

Why and when do we use test automation?

The reasons that raised the need of test automation:

Test automation can repeat an exact sequence of steps easily whenever needed, especially when there's an update of the software or a change in source code, then report the failures. The process can do impossible tasks that manual testing cannot such as make many requests to the application and the server. Test automation saves time significantly by replace typing, detecting and tapping on buttons,... so it is faster than manual testing. The testing results are reliable because of the strict requirement of actions flow definition.

Test automation is suitable for tasks that are the most common use in the application, tasks that require multiple data cases, tasks that run on multiple machines, platforms,...

Test project description

Test project: muly. The function tested is to manage user's profile. Users can edit their profiles and edit some fields of information, for example: Upload avatar in profile screen and click "Save Information" button, or Upload avatar in profile screen and route to homepage without saving.