

Task: Design and Build the automated testing framework

So far Team 7 has successfully created an automated testing framework. The issues that we have had so far is figuring out why our tests run in IntelliJ but when run through the command line the objects being used in the test are not recognized. For example when creating a User, the user object is not found. When this problem is solved the rest of our testing will fall into place.

Testing Architecture:

In our github, the TestAutomation is the main folder where our framework lives. Once opened you'll see docs, oracles, project, scripts, reports, temp, testCases, and testCasesExecutables.

scripts: this directory is where our driver file and main scripts are located that execute our tests

driver.sh: this file is our driver file, runs all needed scripts and commands needed to run our tests and opens the final results for viewing after the scripts complete

reports: this directory is where our driver will create our finalReport file

Eventually this folder will hold our final testing report

Test Cases:

Test ID	Requirement	Component	Method	Tested Input	Expected outcome
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01	The setter method, User, only takes integers.	User.java	Public void setUserId(Integer userId)	10	10
02	getUserId returns the user Id	User.java	Public Integer getUserId()	6	6
03	The setter method, setPersonId, only takes integers.	Person.java	Public Integer setPersonId()	7	7
04	getPersonId returns the person Id	Person.java	Public Integer getPersonId()	4	4
05	The person can be reached through the user	User.java	Public person User(Person)	"Male"	"Male"

How to get our framework running:

Step 1: Clone the repository "git clone <https://github.com/csci-362-01-2020/Team-7>"

Step 2: Navigate to the directory where the driver is stored. You will need to copy this into the top directory of openmrs.

Step 3: In the top directory you will be able to run the script driver.sh(bash driver.sh)