# DEEPTHOUGHT ASSIGNMENT

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## 

## Introduction :

To automate the login functionality - <https://beta.deepthought.education/login> I have used the following below :

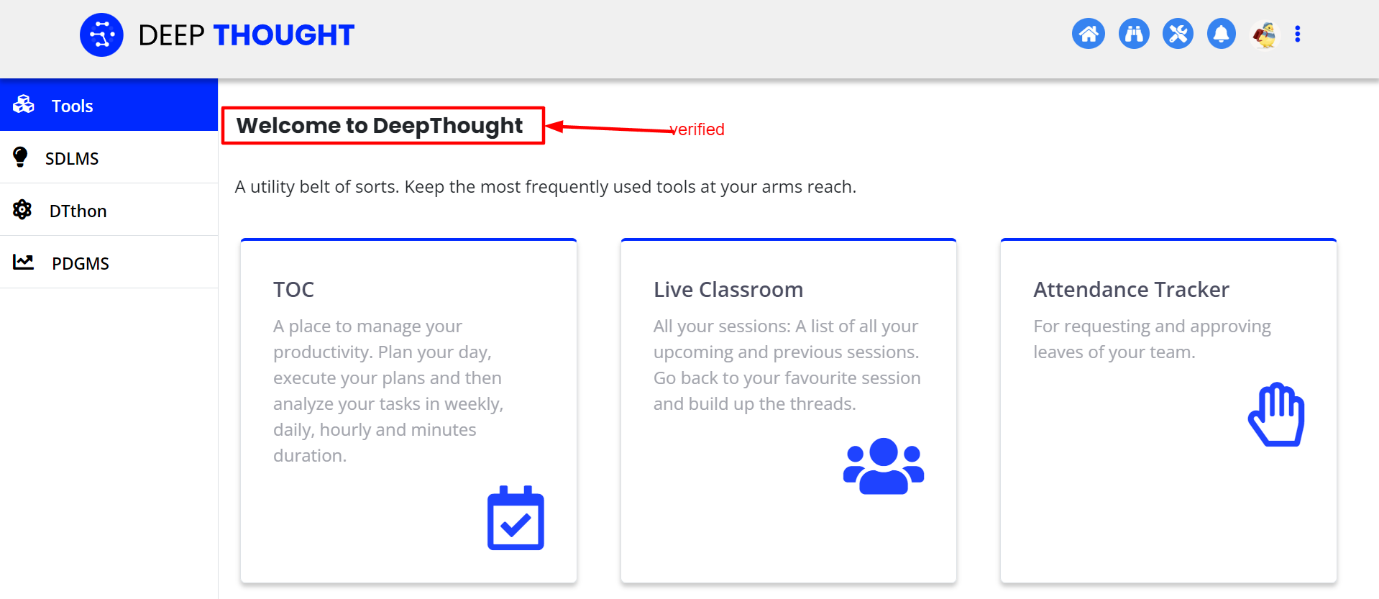
* Framework used: Selenium Framework using Java
* Credentials used: username: vaishnav password: vaishnav@123

# Instructions to automate the test -cases :

* Download /clone the code : <https://github.com/Vaishnav-puram/DeepThought>
* Install IntelliJ IDE
* Open the folder in IntelliJ
* Reload the maven repo by using the command – ‘**mvn clean install’**
* Now all the required jars will be downloaded to your classpath
* To run the scripts:
  + Go to the available java file and click on the ‘arrow symbol/run’ available beside the test method annotation
  + For example: to automate the filtering option go to ‘src/test/java/LoginSuccess.java’ and you can see methods available like loginSuccess() , beside this method you can see ‘green arrow’ button which indicates run function
  + By clicking it you can see the automation to begin.

# TEST-CASES :

* For successful login I have passed the correct credentials to verify whether the dashboard is appearing or not :
  + While passing the valid credentials the page is redirecting to the dashboard - **Passed**



* To check whether the message is showing appropriately for passing invalid credentials :
* **Scenarios while logging with invalid credentials** I used both automated and manual-black-box testing of **decision table**:
* Scenario 1: When invalid Username and valid Password is passed as input - **Passed**
* Scenario 2:When valid Username invalid Password is passed as input - **Passed**
* Scenario 3: When both the credentials passed as invalid values - **Passed**
* **Minor Bug :** While checking the failure scenarios of login functionality the error message it is prompting is of a generic one i.e., prompting ‘**invalid credentials**’,but it should me of more precise such that the prompt message should be :
  + For invalid username : “**username is invalid/username not found**”
  + For invalid password : “**password is invalid/please check your password**”

