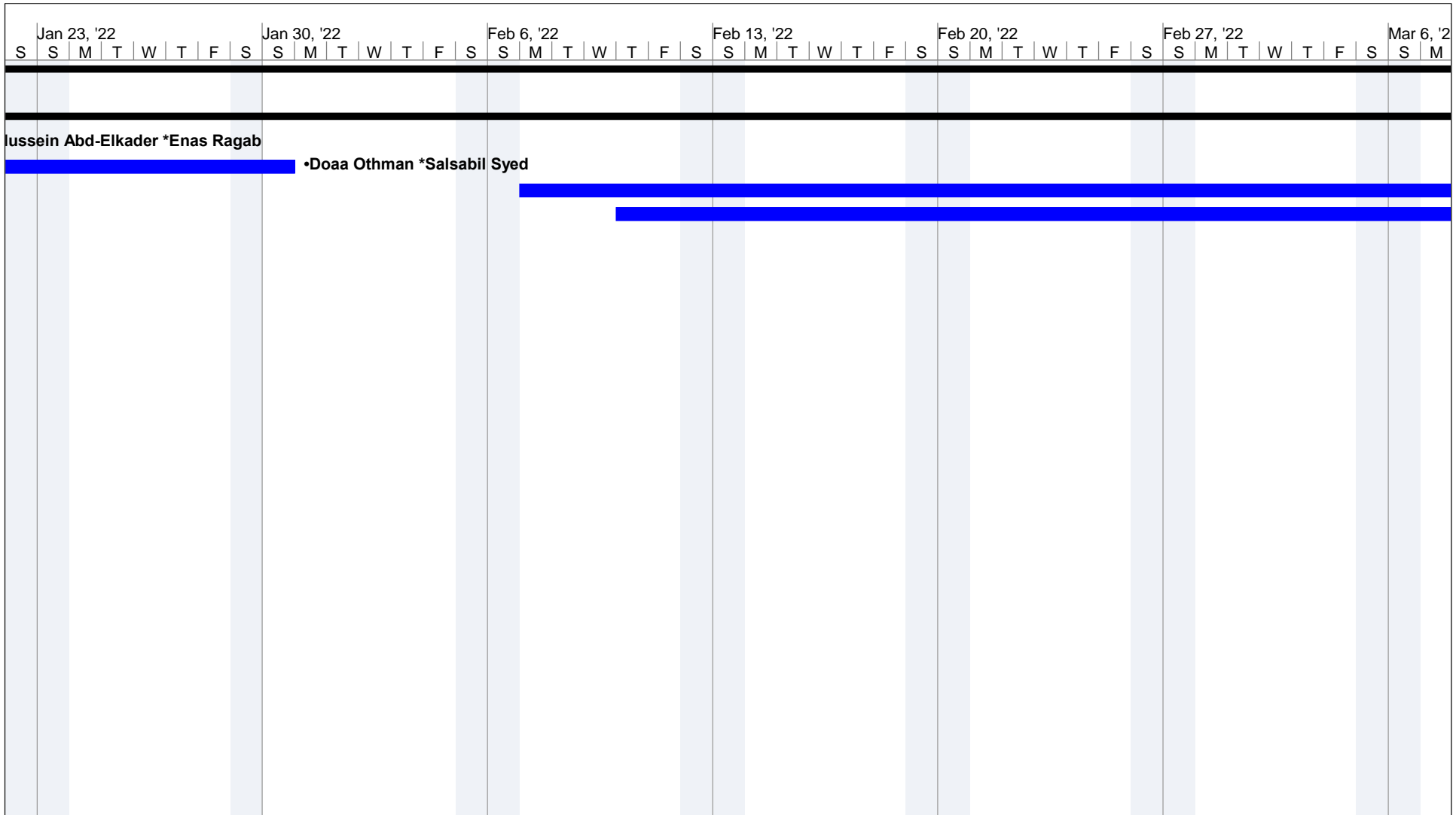
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							F S S M T W T F S	S M T W T F S	S M T W T F S
1		(1)Planning	74 days?	Sat 1/1/22	Tue 4/12/22				
2		(1.1) System Request	7 days?	Sat 1/1/22	Mon 1/10/22				
3		(1.2) Feasibility	47 days?	Tue 1/11/22	Tue 3/15/22				
4		(1.2.1) Economic Fe	8 days?	Tue 1/11/22	Thu 1/20/22				
5		(1.2.2) Technical Fe	7 days?	Fri 1/21/22	Sun 1/30/22	4			
6		(1.2.3)Organization f	27 days?	Mon 2/7/22	Tue 3/15/22				
