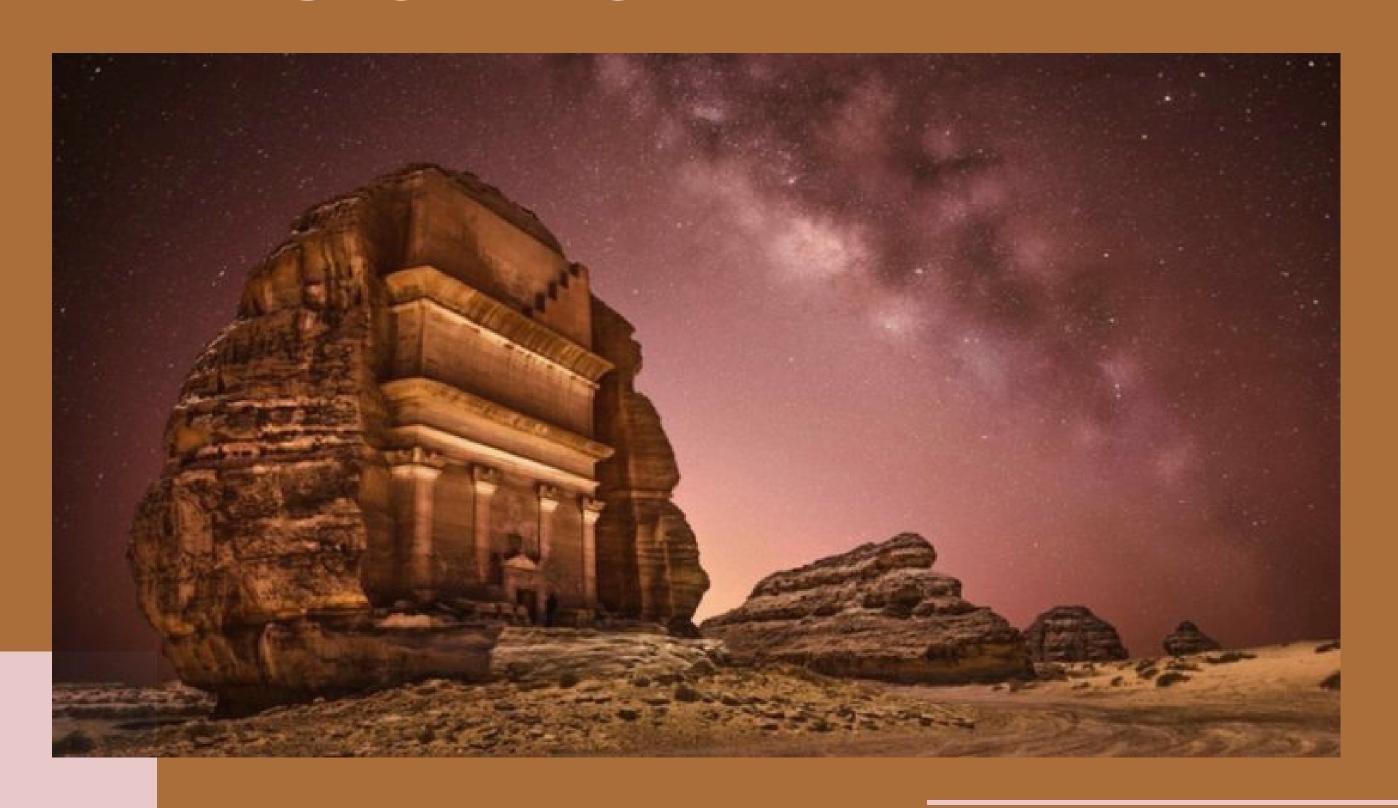
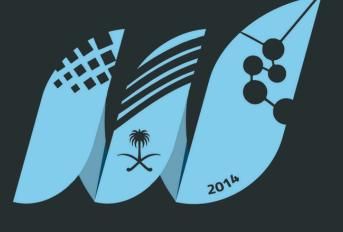
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BY LOCALS



