# PasswordGenerator Documentation

## General Info

A project that consists of an Angular application and a Chromium extension. Used for managing passwords.

### Angular Extension

Generates, encrypts, and stores the passwords into a JSON-file. HAS NOT BEEN STARTED.

### Chromium Extension

Spots password-fields on the webpage. If any are found, the extension checks for registered accounts that have been stored on a pre-defined JSON-file. The user is informed via the extension icon by using different color codes. The extension pop-up displays the registered accounts to the page, the URL, and informs the user if something has gone wrong.

Consists of the following files:

#### Javascript

* **popup.js**  
  (Popup-script) Manages the popup.html actions. Used for making tables and checking user inputs.
* **content.js**  
  (Content-script) Manages the page contents. Checks for password-fields on the page and updates the popup-icon.
* **background.js**  
  (Background-script) Script that allows the content- and popup-script with one another. Used for storing page info into the local storage (Does not store account data) that can then be displayed in the popup.html.

##### HTML

* **popup.html**  
  The html-form for the extension popup. Is displayed when the icon is clicked on the browser.

##### CSS

* **styles.css**  
  Stylesheet to the popup.html.

##### JSON

* **manifest.json**  
  Gives the browser key-details about the extension.
* **accountData.json**  
  PLACEHOLDER Stores the account data for pages.