7		(1.3) Project work plan	23 days?	Thu 2/10/22	Mon 3/14/22				
8		(1.4) Gannt chart	18 days?	Fri 3/18/22	Tue 4/12/22	7			
9		(2) Analysis	41 days?	Mon 3/21/22	Sun 5/15/22				
10		(2.1) Requirements	22 days?	Fri 4/15/22	Sun 5/15/22				
11		(2.1.1)Functional Re	22 days?	Fri 4/15/22	Sun 5/15/22				
12		(2.1.2) Nonfunction	22 days?	Fri 4/15/22	Sun 5/15/22				
13		(2.2) Interviews	31 days?	Mon 3/21/22	Mon 5/2/22				
14		(2.2.1)Selecting Inte	31 days?	Mon 3/21/22	Mon 5/2/22				
15		(2.2.2)Designing Inte	31 days?	Mon 3/21/22	Mon 5/2/22				
16		(2.2.3)Preparing for t	31 days?	Mon 3/21/22	Mon 5/2/22				
17		(2.2.4)Conducting th	18 days?	Mon 3/21/22	Wed 4/13/22				
18		(2.2.5)Post-interview	18 days?	Mon 3/21/22	Wed 4/13/22				
19		(2.3)Root Cause Analys	18 days?	Mon 3/21/22	Wed 4/13/22				
20		(2.4) Building Use Case	15 days?	Mon 3/21/22	Fri 4/8/22				
21		(2.5) Creating Data Flo	15 days?	Mon 3/21/22	Fri 4/8/22				
22		(2.6)Creating ERD	1 day?	Mon 3/21/22	Mon 3/21/22				
23		(3) Design	131 days?	Mon 3/21/22	Thu 9/15/22				
24		(3.1)creating Alternative	26 days?	Thu 8/11/22	Thu 9/15/22				
