

Identify Car Wash Services

IdentifyCarWashServices zipped file contains the following folders:

1. IdentifyCarWashServices
2. Documentation
3. Test Cases.xlsx
4. Presentation

IdentifyCarWashServices contains the following folders:

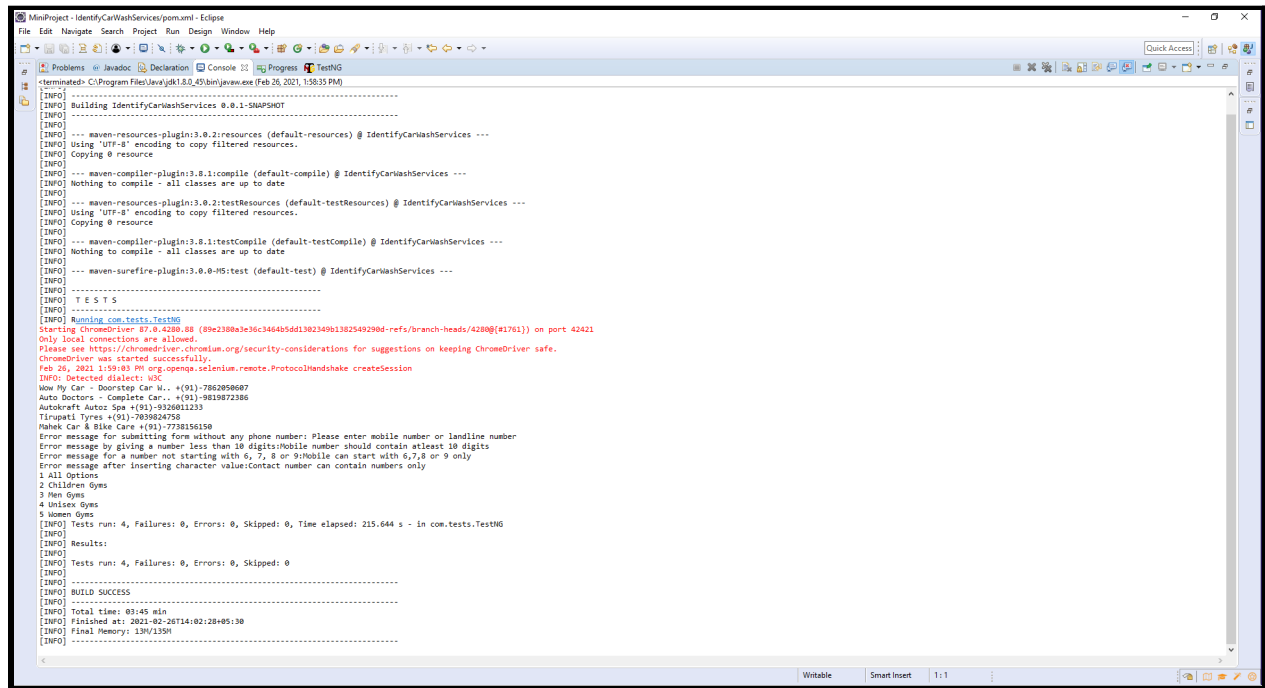
1.The Drivers folder contains the Chrome driver,Firefox driver and IE driver application setup for WindowsOS.

2.SRC folder contains the following packages:

1. com.java.main
 1. DriverSetup.java
 2. MainApplication.java
 3. ExcelData.java
 4. KeywordDriven.java
 5. CarWashService.java
 6. FreeListing.java
 7. Fitness.java
 8. HighlightElement.java
 9. CaptureScreenshot.java
2. com.java.test
 1. TestNG.java
 3. ExcellInput.xlsx
 4. ExcelOutput.xlsx
 5. pom.xml
 6. testng.xml
 7. ExtentReport
 8. Screenshots
 9. test-output
 - 10.Target

MAVEN Implementation:

