

QA Engineer Junior – Automation tasks

First task: Selenium & Python3

With usage of Python3, Selenium and Selenium webdriver:

- *Prepare a code that will automate following test case on icewarp.co.in:*
 1. Navigate to website mentioned above.
 2. In Primary Menu (on top of the website) go to Product -> Download.
 3. Check it has 3 sections: New installation, Update, Apps.
 4. Go to Apps.
 5. Check, that following items are present on the page: IceWarp Mobile, IceChat Mobile, Authenticator, Desktop Client, Desktop Client, IceWarp Desktop Suite, Outlook Sync, FileSync, ChatGPT, Remote Management Console, Microsoft Exchange Migration Tool.
 6. Check, that each item has at least one download page.
 - In case, some item does not, raise exception, that tells which item does not have download page.
 7. Go back to initial page.
- *Technical requirements:*
 - o Your program has to be written in more than one file.
 - o Use classes, methods and functions in your Python code.
 - o Program is not allowed to end in sixth point, real end is in point 7.
 - o Each class, method and function must have its own docstring.
 - o Browser selection is up to you.
 - o This task needs to have a documentation (readme.md or documentation.html), list of used Python modules.
 - o Place your code in github.

Second task: Blind API testing

Prepare Python3 script, that would authenticate to IceWarpApi to IceWarp server mail.example.com and count all accounts on email domain example.com and log out.

- *API Documentation: icewarp.co.in/product/api/*
- *Technical requirements:*
 - o Login credentials can not be hardcoded.
 - o End of the script must return count of accounts on the domain.
 - o Each response status code from API needs to be verified – Must be '200'.
 - o Place your code in github.