

Internet and Web Systems-1

PROJECT REPORT - 9
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Milestones Completed:

- Completed the chrome extension
- Created the skeleton web page for the hashing functionality
- Added the required styles for the main page.

Next task:

- Creating the script file to do the hashing for the domain and the master key.
- Have to exactly replicate the answer given from the chrome extension.
- Deployment using dockers.

Problem Faced

- Have faced many issues for packing the chrome extension.
- Difficulty faced in adding styles according to requirement for the web page which should be kind of similar to the chrome extension
- Making it work for any size of screen so that it becomes easy to use in any kind of platforms

How I solved the problems?

- I used css templates for creating the right styles for the web page.
- I went through a chrome extension tutorial for developing and deploying the package into google chrome.
- I have contacted also the google chrome developer support for the assistance in hosting the chrome extension
- For making it work on any platform, size independent, I created a script to make it change according to the screen size.

Description:

The idea of having a webpage in addition to the chrome page will be very useful if someone wants to access their passwords using mobile or through any other system which does not have the required chrome extension. Let's say a browsing center which does not allow us to install chrome extension, then we will not be stuck with retrieving our passwords If we have a contingency of a website.

References:

1. <https://colorlib.com/wp/html5-and-css3-login-forms/>
2. https://www.w3schools.com/howto/howto_css_login_form.asp
3. <http://dennisspan.com/deploying-google-chrome-extensions-using-group-policy/>
4. <https://developer.chrome.com/webstore/publish>
5. <https://codepen.io/banunn/pen/AFnaI>
6. <https://www.template.net/web-templates/htmlcss-templates/html-login-form-templates/>

