# **Client-Side Web Development - Assignment 1**



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Class: SD3-B

## **Report**

For Assignment 1, I was required to develop a Rock, Paper, Scissor game. I decided to give the game a Star Wars theme and reinvent the game slightly calling it Rock, Paper, Lightsaber!

The rules work the same, Rock beats Lightsaber, Paper beats Rock and Lightsaber beats Paper.

The site consists of 2 HTML documents. Index.html and game.html. Index being the login page that the user is displayed with upon opening the webpage and game.html being the page displayed to the user once successfully logged in, with the game functionality.

I decided to create 2 separate CSS files, one for each webpage in order to speed up loading times of the webpage.

There are also 2 JavaScript files for the web application. The first contains the code used to check user credentials on login and redirect to the game if successful and display an error if incorrect.

The second JS file contains the code responsible for making the game playable and giving it functionality. It generates a random choice between Rock, Paper and Lightsaber on the computer's behalf and then compares both the user choice and computer choice in order to determine who is the winner. The first player to reach 5 is the overall winner. Upon winning, a popup window is displayed detailing who the winner is.

***\*\*NOTE\*\* - Login Credentials***

***Username:*** corey

***Password:*** qwerty

The username and password are hardcoded in the login.js file and can be edited if needed.