Team Members



ة جدة

CCSW-315 Software Process Models

Section SA7 Supervised by Dr/ Muna Altherwi

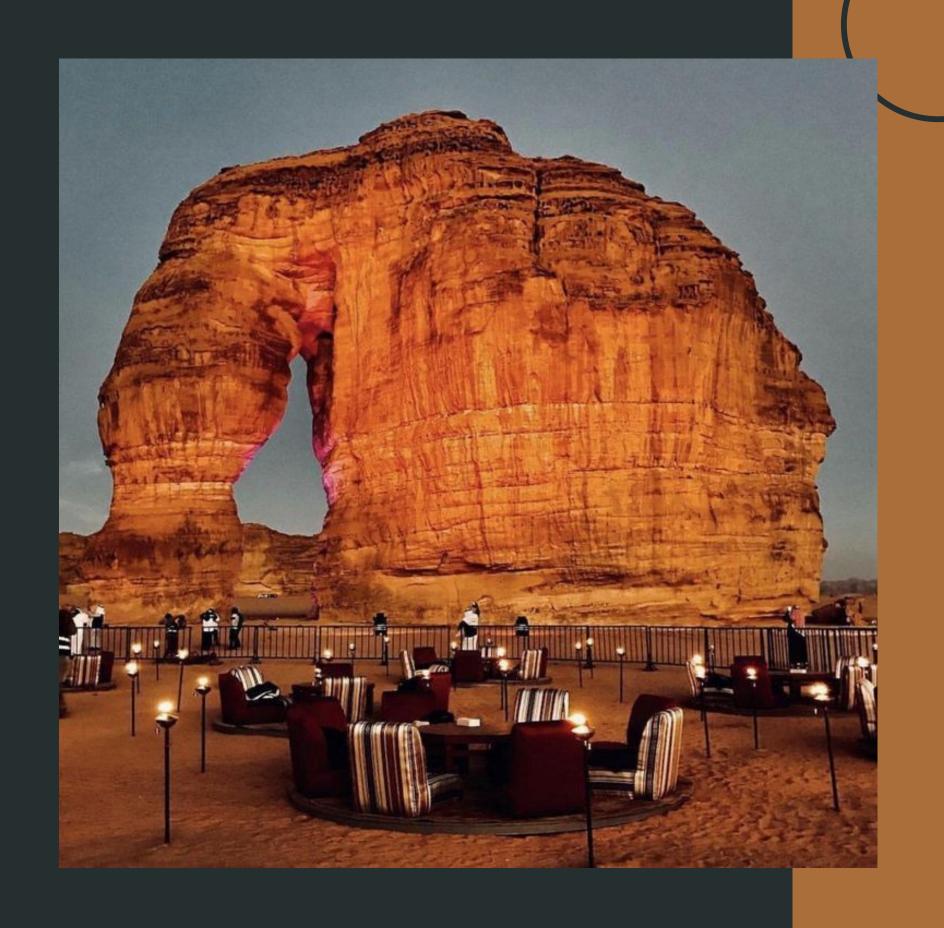
Student Name Student ID

Suha Ibrahim Alsulami 2110477

Reem Essam Hussain 2115694

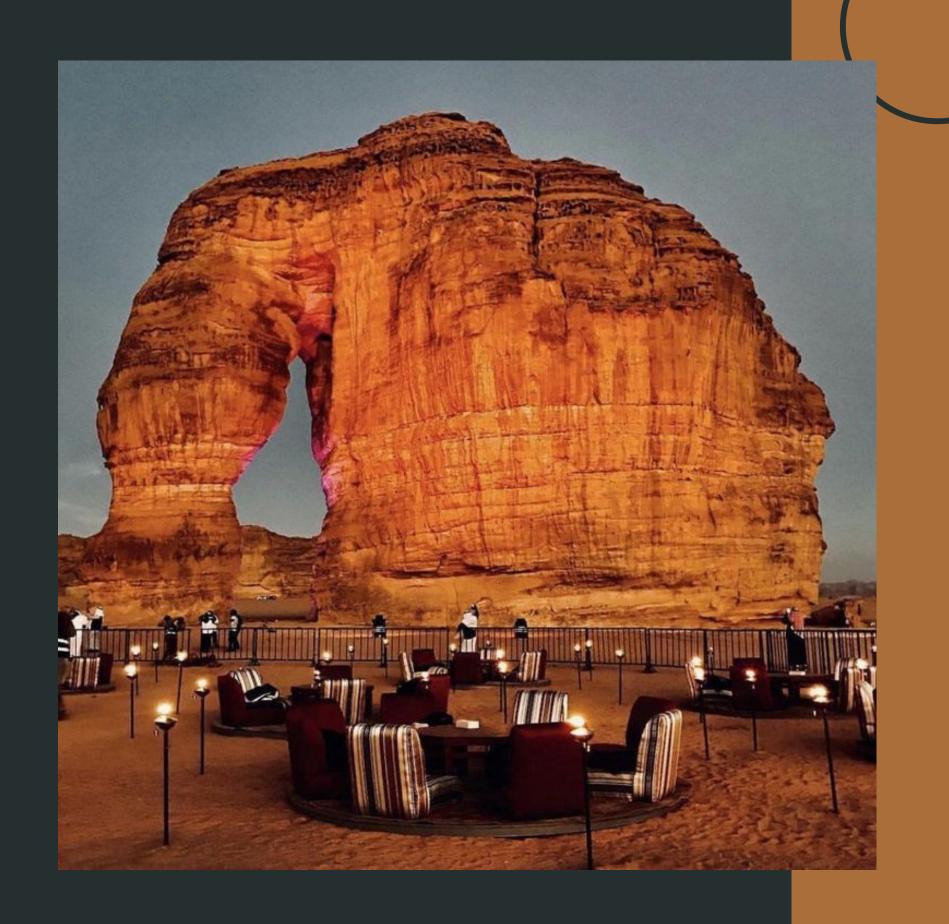
Tala Mowafq Filmban 2110151

Reem Tariq Bakker 2119578



PROJECT IDEA

The main idea of the application is about helping the tourists to search for recommendations based on location, category, and popularity, or simply browse through the latest posts from local experts. Each recommendation includes photos, descriptions, and insider tips from the person who posted it, helping tourists to get a sense of what to expect and how to make the most of their visit.



