**Task 1=> Write a test plan / test approach in bullet point format.**

* Analyse the Business Requirements and get the queries clarified from the Product Owner.
* Check if there are any dependencies for testing (I/P from other team or so) and get them fixed first before starting your testing.

Automation=>Choose the automation tool, framework to be used.

* Setup the Environment which is similar to Prod Environment(should be up and running) and required inputs for testing(Credentials, multiple data, any template for test execution/bug tracking) etc.

Automation=>Setup a framework to automate the test cases.

* Set up the priorities (based on important functionalities/complexity etc) for the User Stories to be tested.
* Create the Test cases/Test scenarios (Functional, Smoke, Sanity, End to End, Regression Testing) and request for peer review of test cases.
* Once the test cases are updated, upload/maintain the test cases in Test Management Tool(Eg: JIRA,Qtest,HPALM).

Automation=>Select the test cases to be automated.

* Once the developer deploys the build, start with Smoke Testing. If it works fine then go ahead with Functional Testing , End to end and so on.

Automation=>Automate the selected test cases and maintain in common repo(GIT, SVN etc).

* If you come across any bug then track them in Bug Tracking tool (JIRA, DTS etc) with bug report(Actual result, Expected Result and screen shots).
* Retest the bug once fixed and close/re-open it accordingly.
* Perform a Regression testing and End to End Testing once all the bugs are fixed and working fine so that existing application is not broken.
* Once all the User Stories Testing is complete, provide a demo to Product Owner, Business Stake holders ,team and once approved the application/product should be ready for User Acceptance Testing.
* Once User Acceptance Testing is done, the product is ready to be deployed to Production Environment.

Automation=>Run all the test cases to check the functionality before deployment.

* Once Build is deployed to Production Environment, perform End to End Testing to check if all the functionalities are working as expected.