**PERSONAL REPORT PA5**

***Ngô Nhật Du - 19127120***

***Nhóm 9***

***Test Project : MedBook***

**Why and When do we use test automation?**

* **Why:**
* Saving time/cost on hiring people to do the test.
* Testing and Developing process can be done continuously
* Shorten time to bring to the production stage.
* Monitoring the status of the testing process in real-time.
* Applying new test automation technology to make the tech stack of the company more modern.
* **When:**
* Manual testing does not work.
* Do not have enough money to hire more testers/ QAs, or the current time and the go-live schedule is very closed.
* Increase the testing result by automating the processing testing if the tests have many configurations or environments.
* Encountering repetition of tests or simultaneous running test cases, automation helps to reduce redundant and repetitive test projects.
* High priority features need to be tested because of the automation accuracy and test coverage over manual testing.
* Evaluating test cases due to some functions being programmed before others.
* Using multiple datasets, because it ensures data coverage and is more time efficient.
* Testing responsive UI, because it can quantify parameters of UI objects.