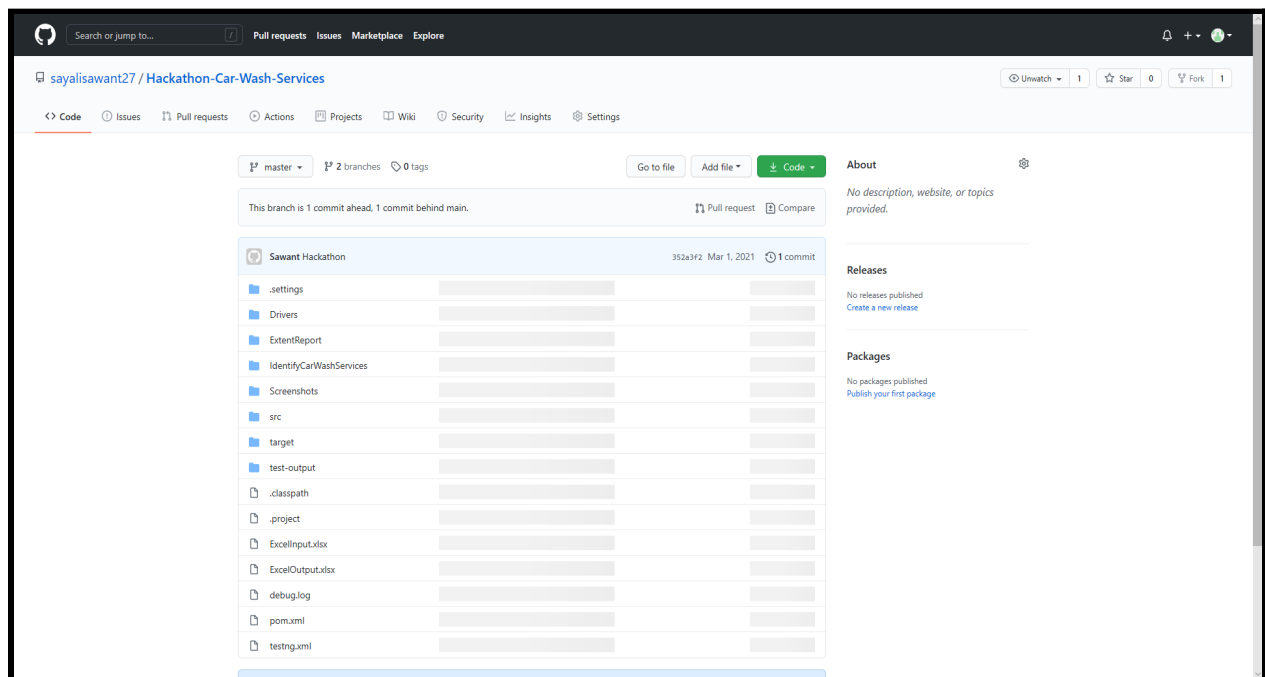
Console Output after Maven Implementation(BUILD SUCCESS)



