

Final Project Write-Up
Project Title: Remember Sudan
By: Zaynab At-Taras

Part 1:

“Remember Sudan” is a digital storytelling website for Sudanese people to document stories from their homeland. The reason this is important is because currently there is a war in Sudan that in the last 6 months alone has killed over 10,000 people and displaced millions. The majority of Sudanese people had to leave their ancestral homes as a result of the violence. Many of these homes, since then, have been destroyed or looted by militia forces. This platform aims to be a place where Sudanese people can use it to remember their treasured memories.

The audience of this website is the Sudanese people and their allies. The website allows Sudanese people to tell their stories. In addition, this website allows allies to learn about Sudan and the Sudanese people outside the context of violence and war.

The website is engaging because of the interactive map on the home page that allows users to click on any state in Sudan. Once they click on a state they will be able to learn more about that state's history and read some of the stories from that state.

Part 2:

Submit a Story

- From the home page Click on the “Story Submission” button
 - Input a story title, Pick a state, enter story text, choose an image, enter image description and click submit
 - Note due to server limitation chosen picture doesn't link to story
 - Return to the Homepage and click on the State you choose
 - You will see the story listed on the State page
 - Here is an example story you can add using this information{
 - Story Title:Attaras Name
 - State: Al-Khartum
 - Image:anything from your computer(again it isn't linked for this demo due to server constraints)
 - Image Description: anything
 - Story Text:

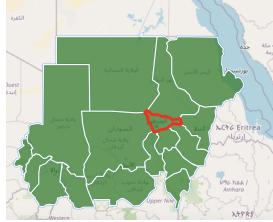
Fadlallah grew up in a quaint village nestled along the fertile banks of the Blue Nile, just outside Khartoum. His family, generations of farmers, tilled the land with a deep connection to the earth. Yet, Fadlallah harbored dreams beyond the golden fields of his ancestral home.

Yearning for new horizons, Fadlallah decided to seek work in a more advanced village. The allure of progress, education, and novel experiences drew him away from the familiar landscapes of his childhood. In this village, life moved at a different pace, guided by modernity and a rhythm unfamiliar to his rural roots.

One day, as Fadlallah toiled alongside his newfound peers, he encountered a peculiar tool—an "Attaras." In this advanced village, the Attaras was an irrigation channel, a vessel carrying the lifeblood of agriculture. Fadlallah marveled at its efficiency and how it epitomized progress. He embraced this new terminology, carrying it back to his own village when he returned.

Eager to reconnect with his roots, Fadlallah joined his uncle in the family fields. As he worked on the land he once knew so well, he found himself instinctively referring to the irrigation channel as an Attaras. His uncle, bemused, chuckled at the newfound urban influence on his nephew. "You're a city boy now," his uncle teased, bestowing upon him the affectionate nickname "Attaras." Little did they know that this light-hearted banter would eventually become a lasting legacy. As time passed, the nickname stuck, evolving into a family name that transcended generations. The name "Attaras" became a testament to Fadlallah's journey—a fusion of rural heritage and the urban influences he had encountered. It spoke of resilience, adaptation, and the enduring ties that bound him to both his village roots and the broader world beyond. The Attaras family, once simple farmers, now carried a name that echoed with the harmony of tradition and progress. Fadlallah's story became a cherished narrative passed down through generations, a reminder that, no matter how far one roams, the essence of home endures in the heart and in the tales told under the shade of acacia trees in the village of Khartoum.

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- If you go back to the map and click on the state below. You will see it listed



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- Read a story
 - After users have populated many stories
 - From the homepage click on a state
 - you will see story cards on the next page click on any story card and you will be redirected to a larger page with the story

Part 3:

- Name of Tool:
 - Leaflet Open Source JS Library
- Why did I choose to use it?
 - I chose to use it due to its ability to customize maps and make it interactive. Since Sudan is such a big country it is hard to visualize where each region is without a map. I wanted people to visualize when reading these stories what area in Sudan they were reading about.
- How did I use it?
 - I used Leaflet to create a map that zooms in on Sudan. I also used it in conjunction with GeoJson to add color and the state outlines to the map so users can differentiate the states of Sudan. I also added event listeners to the map so when the user hovers over a state, the state outline becomes red and if you click on the state it will take you to that state's page.
- What does it add to my Website?
 - It allows users to visualize the states much easier than a regular map. It also added more interactivity than a regular map since users could click on different areas of the map to get information on each state.

