

Monaware

Monaware is a app build by using the [D&D 5e SRD API](#). D&D 5e SRD API is a api that has all data on D&D such as skills ,equipment, etc. Monaware uses all data from the monsters database. the images i got from a fill posted on the discord of D&D 5e SRD API. Monaware was made so the DM or other D&D player can have a players to view and compere monsters data.

⚠ Highlights

The highlight of my page from me is the comparison page as the radar charts and bar charts on this page has came out very well and i think having to data sets in one charts gave the comparison page a massive step up and make it easy for users to compare data.

⚠ Challenges

my first challenge was with the images provided by the Api as 70% of the images was not available. To fix this i had to go to there discord were i found that another users has made a list of monster ands and URL to there images with i converted into a react import file to display the images to in the carts.

my second challenge was with the timeline bar chart with storing data so i had to set up a storage.js file to put this data in a locale json storage.

Core Functionality

- **Browse Monsters:** Users can search for D&D monsters and fetched from the API.
- **View Details:** Clicking on a monster opens a detailed view showing its name, stats, hit points, and other key information.
- **Compare Monsters:** Users can select multiple monsters to compare their abilities using an interactive radar chart.

API Used

- [**D&D 5e API**](#)

This REST API provides structured data for monsters, spells, classes, and more from the Dungeons & Dragons 5e rule set.

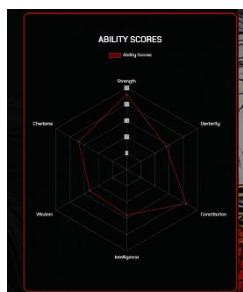
Components

Home page



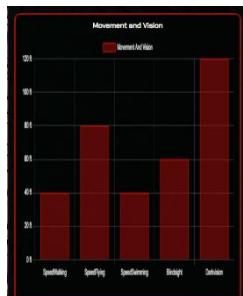
info cart (cart)

this info cart shows the basic monster data such as name, HP, AC, etc.



Ability Score (radar chart)

This radar chart shows the monsters base ability score such as strength.



Movement and vision (Bar chart)

This bar chart shows the monsters vision and movement distance in feet .



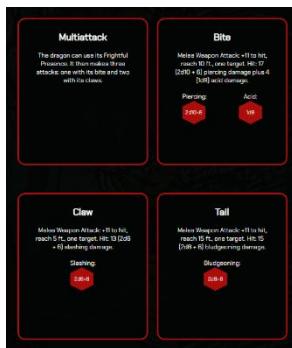
Saving throw bones (Rader chart)

This radar chart shows the monster saving throw bones per stat.



Skill bonus (cart)

Shows the number bonus the monster gets for each skill the base is 0 and the bonus will build on that.



Actions (cart)

This shows the action the monster can take. It show the name of action, a short description and the damage roll if it has one.

Comparison page



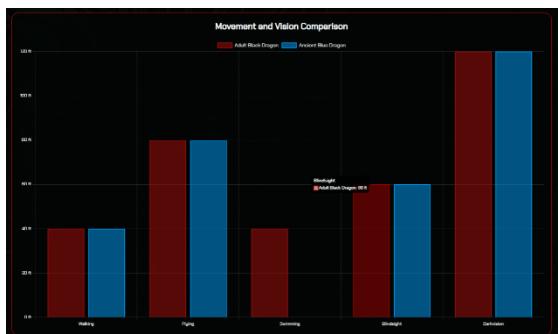
Info cart (cart)

Shows the monsters base info next to each other of the user to analyse.



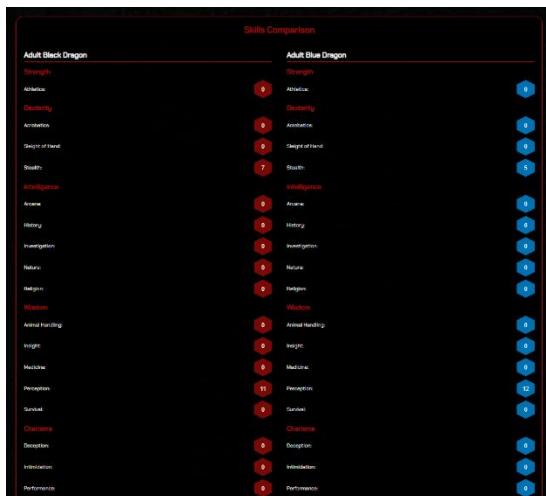
Ability score and Saving throws bonus (radar chart)

These charts show the data no top of each other allowing for easy comparison.



Movement and vision (Bar chart)

Charts of both monsters are next to each other to make it easy for the user to compare.



Skill bonus (cart)

Shows both monsters bonuses.

Time line page



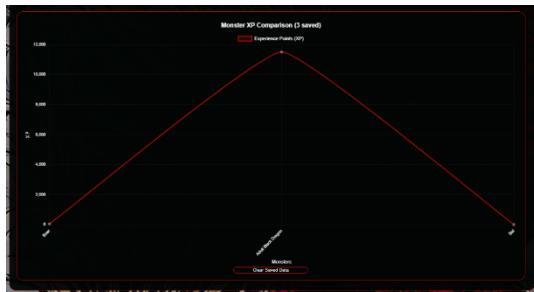
info cart (cart)

this info cart shows the basic monster data such as name, HP, AC, etc.



Ability Score (radar chart)

This radar chart shows the monsters base ability score such as strength.



XP on kill (line chart)

Show the amount of XP on kill for each searched monster.