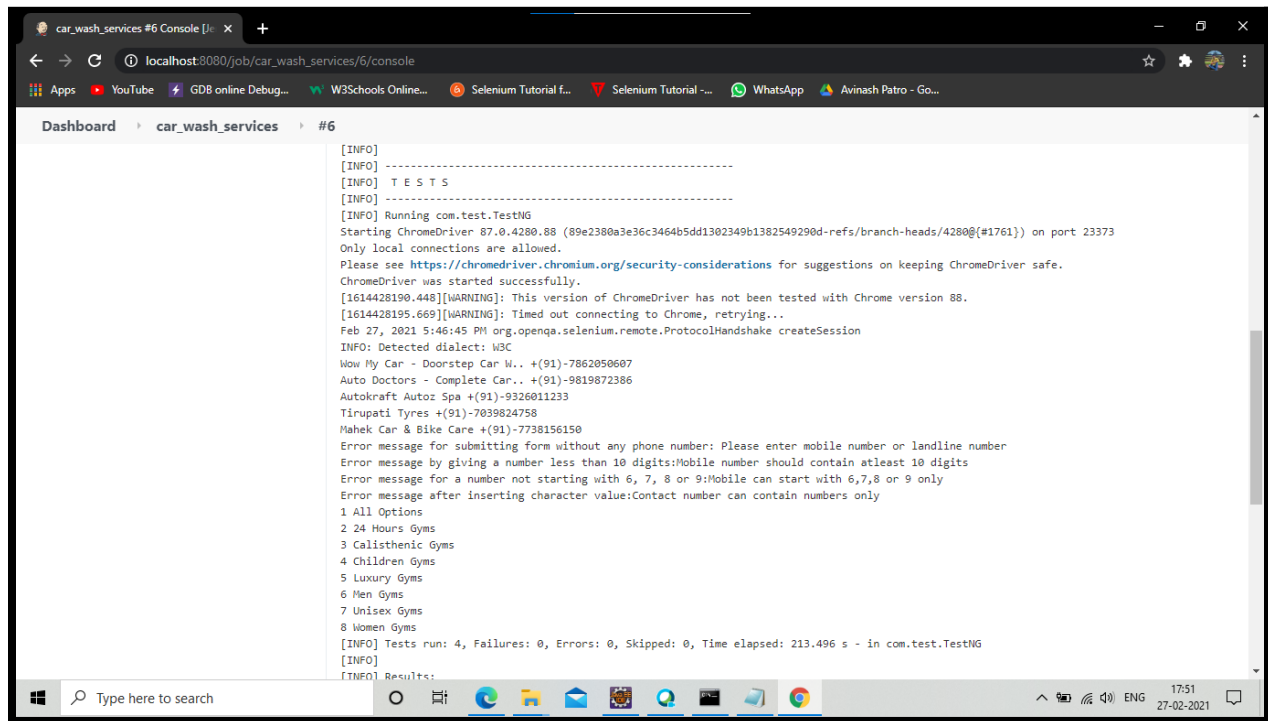
```
MiniProject - IdentifyCarWashServices/pom.xml - Eclipse
File Edit Navigate Search Project Run Design Window Help
...
[INFO] Building IdentifyCarWashServices 0.0.1-SNAPSHOT
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ IdentifyCarWashServices ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ IdentifyCarWashServices ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:testResources (default-testResources) @ IdentifyCarWashServices ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ IdentifyCarWashServices ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:3.0.0-M5:test (default-test) @ IdentifyCarWashServices ---
[INFO]
[INFO] ----- T E S T S -----
[INFO] Running org.test.testng
Starting ChromeDriver 87.0.4280.88 (89e238b3e36c3464b5dd130234961382549290d-refs/branch-heads/4280@417611) on port 42421
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Feb 26, 2021 1:59:03 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
Wow My Car - Doorstep Car W... +(91)-7862058607
Auto Doctors - Complete Car... +(91)-9810872386
Autokraft Autoc Spa +(91)-9326011233
Tirupati Tyres +(91)-7839624758
Hahak Car & Bike Care +(91)-7738156150
Error message for submitting form without any phone number: Please enter mobile number or landline number
Error message by giving a number less than 10 digits/mobile number should contain atleast 10 digits
Error message for a number not starting with 6, 7, 8 or 9: Mobile can start with 6, 7, 8 or 9 only
Error message after inserting character value: Contact number can contain numbers only
1 all Options
2 Children Gyms
3 Men Gyms
4 Unisex Gyms
5 Women Gyms
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 215.644 s - in com.tests.TestNG
[INFO]
[INFO] Results:
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 03:45 min
[INFO] Finished at: 2021-02-26T14:02:28+05:30
[INFO] Final Memory: 13M/135M
[INFO]
[INFO]
[INFO]
```

GIT Implementation:

