**PERSONAL REPORT PA5**

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***Nhóm 9***

***Test Project : MedBook***

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

* **Why:**
* Many tests run in cycle time
* Testing in many configurations or many environments.
* The developing and testing process can run continuously.
* Contacting the new testing technologies to improve knowledge and make the company process simpler.
* The developer wants to know if the testing is correct as soon as possible.
* Avoid time-consuming in doing manual testing.
* **When:**
* When all the tests are required to be done regularly.
* The financial status of the company is not stable so we need to reduce the cost of outsourcing tester / QC.
* When the project is large and the time for compiling the project is long so we can save time and cost.
* When the developer numbers are greater than the tester or QA numbers so the tester or QA can not serve all the developers to test their code. At this time the role of test automation is very important because it can help the tester or QA or developers to reduce the time for waiting for the testing process to do.
* The test automation can easily be scaled so we can test in parallel.