

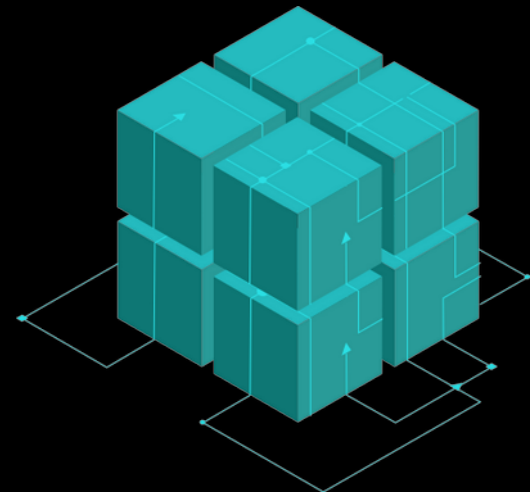


U Y U N I

# Accessibility Improvement for Uyuni

A Google Summer of Code 2023 project

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“Salar de Uyuni”  
the world's largest salt flat\*

# Uyuni

/uju:'ni/



\* [https://en.wikipedia.org/wiki/Salar\\_de\\_Uyuni](https://en.wikipedia.org/wiki/Salar_de_Uyuni)

Image: [https://www.flickr.com/photos/madeleine\\_h/9468953452/](https://www.flickr.com/photos/madeleine_h/9468953452/)

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# What is Uyni?

**the open-source configuration and infrastructure management  
solution for software-defined infrastructure**



# Web Accessibility



- Web Accessibility involves ensuring that the content and functionalities of a website can be easily navigated, understood, and interacted with by individuals with disabilities or impairments.



