Title: Password Generator Using React.js

Abstract:

The "Password Generator" project is a web application developed using React.js that allows users to generate strong and secure passwords. This report outlines the project's development, features, and technologies used.

Introduction:

In today's digital age, security is paramount, and robust passwords are an integral part of safeguarding personal and online assets. This project aims to provide a user-friendly tool to assist users in creating strong and unique passwords.

Technologies Used:

React.js

JavaScript

HTML/CSS

Features:

Password Length Selector: Users can specify the desired length of the generated password.

Character Set Selection: Users can choose to include or exclude uppercase letters, lowercase letters, numbers, and special characters.

Password Display: The application displays the generated password.

Password Copy: Users can copy the generated password to the clipboard for easy use.

Password Strength Indicator: Provides feedback on the strength of the generated password.