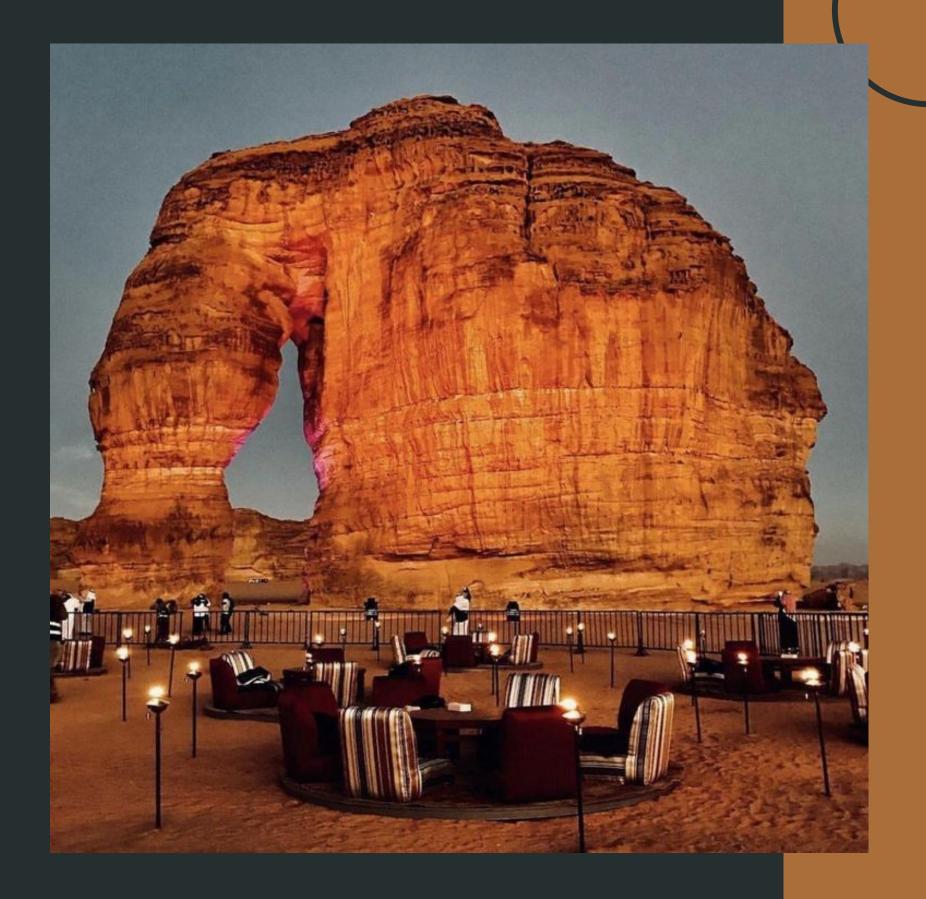
PROBLEM DEFINITION

Tourism is a rapidly growing sector in Saudi Arabia, and it's a key part of the Saudi vision 2030. However, many people are unaware of the amazing new places and tourist sites that have appeared. There's also a lack of suitable platforms for people to share and post about these places and reach a larger audience.



PROPSED SOLUTION

Our application helps tourists explore the captivating tourist destination of AlUla in Saudi Arabia, with an easy-touse interface and a comprehensive database of attractions. Tourists can search for recommendations based on location, category, and popularity, or browse through the latest posts from local experts. Each recommendation includes photos, descriptions, and insider tips to help tourists make the most of their visit.



SCOPE

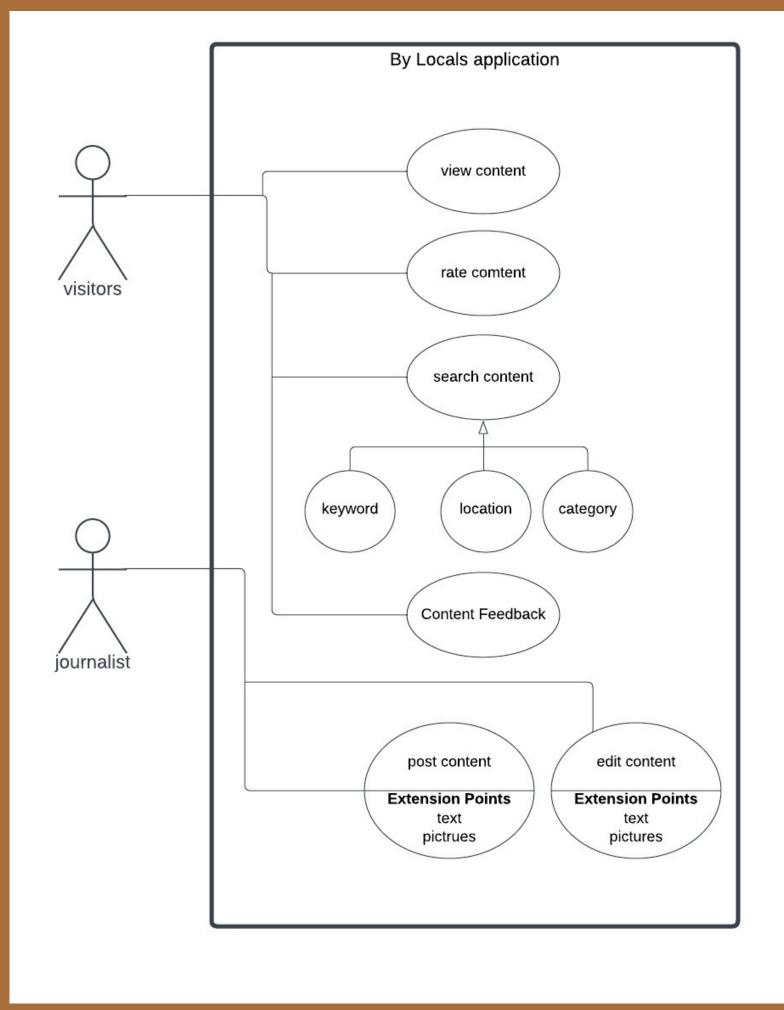
The scope of our application is to provide visitors with personalized recommendations to the city's tourist attractions.



USERs

• Journalists: provide descriptions and pictures of tourist attractions and encourage people to visit them.

