[Name of project]

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**Design Considerations**

I strove to make the app easy to use and to be usable without a separate tutorial. When the user opens the app, they are shown a home page with a short explanation of the app. I added relatively basic features: adding, viewing, editing, and deleting saved passwords. All of these functions are clearly labeled. The most complex thing is the automatic password generation, which is optional.

I designed the UI to feel professional and secure. I carefully chose shapes, fonts, and colors. A blue and white color scheme was chosen because those colors are associated with peace, security, and purity. This is fitting for the app. On the “My Passwords” page, passwords are hidden until the user chooses to show them.

Since this is just a school project, I did not make it so that it can just be downloaded and run independently. It requires Xampp and must be run on a local React development server. I also did not account for security or multiple users. There is no login page, which would be necessary for an actual published app. The app was designed to show the perspective of a logged in user.

**User Interface Design**

**System Components and Functions**

When the user opens the app, the home page will direct them to either the “New Password” or “My Passwords” page. In the “New Password” page, they enter the information for the account they want to add: the name of the website, their username, and their password. All three fields must be filled. They have the option to automatically generate a password. They can customize the automatic generation by choosing the length of the password and whether or not to add numbers, uppercase and lowercase letters, and/or special characters. Pressing the “Submit” button adds the information from the three fields to the database.

The “My Passwords” page pulls existing account information from the database. Initially, only the names of websites are displayed. Clicking a website name will show username and password information. The user has the option to edit these or delete the account record entirely. When editing the password, the user has the same automatic password generation option as the “New Password” page.

A diagram of a user application

Description automatically generated

Conclusion