



# 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 fil 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.

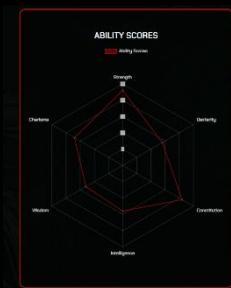
## Components

### Home page



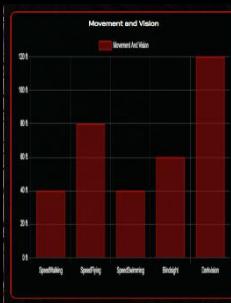
### info cart (cart)

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



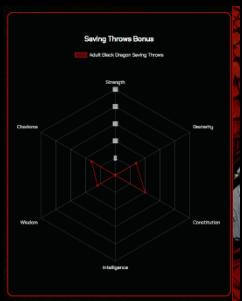
### Ability Score (radar chart)

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



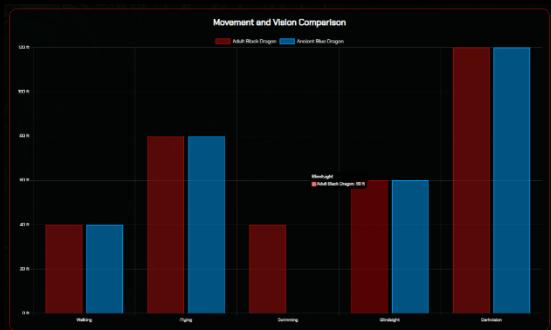
### Info cart (cart)

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



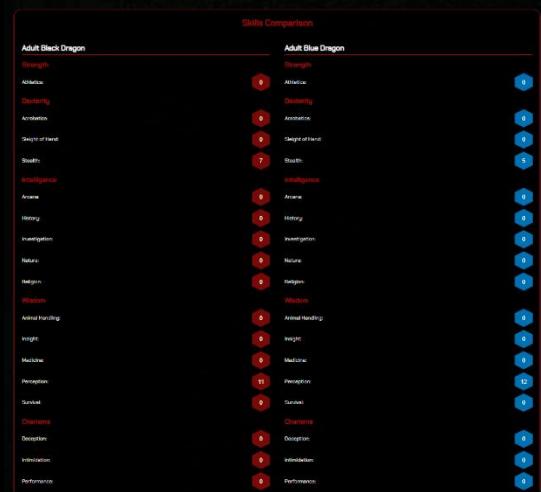
## Ability score and Saving throws bonus (radar chart)

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



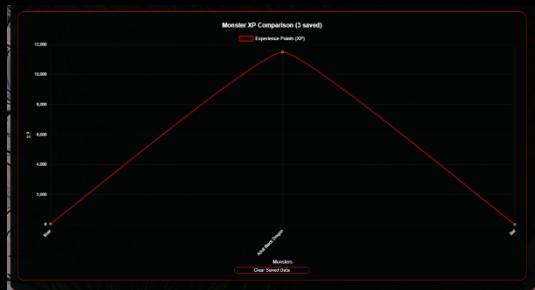
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### Ability Score (radar chart)

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### XP on kill (line chart)

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