25		(3.2)Design Requirem	131 days?	Mon 3/21/22	Thu 9/15/22				
26		(3.2.1) Operational f	26 days?	Thu 8/11/22	Thu 9/15/22				
27		(3.2.2) Performance	26 days?	Mon 3/21/22	Mon 4/25/22				
28		(2.2.3) Security Requ	26 days?	Mon 3/21/22	Mon 4/25/22				
29		(3.2.4)Cultural and F	26 days?	Mon 3/21/22	Mon 4/25/22				
30		(3.3) Tune Source ISD	25 days?	Mon 3/21/22	Fri 4/22/22				
31		(3.4) Program Design	25 days?	Mon 3/21/22	Fri 4/22/22				
32		(3.5) Data Storage Des	25 days?	Mon 3/21/22	Fri 4/22/22				

Project: Gannt Chart.mpp
Date: Sun 3/20/22

Task		Inactive Milestone		Finish-only	
Split		Inactive Summary		External Tasks	
Milestone		Manual Task		External Milestone	
Summary		Duration-only		Progress	
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External Tasks		Manual Summary			
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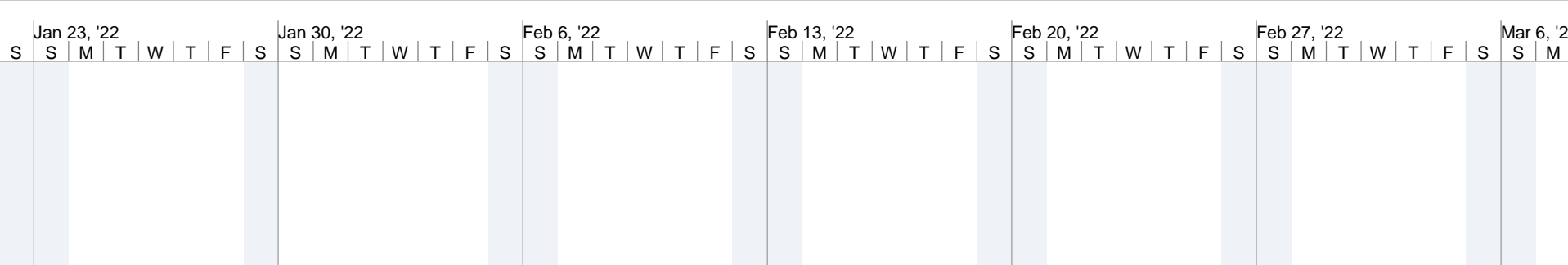
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33		(4) Implementation	32 days?	Thu 11/17/22	Fri 12/30/22																													
