Test suite’s Jenkin Integration process and result:

1. First Jenkins must be installed in the system and the path should be install in the Environment variable.

After opening Jenkins to build the maven project via git , some plugins are need to be added.

Graphical user interface, text, application

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Here, in the ‘**manage Jenkin’** option we can get the **‘manage plugin’** option from where I added the plugins.

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Description automatically generated

1. Here after adding the plugins I clicked on the **‘New Item’** option to integrate the project.

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Here I gave the name and the type of the project in this case it is ‘**Maven project’** after that I clicked on **‘Ok’** button.

1. After that I setup the project as per the requirement to run it.

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Here I selected the type from where Jenkins should bring the project and in this case it will be **‘Git’** , after that I have given the **repository URL** and also the Branch as ‘**main**’.

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Here after the above step I have given the goal of building the project as **‘clean test’** from which Jenkins will invoke the batch file in the project to run it in console. And clicked on **‘Apply’** and then clicked on **‘Save’** button.

1. After that I clicked on the **‘Build Now’** option.

Graphical user interface, text, application

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Before click on the ‘**Build Now’** button I made sure that **my Appium server is manually on** and also the emulator for visualization.

1. After that the project has started building and executing the scripts.

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Description automatically generated

Here in the emulator scripts are executing and Jenkins is parallelly building the project by executing the test scripts.

1. Graphical user interface, text, application

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The project has built after executing the scripts .

Graphical user interface, text, application

Description automatically generated

This the test result where all my 6 test cases are successfully executed.

1. Text

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This is the console output where we can see the sequence of the test scripts.