

# **The Wheel of Fate:**

*A wheel-based project*

## **Project Statement**

Create a tool for randomization.

## **Goals:**

- Provide a tool for randomization which is useful for events, certain product line and overall a tool for picking between a series of options.
- Create a theme that is customizable to a certain audience with variable choices and web design options
- Allow live option selection and changing with the use of radio buttons so its extremely interactive.

## **Tasks**

- Use objects and arrays to collect and store data for wheel options and function such as user inputs.
- Create a form that uses user input to affect the wheel in some way beyond just a button to spin
- Use almost every tool I've learned in JavaScript from loops to conditionals for the Boolean expression using radios and the spin function of the wheel.
- Use an AJAX request to improve the wheel randomness and perhaps the shape depending on the functionality.

## **Overview:**

A highly customizable web application that selects from several random options with the number and content of the options being highly variable with user inputs.