# Importance of Web Accessibility



Inclusion



Legal Compliance

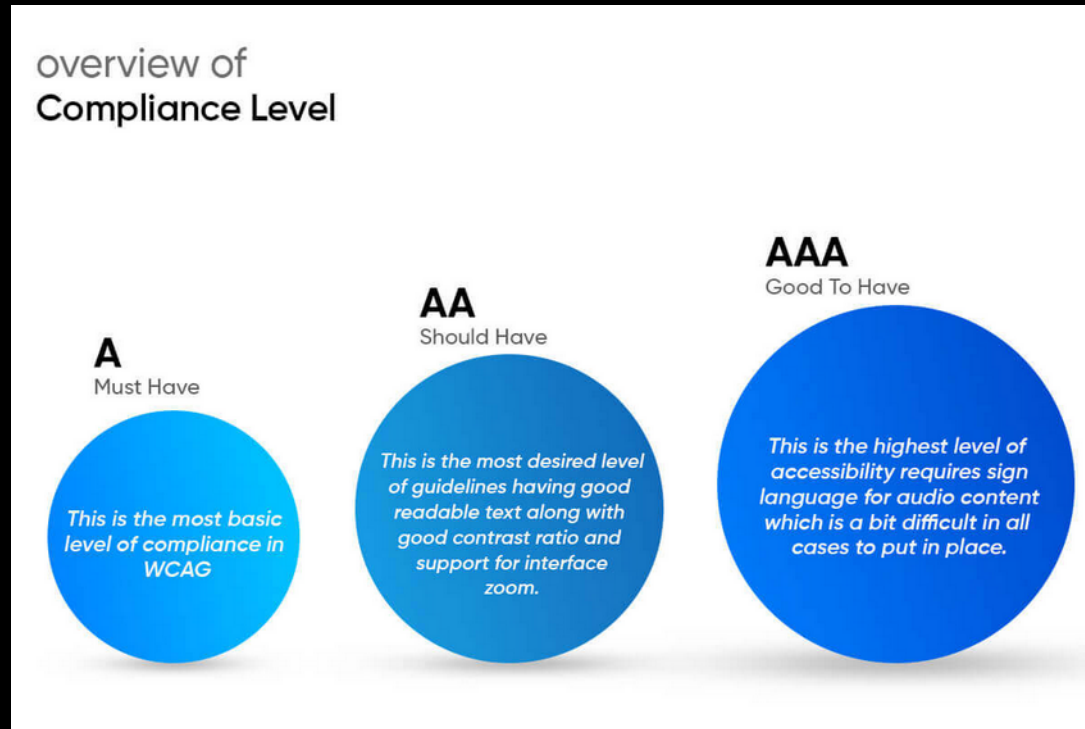


Improved  
User Experience



# Goal of the project

## 1. WCAG Compliance and Meeting at least AA Requirement



# Goal of the project



## 2. Specific Improvements:

- Keyboard Shortcuts
- Color Contrast
- Alternative Text for Images/Icons
- Form Accessibility
- Consistent Navigation and Structure



# Who - how

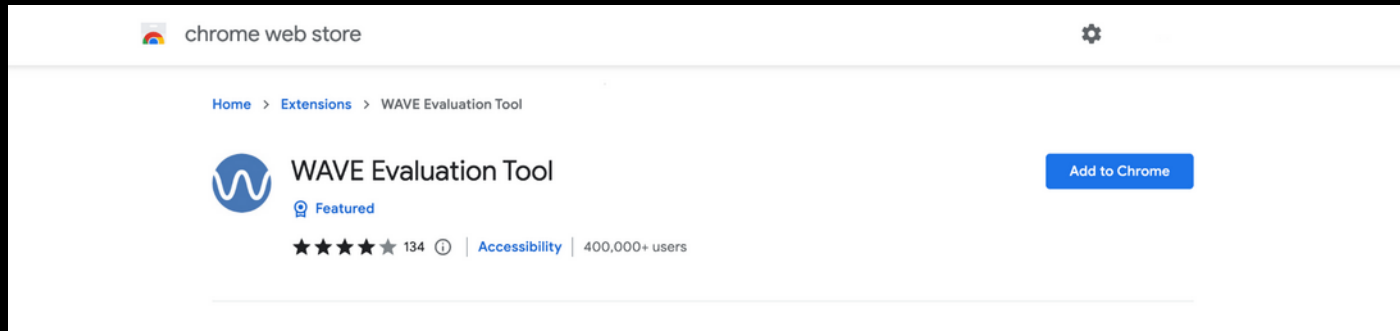


- Rachael Odetayo – GSoC intern
- Can Bulut Bayburt – Mentor
- Marina Latini – Mentor
- GSoC 23 selected project
- Weekly meeting
- Dedicated chat on Gitter
- Dedicated GitHub board
- Custom source branch



