

# Better managed than memorized?

## Studying the Impact of Managers on Password Strength and Reuse

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*Deadline: March 21, 2019, 11:59 PM*

1. (12 points) For the implementation part of the assignment, you are called to create a Chrome extension for auto login. The extension works as follows: A user entered his username and password to your extension. When the user visits a website, he can use one-click on his saved credentials and login to the website.  
This extension should be at least working on Github.  
Note: In autoLogin.zip, it contains the main code of this extension, you need to implement three functions in /src/js/popup.js to make this extension work.
2. (8 points) There are some open source password managers and there are some closed-source password managers. Do a little bit research on both of them, and tell the advantages and disadvantages for both types. If you have to choose one of them, which one would you prefer, and why?

Please send a pdf containing your answers to question 2 and a .tar.gz file with any code for this assignment along with the instructions to run your extension(if necessary) to [mhe18@jhu.edu](mailto:mhe18@jhu.edu). The subject line should contain "601.743 assignment". Feel free to email me if you have any questions.