Part 4:

In this final iteration of my website, I took out the Landmarks section from each state. This is because I felt like it didn't add much value and cluttered the page too much. Furthermore, due to complexity, I took out the Arabic writing due to not finding suitable fonts. In addition, I added a Navigation bar at the top to allow users to navigate to important pages at any time.

Part 5:

One of the challenges I experienced was saving an image file when users uploaded an image with their story submission. I had to learn how to use FileReader API so I could read and save the image URL. However, due to server limitations, the image srs would

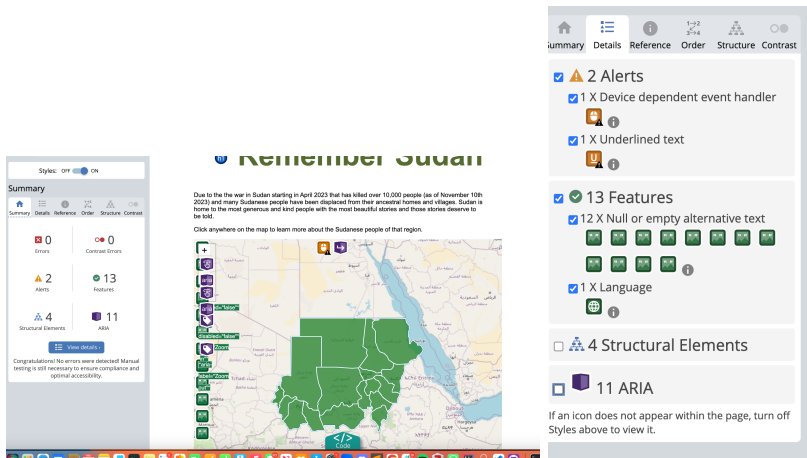
not load from local storage properly. Therefore, I decided to create an interim temporary picture.

Responsive Design- Distinct Screen Sizes to Test:

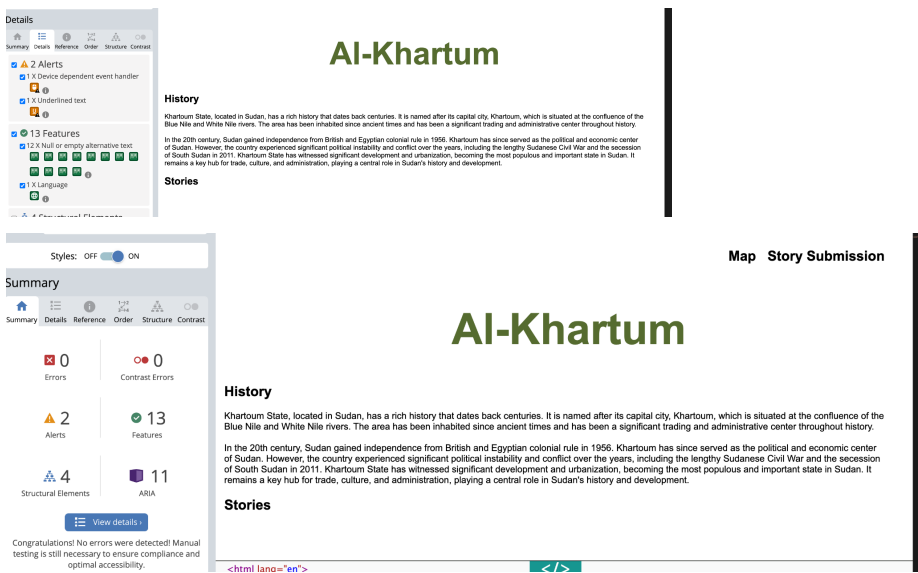
- Width 1200px
- Width 400px

Accessibility Checker:

Page1 Map:



Page 2 State Page



Page 3: Story Submission Page

details

Summary

Details

Reference

Order

Structure

Contrast

2 Alerts

1 X Device dependent event handler

1 X Underlined text

13 Features

12 X Null or empty alternative text

1 X Language

4 Structural Elements

[Story Submission](#)

Remember Sudan

Due to the war in Sudan starting in April 2023 that has killed over 10,000 people (as of November 10th 2023) and many Sudanese people have been displaced from their ancestral homes and villages. Sudan is home to the most generous and kind people with the most beautiful stories and those stories deserve to be told.

Click anywhere on the map to learn more about the Sudanese people of that region.

Styles: OFF ON

Summary

Summary

Details

Reference

Order

Structure

Contrast

0 Errors

0 Contrast Errors

2 Alerts

13 Features

4 Structural Elements

11 ARIA

View details

Congratulations! No errors were detected! Manual testing is still recommended for accessible content.

[Map](#)

[U](#)

[Story Submission](#)

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