**Tools / frameworks would be used for AT**

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| **Type** | **Name** | **Purpose of using for AT** |
| Programming language | Java | To write our scripts. Java is one from the most popular programing languages. So, there are tons of “out of the box” solutions for any our needs if we have them. |
| Framework to interact with web applications | Selenide | To simulate actions of user in popular browsers. Selenide is based on Selenium Webdriver. It reduces “boilerplate code” and reduce time on developing scripts. |
| BDD tool | Cucumber | To apply BDD approach in our tests. Our test cases will be written in Gerkin language. So, they will be understandable for every stakeholder, even without technical background. All stakeholders will speak in one language. In addition, these tests cases will be used for accepting testing. Also Cucumber has nice test reports. |
| Testing framework | JUnit | Cucumber uses JUnit framework to run tests. Also we will use JUnit asserts in our tests. |
| Tool to interact with Windows popup | Autoit | In our application we should interact with Windows popups to upload files from desktop. Autoit tool will be used for these purposes as very advanced tool. |
| Build automation tool | Maven | Maven will help us to build a project, add dependencies and so on. |
| CI tool | Jenkins | Using Jenkins we can run out tests in many environments and simultaneous, schedule test running. |
| ORM tool | Hibernate | For pre-conditions(insert/delete/update users/posts etc) of tests we need mechanism to interact with database. Hibernate is powerful mechanism to implement this mechanism. |
| Autowire framework | Spring | Spring convenient to use in tests to autowire variables. |

**What parts of the app you would apply AT to?**

1. Log in/Log out functionality
2. Sing up functionality
3. Create new post functionality
4. Profile
5. Edit profile
6. Invite a friend
7. Create new group
8. Affiliates
9. Ads
10. Leaderboard
11. Blog
12. Privacy settings
13. Blocked settings
14. Policies(Terms and conditions, Anti Spam Policy, Privacy policy)
15. Tags
16. HomePage
17. Post (postID page)
18. Non registered user
19. Followers
20. Following
21. Notifications
22. Search