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1. Test Automation Reduces Time

If tests must be run manually, people need to take time from existing work to run them. Furthermore, we even have to substantiate that the tests work. All we must always care about are passing or failing tests. When automating tests, we save an infinite amount of some time from more valuable tasks than actually writing and maintaining the code. When tests are automated, we've less time to think and remember, which ultimately requires us to take a grip with less time.

2. Test Automation Reduces Effort

Consider the case of a replacement developer who knows nothing about how the organization works, its processes, or its codebase. For the latest developer, regardless of skill and knowledge, there are lots to travel on. How can we confirm they do not feel overwhelmed and potentially skip tests? If tests are automated, new developers can continue with clean, test-driven code development.

3. Test Automation Increases Productivity

If a developer must remember to run tests, it takes time for them to develop. When tests are automated as a step of the developing process, the developers can still develop unless the tests fail.

4. Test Automation Increases Predictability

It's essential to not make up the false assumption that simply because you have got tests that everything is going to be fine. Automation test and code is of a high standard, you increase the accuracy and stability of the software.

5. Test Automation Increases Reliability

We might get the confusion that everything was working, then wonder why a client emailed, complaining of a problem retrieving their user profile. We would be convinced that all the components in the system were fine until we ran the acceptance tests again and located several tests failing. If we then determined that the bug had been there for several days or weeks, we'd likely feel even more embarrassed.