34		(4.1) Android app	32 days?	Thu 11/17/22	Fri 12/30/22																													
35	 	(4.2) IOS app	25 days?	Mon 11/28/22	Fri 12/30/22																													
36	 	(4.3) Website	3 days?	Mon 11/28/22	Wed 11/30/22																													
37	 	(4.4) Test Plan	3 days?	Mon 11/28/22	Wed 11/30/22																													
38		(4.5) Documentation	25 days?	Mon 11/28/22	Fri 12/30/22																													
39	 	(4.6) Problem Reports	3 days?	Mon 11/28/22	Wed 11/30/22																													
40		(4 . 7) Project Assessment	32 days?	Thu 11/17/22	Fri 12/30/22																													

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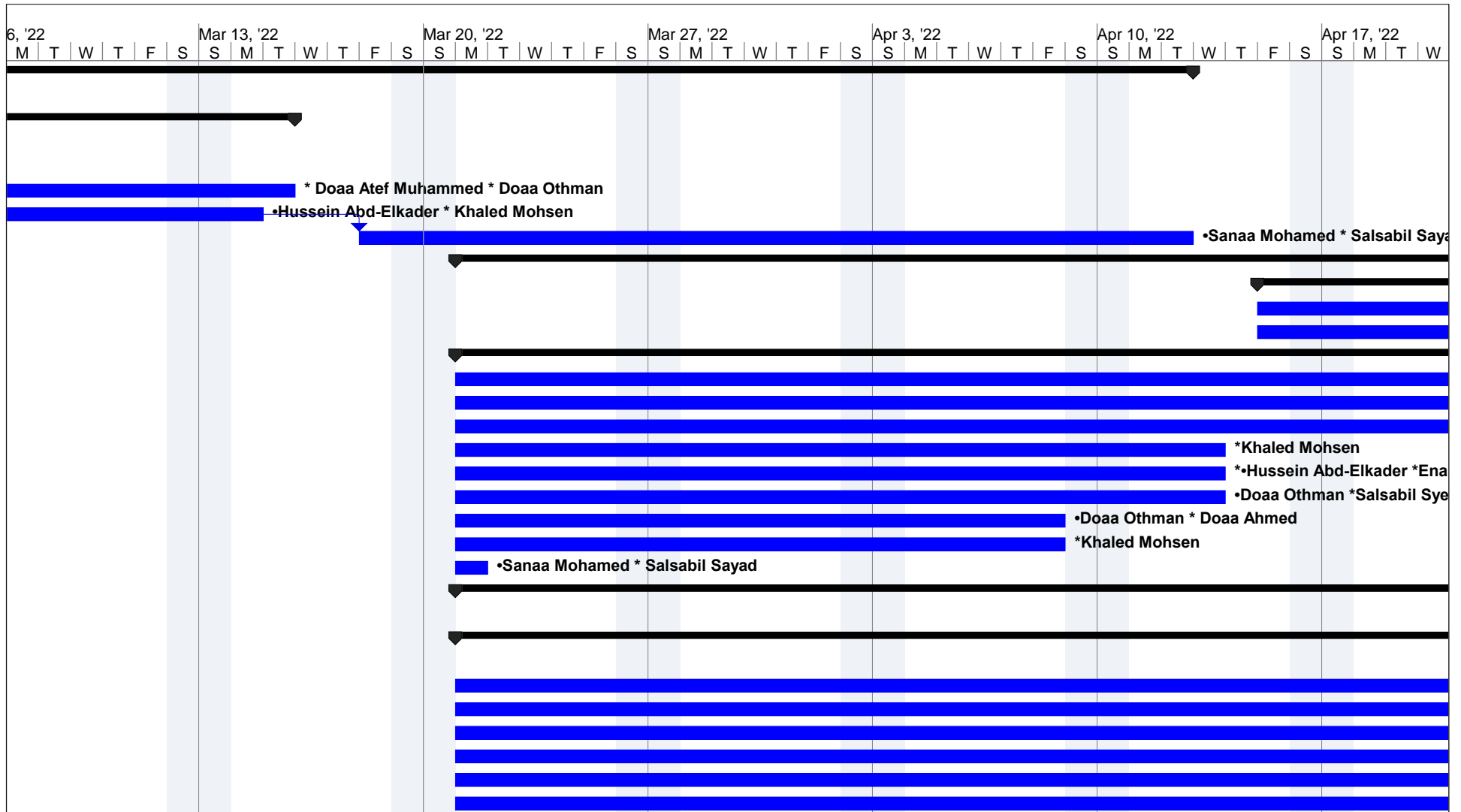


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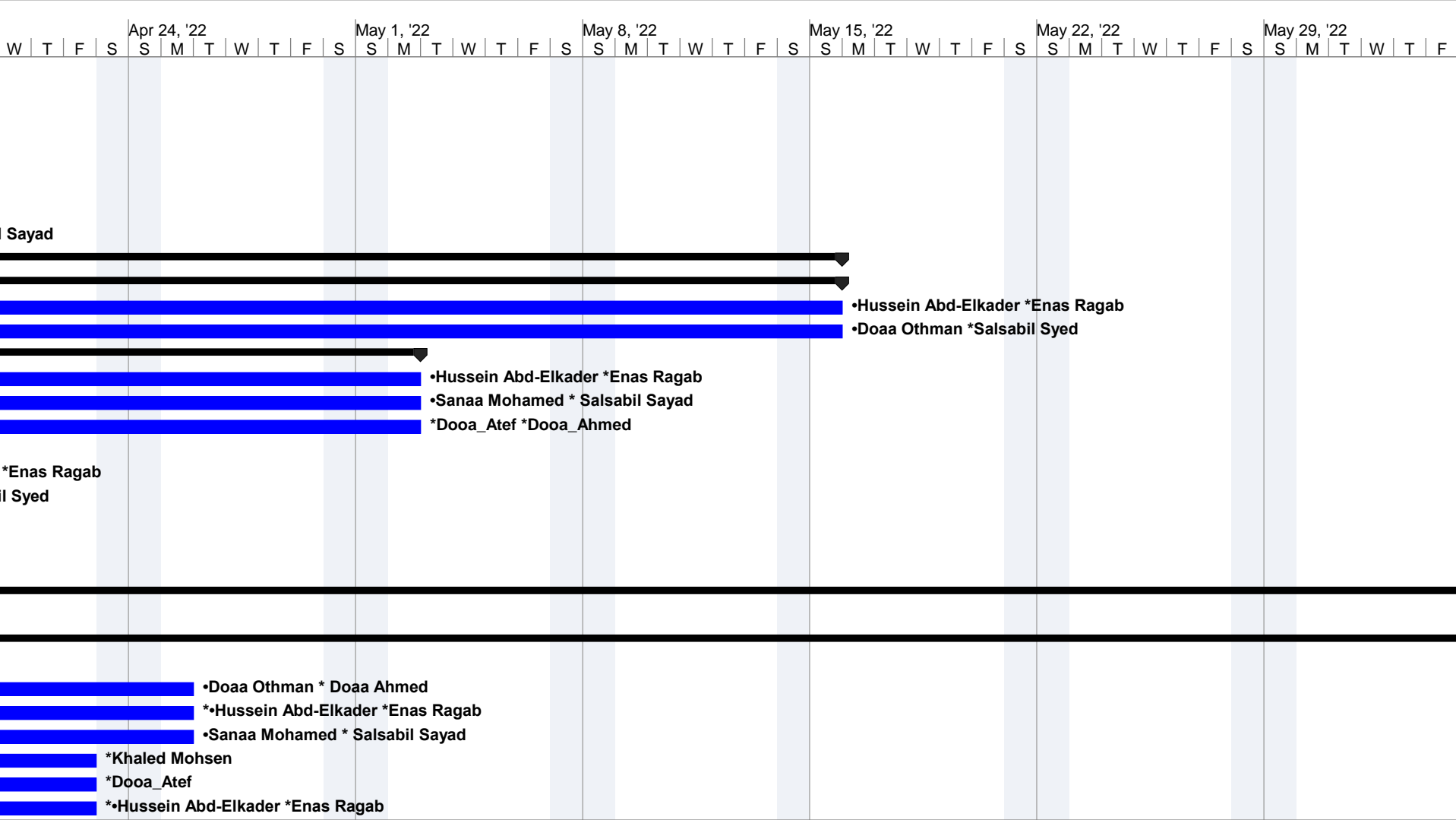





















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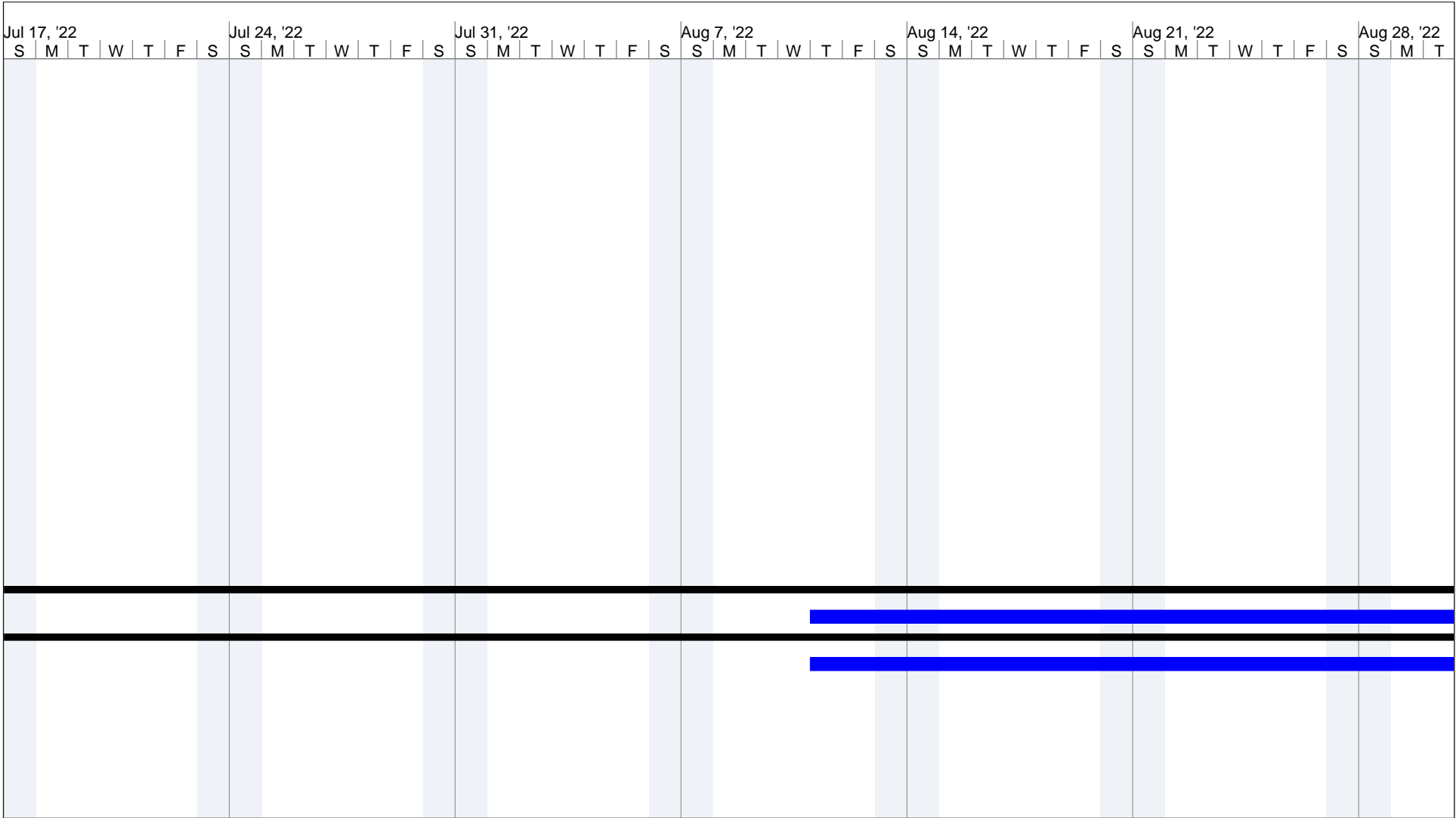
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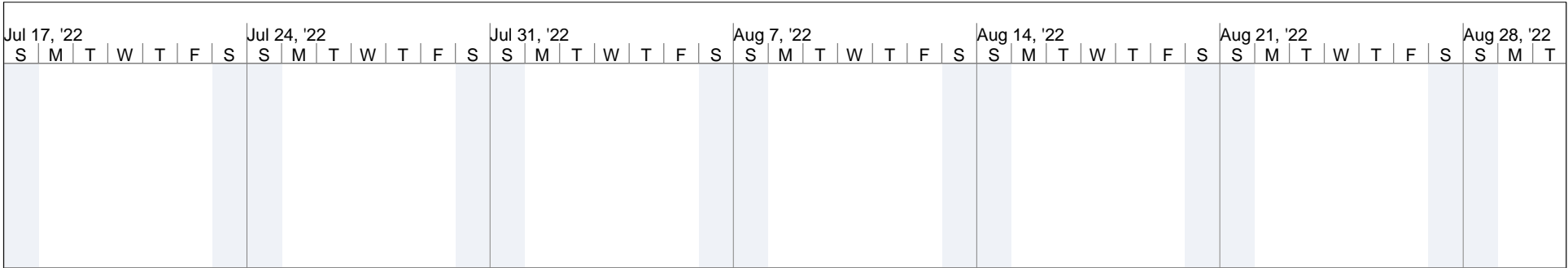