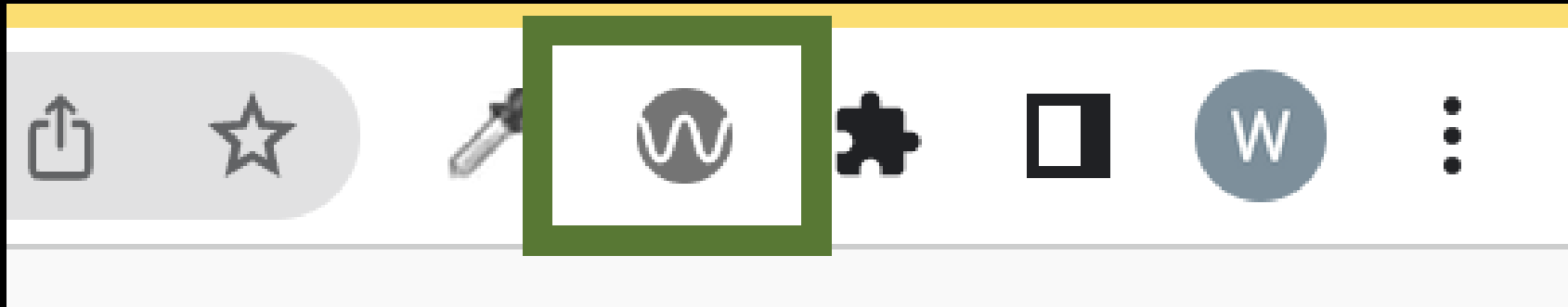


# Steps and Tool

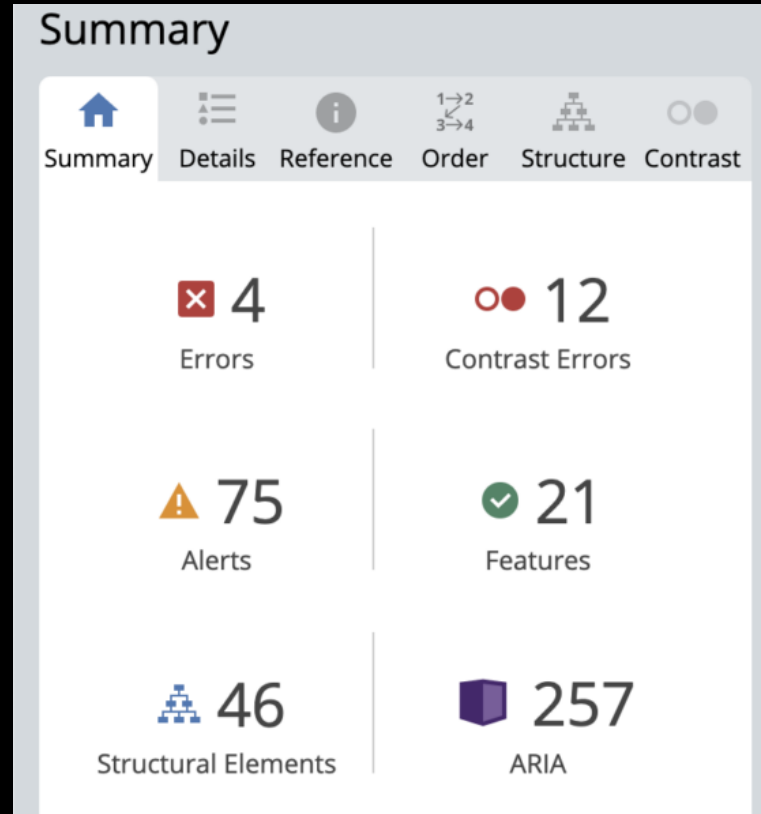


# Steps and Tool

## WAVE extension





# Steps and Tool



Address: Styles: OFF  ON 

## Details

Summary **Details** Reference Order Structure Contrast

  4 Errors 1 X Missing alternative text 1 X Missing form label 1 X Empty form label 1 X Empty button  12 Contrast Errors

12 X Very low contrast

Address: Styles: OFF  ON 

## Details

Summary **Details** Reference Order Structure Contrast

  75 Alerts 1 X Select missing label 2 X Long alternative text 7 X Fieldset missing legend 5 X Redundant link 60 X Very small textAddress: Styles: OFF  ON 

## Details

Summary **Details** Reference Order Structure Contrast

  21 Features 9 X Alternative text 5 X Linked image with alternative text 4 X Form label 1 X Skip link 1 X Skip link target 1 X Language



Styles: OFF  ON

### Summary

- Summary
- Details
- Reference
- Order
- Structure
- Contrast

2

Errors

4

Contrast Errors

1

Alerts

1

Features

5

Structural Elements

0

ARIA

View details >

# Uyuni

Discover a new way of managing your servers, packages, patches and more via one interface.