• Visitors : browse through recommendations, view pictures

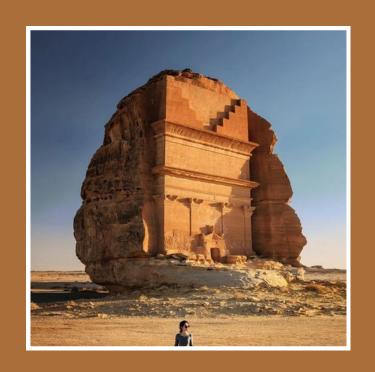


USE CASE DIAGRAM

User username : String password : String - mobileNumber: int - firstName : String - lastName : String - dateOfBirth : LocalDate + displayInfo() + calculateAge() +getUsername() + setUsername() + getPassword() + setPassword() + getMobileNumber() +setMobileNumber() + getFirstName() +setFirstName() +getLastName() +setLastName() +getDateOfBirth() +setDateOfBirth() JournalistMenu Visitor Journalist VisitorMenu Journalist() + Visitor + Visitor +createAccount() +createAccount() + login() + login() +findVisitorByUsername() +findVisitorByUsername() + createContent() +isUsernameTaken() +isUsernameTaken() + isLinkFormat(+isValidUsemame() +isValidUsername() + containsOnlyNumbers() +isValidPassword() +isValidPassword() +saveAttraction() +isValidPhoneNumber() +isValidPhoneNumber() +isValidName() +isValidName() Places - places: String

CLASS DIAGRAM

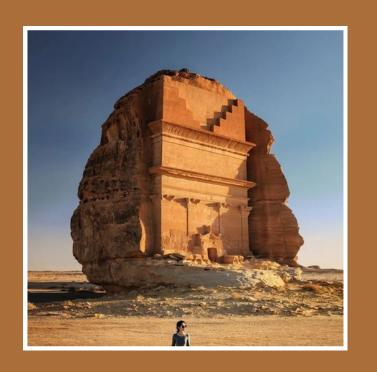




SPRINT#1

Search Content:
Visitors should be able to search for attractions
by keyword, location, or category



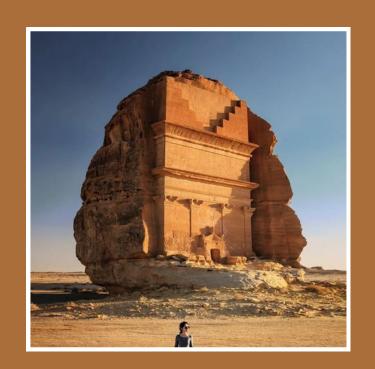


SPRINT#2

Create Content:

Journalist must be able to create descriptions including text and pictures for the platform



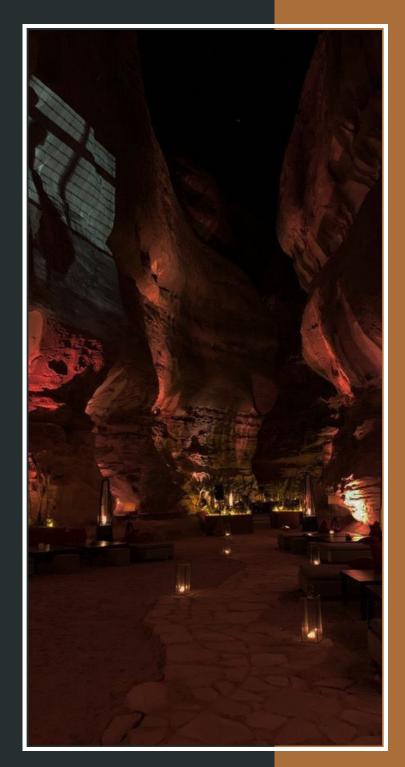


SPRINT#3

User Authentication:
Visitors and Journalists must be able to create accounts and log in to access the .platform's features