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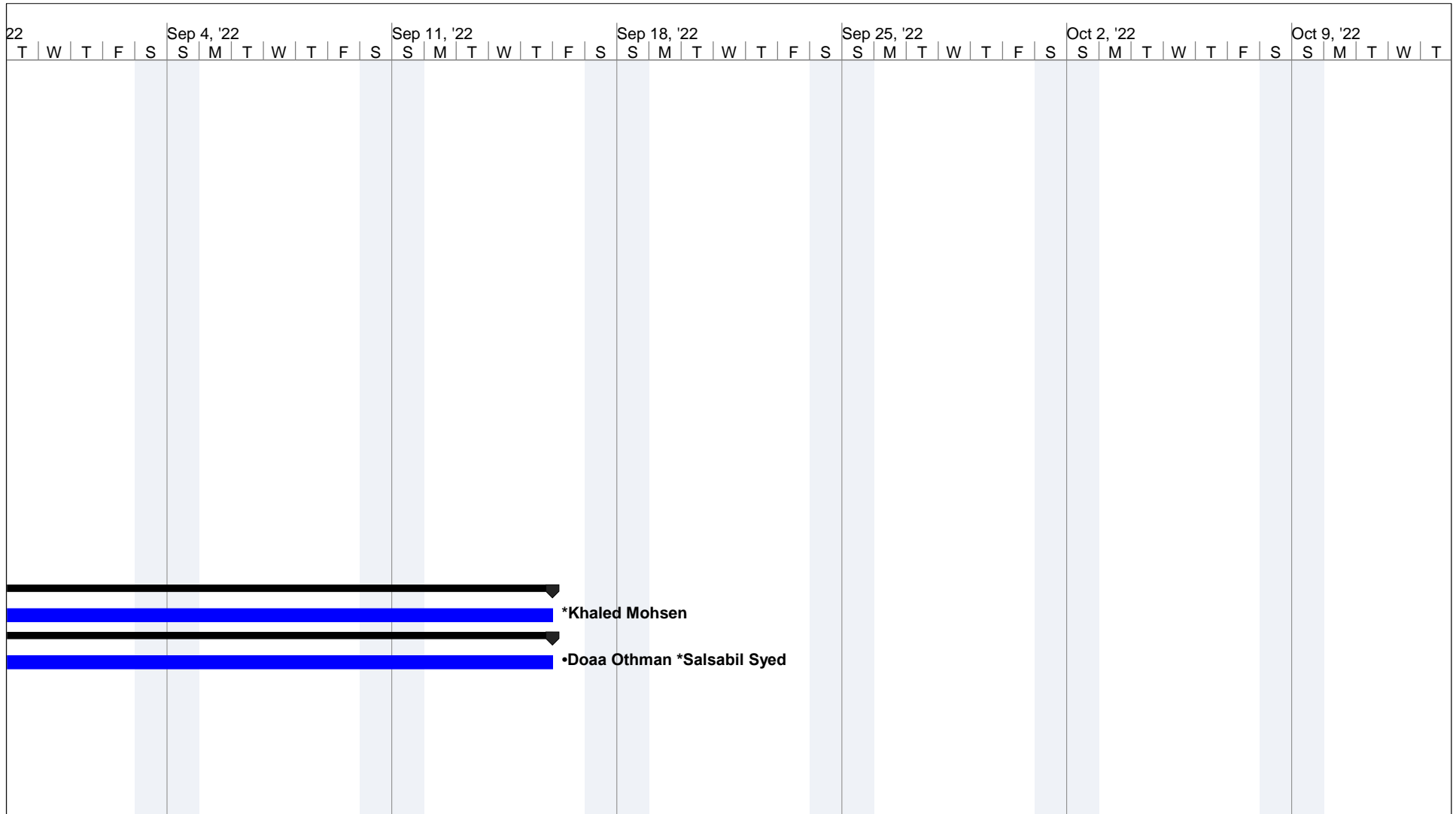


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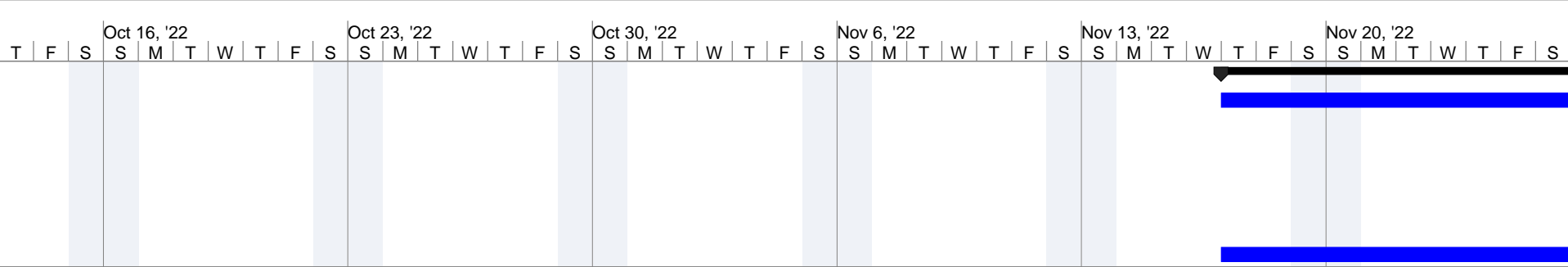


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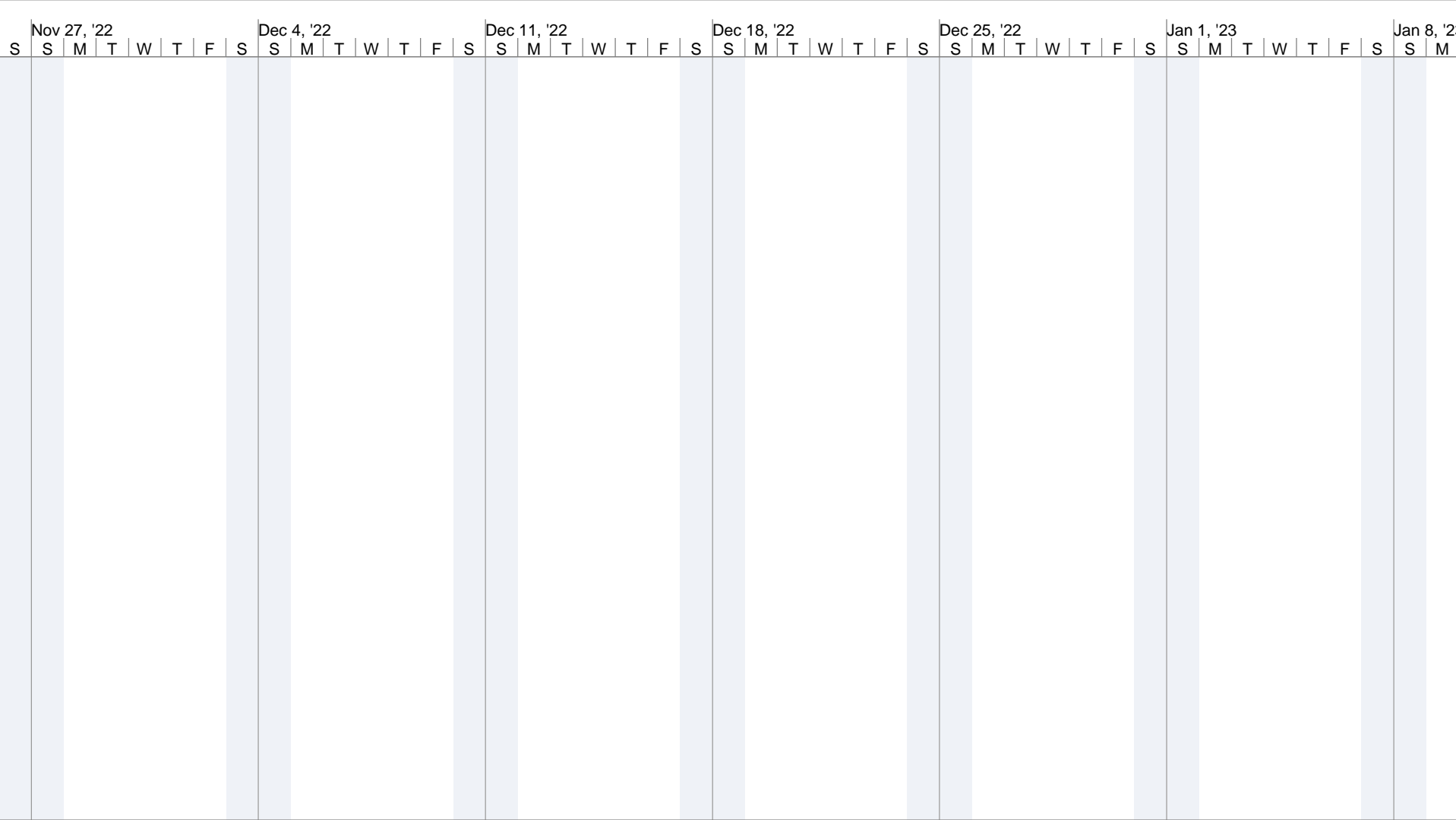
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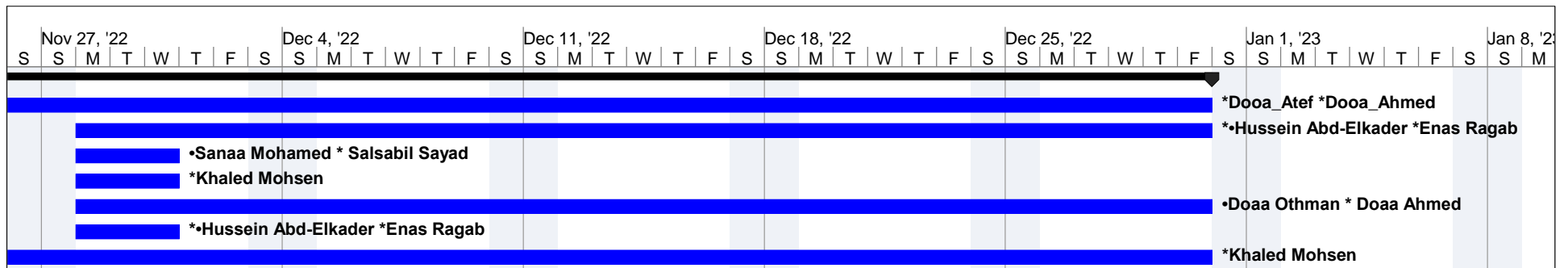
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Created by:

- **Sanaa Mohamed**
- **Salsabil Syed**

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