Project Proposal

Automate Login and Password Manager

At present time, we all use multiple web-apps which requires a username and password to log in. This password is very important as we have bank account, Facebook account and other important sites to log in. A strong password is recommended by all these web applications. Time to time, it becomes very hard to remember all the password and we tend to use the same password with a little change for the apps. This gives a golden opportunity to the hackers. Also, in many times, we need to log in to our accounts in insecure computers. A very simple keylogger can get all the information without leaving a simple trace. Most of us save our login credentials into our preferred web browsers. It is also a very easy to hack the credentials from the web browsers across the whole operating system with a few lines of codes and directly mail it to the hackers. This is why I, for my very own use, wanted to make a tool which changes my important password time to time, leaving hackers with an old password even if they get their hands on them. The things I want my tool to do for me are:

1. Automate login with the saved password inside.
2. Change the password of multiple web applications with a single click.
3. Having only one password just to log in to the tool and option to change this password for every successful log in.