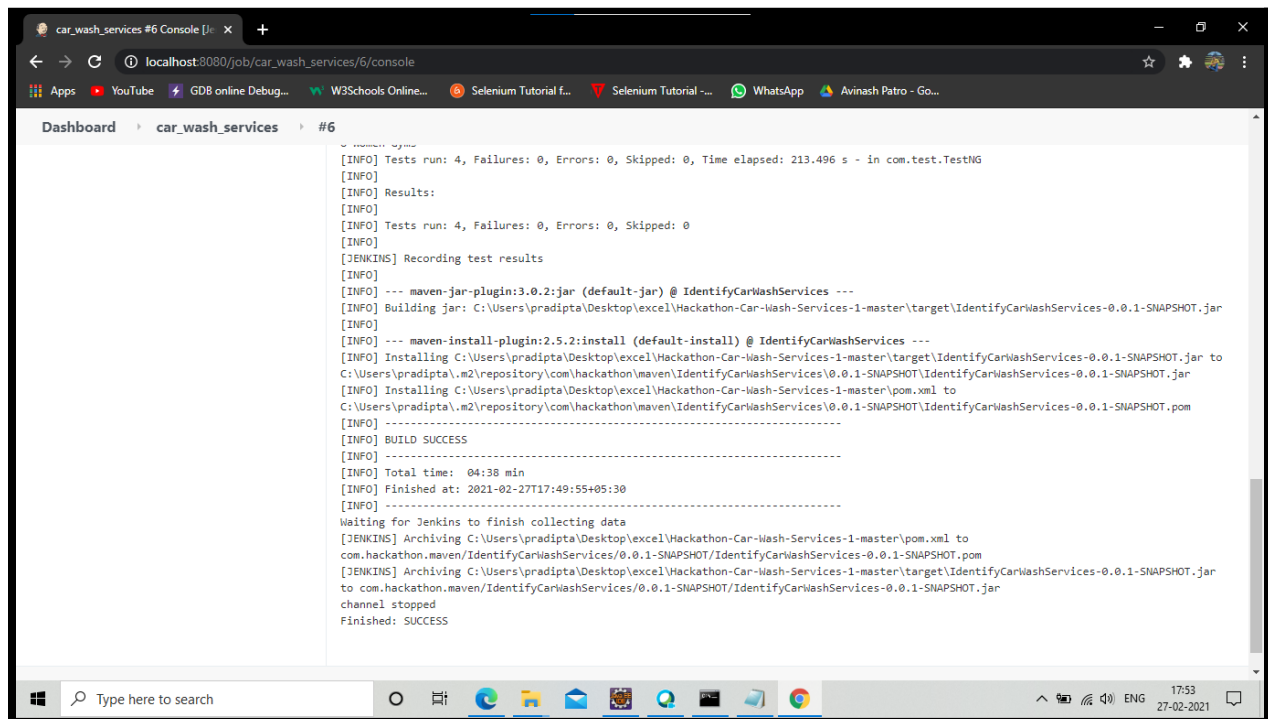
Link: <https://github.com/sayalisawant27/Hackathon-Car-Wash-Services>



JENKINS Implementation:

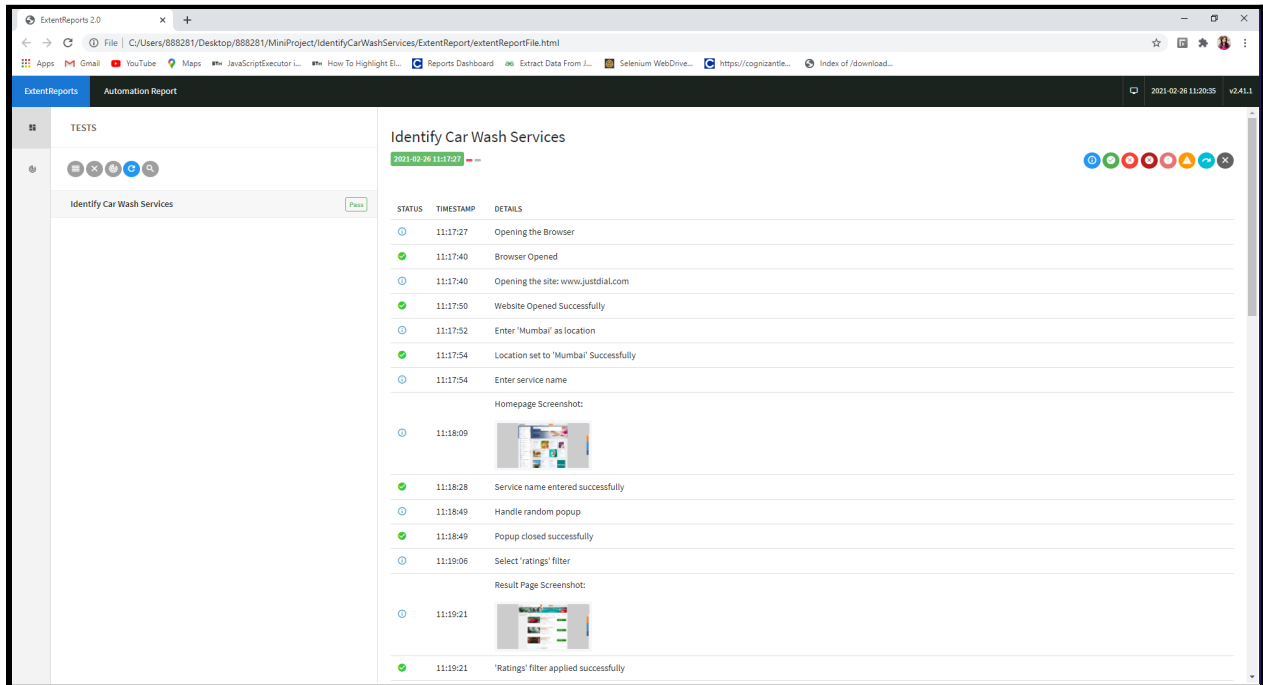


```
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running com.test.TestNG
Starting ChromeDriver 87.0.4280.88 (89e2380a3e36c3464b5dd1302349b1382549290d-refs/branch-heads/4280@#1761) on port 23373
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
[1614428190.448][WARNING]: This version of ChromeDriver has not been tested with Chrome version 88.
[1614428195.669][WARNING]: Timed out connecting to Chrome, retrying...
Feb 27, 2021 5:46:45 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
Wow My Car - Doorstep Car W.. +(91)-7862050607
Auto Doctors - Complete Car.. +(91)-9819872386
Autokraft Autoz Spa +(91)-9326011233
Tirupati Tyres +(91)-7039824758
Mahek Car & Bike Care +(91)-7738156150
Error message for submitting form without any phone number: Please enter mobile number or landline number
Error message by giving a number less than 10 digits:Mobile number should contain atleast 10 digits
Error message for a number not starting with 6, 7, 8 or 9:Mobile can start with 6,7,8 or 9 only
Error message after inserting character value:Contact number can contain numbers only
1 All Options
2 24 Hours Gyms
3 Callisthenic Gyms
4 Children Gyms
5 Luxury Gyms
6 Men Gyms
7 Unisex Gyms
8 Women Gyms
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 213.496 s - in com.test.TestNG
[INFO] Results:
```