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LESSONS LEARNED



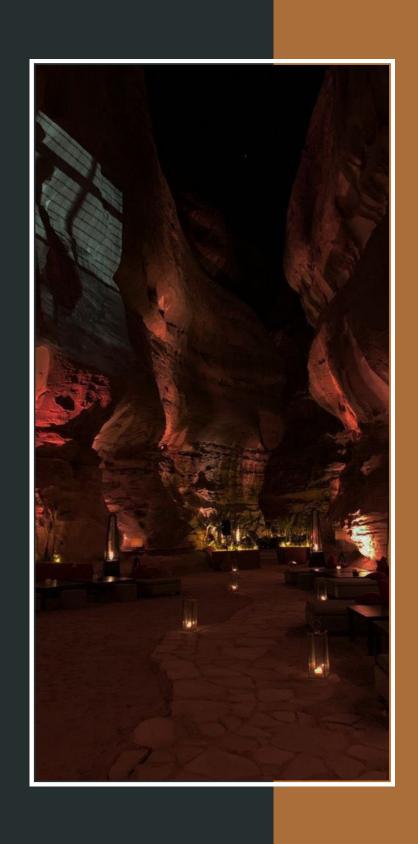
We benefited a lot from working on this project, the steps and details weren't clear at first, but when we started working step by step it became easier, clearer and less complicated, starting from square one and doing the right actions including collecting data, analyzing it and using some UML diagrams to organize ideas and define outline it.

The Methodology

Scrum

We chose Scrum, an agile methodology Because it provides a flexible and adaptable

It allow teams to work collaborative and iteratively to deliver high quality software quickly



TOOLS USED

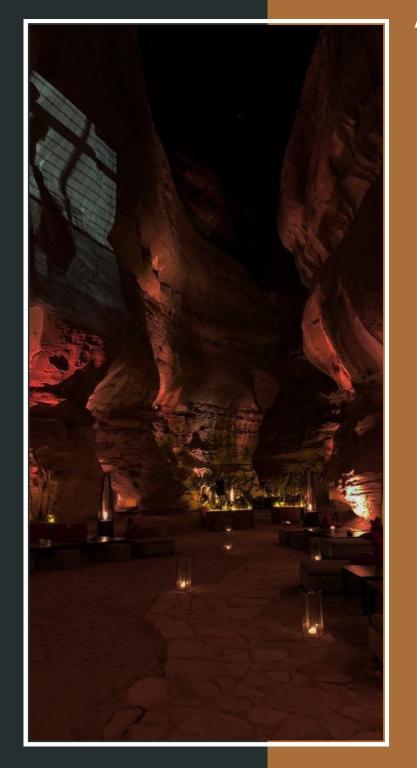
Github.

Click Here to access the link

Asana (for software project management)

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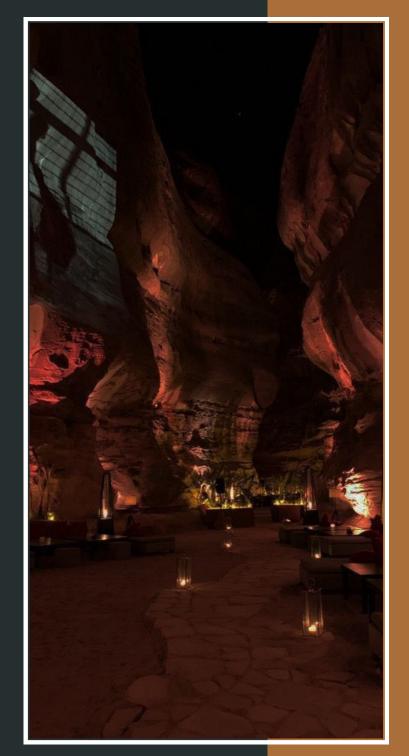
AGILE PLANNING TOOL (ASANA)



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By Locals Software Project Plan ✓ ☆ Add to favorites ○ Set status Overview List Board Timeline Calendar Workflow Dashboard Messages Files					RH) S Re TF		: Customize
+ Add task V F Filter 14 Sort 🕮 Show fields							
Task name	v	Assignee	Due date	Priority	Progress	Stage	+
▼ Sprint #1							
		RH REEM HUSS	Today	Medium		Complet	
		Reembakker	1 May – Today	High		Complet	
		RH REEM HUSS	1 May	Medium		Complet	
		TF Tala Filmban	1 May	Medium		Complet	
		TF Tala Filmban	29 Apr – 3 May	High		Complet	
Explanation of implementation		S Suha Alsulami	1 – 2 May	High		Complet	
O Class and use-case diagrams update		TF Tala Filmban	1 May – Today	High		Complet	
O Design requirement (sequence diagram)		S Suha Alsulami	3 May	High		Complet	
		S Suha Alsulami	3 May	Medium		Complet	
Assignment 1 document		Re Reembakker	Today	High		Complet	