Learn more about Uyuni:



## Sign In

Login



Password



Sign In



Copyright Notice |



Uyuni release



2023.03



SUSE

Styles: OFF  ON

### Summary

Summary Details Reference Order Structure Contrast

6

Errors

2

Contrast Errors

41

Alerts

1

Features

70

Structural Elements

9

ARIA

View details

The following apply to the entire page:

\*en-US\*

Search page

- Home
- Overview
- Notification Messages
- User Account
- My Preferences
- My Organization
- Configuration
- Organization Trusts
- Recurring States
- Configuration Channels
- Systems
- Salt
- Images

h1 Overview

h3 Tasks

- Manage System Types: My Organization
- Register Systems
- Manage Activation Keys
- Manage Autoinstallations
- Manage Configuration Files
- Manage Organizations
- Configure Uyuni

h3 Inactive Systems

No inactive systems.  
All of your systems are actively checking into Uyuni at this time. You can view a list of all of your systems at [Systems > All](#).

Code



# Links



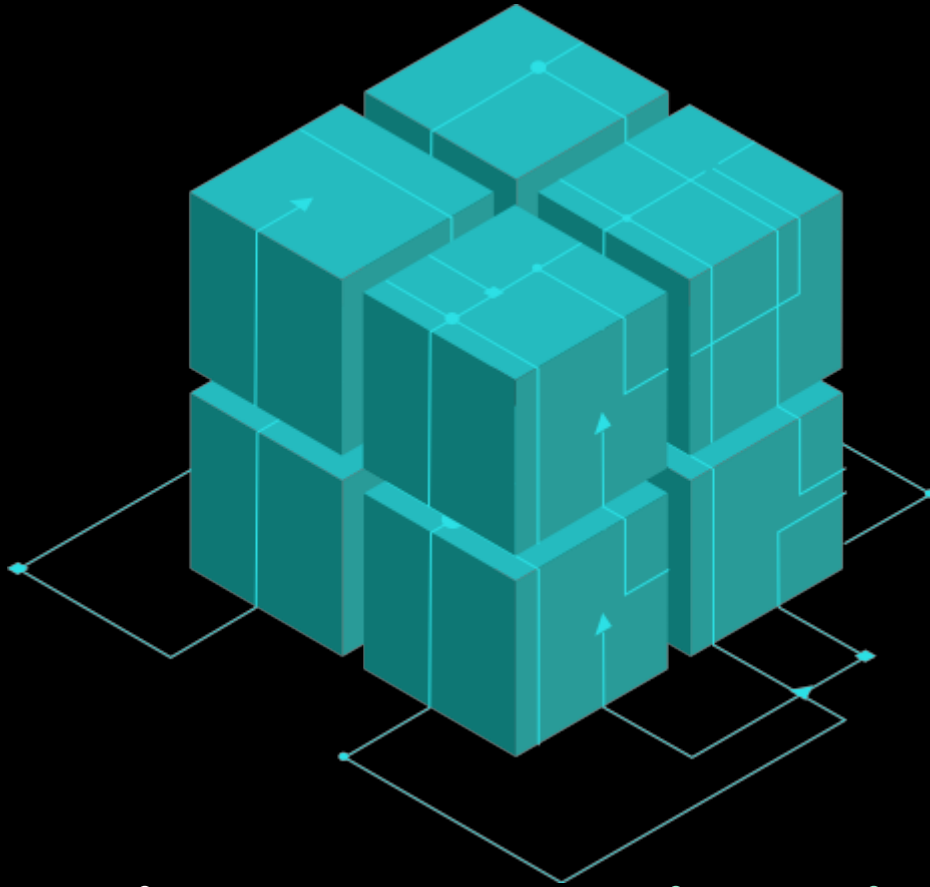
- Rachael's report: <https://rakielle.hashnode.dev/gsoc-2023-final-report>
- Contacts: <https://www.uyuni-project.org/pages/contact.html>
- Guides: <https://www.uyuni-project.org/uyuni-docs/>
- API: <https://www.uyuni-project.org/uyuni-docs-api/>
- Download: <https://www.uyuni-project.org/pages/stable-version.html>
- Source Code: <https://www.uyuni-project.org/pages/source-code.html>








Q&A





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