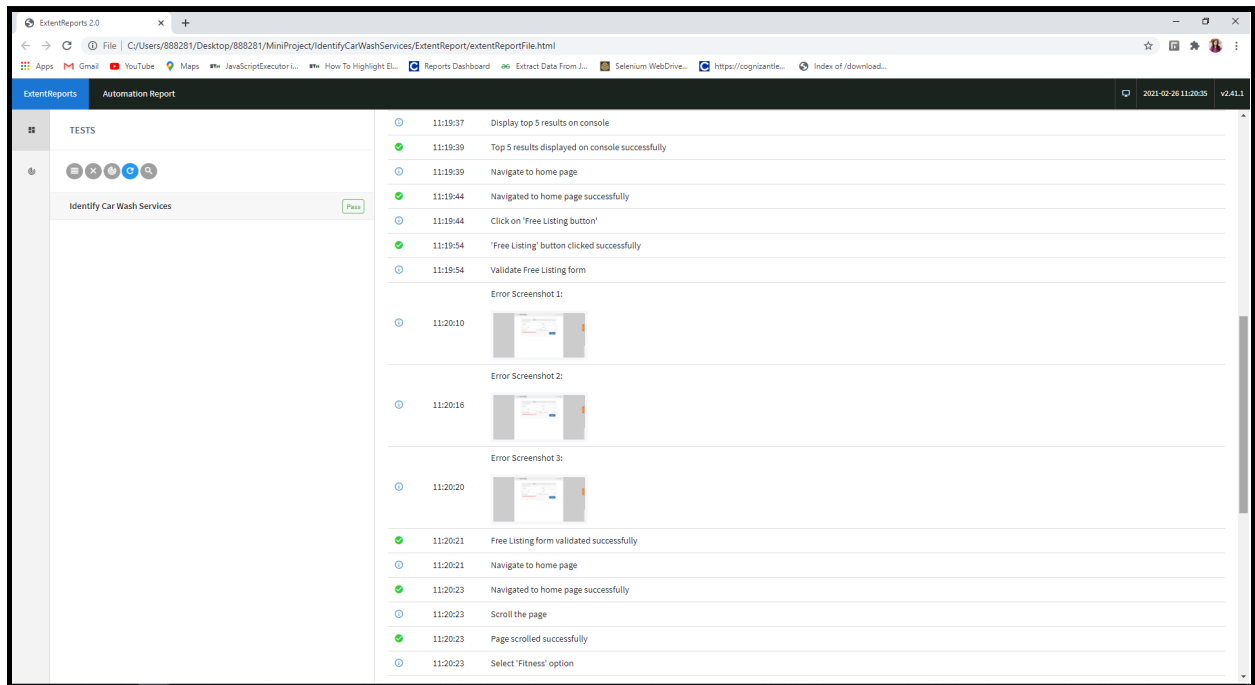
```
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 213.496 s - in com.test.TestNG
[INFO] Results:
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] [JENKINS] Recording test results
[INFO]
[INFO] --- maven-jar-plugin:3.0.2:jar (default-jar) @ IdentifyCarWashServices ---
[INFO] Building jar: C:\Users\pradipta\Desktop\excel\Hackathon-Car-Wash-Services-1-master\target\IdentifyCarWashServices-0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- maven-install-plugin:2.5.2:install (default-install) @ IdentifyCarWashServices ---
[INFO] Installing C:\Users\pradipta\Desktop\excel\Hackathon-Car-Wash-Services-1-master\target\IdentifyCarWashServices-0.0.1-SNAPSHOT.jar to
C:\Users\pradipta\.m2\repository\com\hackathon\maven\IdentifyCarWashServices\0.0.1-SNAPSHOT\IdentifyCarWashServices-0.0.1-SNAPSHOT.jar
[INFO] Installing C:\Users\pradipta\Desktop\excel\Hackathon-Car-Wash-Services-1-master\pom.xml to
C:\Users\pradipta\.m2\repository\com\hackathon\maven\IdentifyCarWashServices\0.0.1-SNAPSHOT\IdentifyCarWashServices-0.0.1-SNAPSHOT.pom
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 04:38 min
[INFO] Finished at: 2021-02-27T17:49:55+05:30
[INFO]
[INFO] Waiting for Jenkins to finish collecting data
[INFO] Archiving C:\Users\pradipta\Desktop\excel\Hackathon-Car-Wash-Services-1-master\pom.xml to
com.hackathon.maven\IdentifyCarWashServices\0.0.1-SNAPSHOT\IdentifyCarWashServices-0.0.1-SNAPSHOT.pom
[INFO] Archiving C:\Users\pradipta\Desktop\excel\Hackathon-Car-Wash-Services-1-master\target\IdentifyCarWashServices-0.0.1-SNAPSHOT.jar
to com.hackathon.maven\IdentifyCarWashServices\0.0.1-SNAPSHOT\IdentifyCarWashServices-0.0.1-SNAPSHOT.jar
channel stopped
Finished: SUCCESS
```