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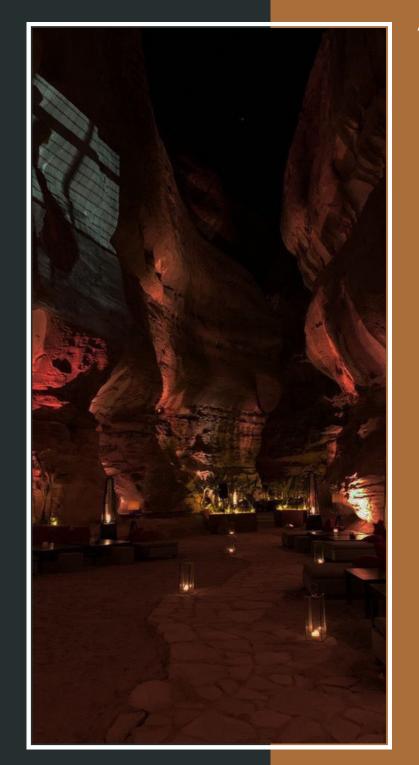
AGILE PLANNING TOOL (ASANA)



Task name	Assignee	Due date	Priority	Progress	Stage	+
	RH REEM HUSS	15 – 18 May	High	100%%	Completed	
Sprint meeting	Re Reembakker	Today	High	100%%	Completed	
	TF Tala Filmban	Today	Medium	100%%	Completed	
Mention every tool you used	TF Tala Filmban	17 May	Medium	100%%	Completed	
	S Suha Alsulami	14 May – Today	High	95%%	Completed	
Eplanations of implementation	S Suha Alsulami	Today	Medium	100%%	Completed	
	RH REEM HUSS	14 – 21 May	Medium	95%%	Completed	
O Design and analysis for each requirement in the sprint	TF Tala Filmban	15 – 18 May	Medium	90%%	Completed	
	S Suha Alsulami	17 May	High	90%%	Completed	
Sprint document	Re Reembakker	15 May – Today	High	100%%	Completed	

BY LOCALS ALUL/

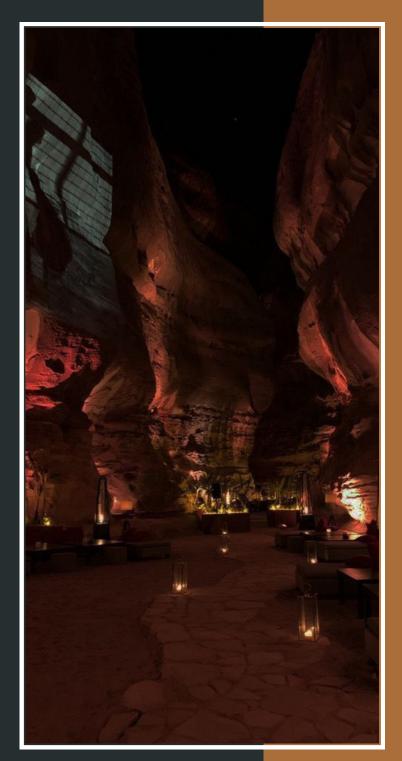
AGILE PLANNING TOOL (ASANA)



▼ Sprint #3			
	(G) REEM HUSS 29 May	High	100%% Complet
Sprint meeting	Reembakker 27 = 29 May	Medum	100%% Complet
Mention every tool you used	Tala Filmban 29 May	Medium	1001616 Complet
	19 Tata Filmban 29 May	Medium	100%N Complet.
○ Test case	Tela Filmban 27 May	High	100%% (Complet)
⊘ Implementation	Suna Alsulami 27 – 29 May	High	100%% Complet
Eplanations of implementation	Suha Alsulami 27 – 29 May	Madium	100%% (Complet)
Class diagram update with every sprint	Reembakker 29 May	Medium	97%% Complet.
Design and analysis for each requirement in the sprint	REEM HUSS 29 May	Medium	100%% (Complet)
	Reembakker 29 May	High	100%% Complet
Add task		50	M 997%%

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CONCLUSION



We faced challenges with time management, online organization, and changing requirements while developing our application. However, we learned a lot through the process, starting with data gathering and using UML diagrams to organize our ideas. As we progressed, the application's details became clearer, and we became more efficient in our work.