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**Topic: Why and when do we use test automation?**

* ***Why do we use test automation:***

Test automation is the best way for you to reduce time, effort and cost. It is effective due to the following reasons:

* **Fast feedback cycle:** Without test automation, feedback for new features can take a while. So test automation helps you to reduce the feedback cycle and bring faster validation for phases in the development of the product.
* **Save time for the team:** Your team has to spend less time validating newly developed features.
* **Reduce Business Expenses:** When using an automated test environment, your team will save money as fewer resources are spent on testing your product.
* **Higher test coverage:** Automated testing allows you to spend time writing new test cases and adding them to your automated test suite. So that your product will have less bugs and unwanted errors.
* **Reusability of Test Suite:** You can easily reuse your test suite with other projects without having to define it again.
* ***When do we use test automation:***

Automated testing is required when you want to run the same test cases across multiple machines at the same time. It is also a good way to avoid human error in your testing. Moreover, you can be sure that all tests are exactly the same.