Extent Test Report:






This screenshot shows the first part of an Extent Test Report. The left sidebar contains a 'TESTS' section with a search bar and a list of test cases, including 'Identify Car Wash Services' which is marked as 'Pass'. The main content area displays the details for this test case, titled 'Identify Car Wash Services' with a timestamp of 2021-02-26 11:17:27. The report is organized into a table with columns for 'STATUS', 'TIMESTAMP', and 'DETAILS'. The test steps include opening the browser, navigating to the website, entering location and service name, and taking screenshots of the homepage and result page. The final status is 'Pass'.

STATUS	TIMESTAMP	DETAILS
○	11:17:27	Opening the Browser
●	11:17:40	Browser Opened
○	11:17:40	Opening the site: www.justdial.com
●	11:17:50	Website Opened Successfully
○	11:17:52	Enter 'Mumbai' as location
●	11:17:54	Location set to 'Mumbai' Successfully
○	11:17:54	Enter service name
Homepage Screenshot:		
○	11:18:09	
●	11:18:28	Service name entered successfully
○	11:18:49	Handle random popup
●	11:18:49	Popup closed successfully
○	11:19:06	Select 'ratings' filter
Result Page Screenshot:		
○	11:19:21	
●	11:19:21	'Ratings' filter applied successfully



This screenshot shows the second part of the Extent Test Report. The left sidebar is identical to the first screenshot. The main content area displays the details for the 'Free Listing Form Validation' test case, with a timestamp of 2021-02-26 11:20:35. The test steps include displaying top 5 results, navigating to the home page, clicking on the 'Free Listing' button, validating the form, and taking three error screenshots. The final status is 'Pass'.

○	11:19:37	Display top 5 results on console
●	11:19:39	Top 5 results displayed on console successfully
○	11:19:39	Navigate to home page
●	11:19:44	Navigated to home page successfully
○	11:19:44	Click on 'Free Listing button'
●	11:19:54	'Free Listing' button clicked successfully
○	11:19:54	Validate Free Listing form
Error Screenshot 1:		
○	11:20:10	
Error Screenshot 2:		
○	11:20:16	
Error Screenshot 3:		
○	11:20:20	
●	11:20:21	Free Listing form validated successfully
○	11:20:21	Navigate to home page
●	11:20:23	Navigated to home page successfully
○	11:20:23	Scroll the page
●	11:20:23	Page scrolled successfully
○	11:20:23	Select 'Fitness' option

ExtentReports 2.0

Automation Report

TESTS

Identify Car Wash Services Pass


11:20:23 Navigated to home page successfully

11:20:23 Scroll the page successfully

11:20:23 Page scrolled successfully

11:20:23 Select 'Fitness' option


Fitness Screenshot:

11:20:24 

11:20:27 'Fitness' option selected successfully

11:20:27 Select 'Gym' option


Gym Screenshot:

11:20:29 

11:20:31 'Gym' option selected successfully

11:20:31 Display all sub menu items on console

Fitness Screenshot:

11:20:31 

11:20:32 List of all sub menu items displayed on console successfully

11:20:32 Close the browser

ExtentReports 2.0

Automation Report

Total Tests: 1, Total Steps: 39, Total Time Taken (Current Run): 0h 3m 7s+814ms, Total Time Taken (Overall): 0h 3m 7s+814ms

Start: 2021-02-26 11:17:27, End: 2021-02-26 11:20:35

Tests View: 1 test(s) passed, 0 test(s) failed, 0 others

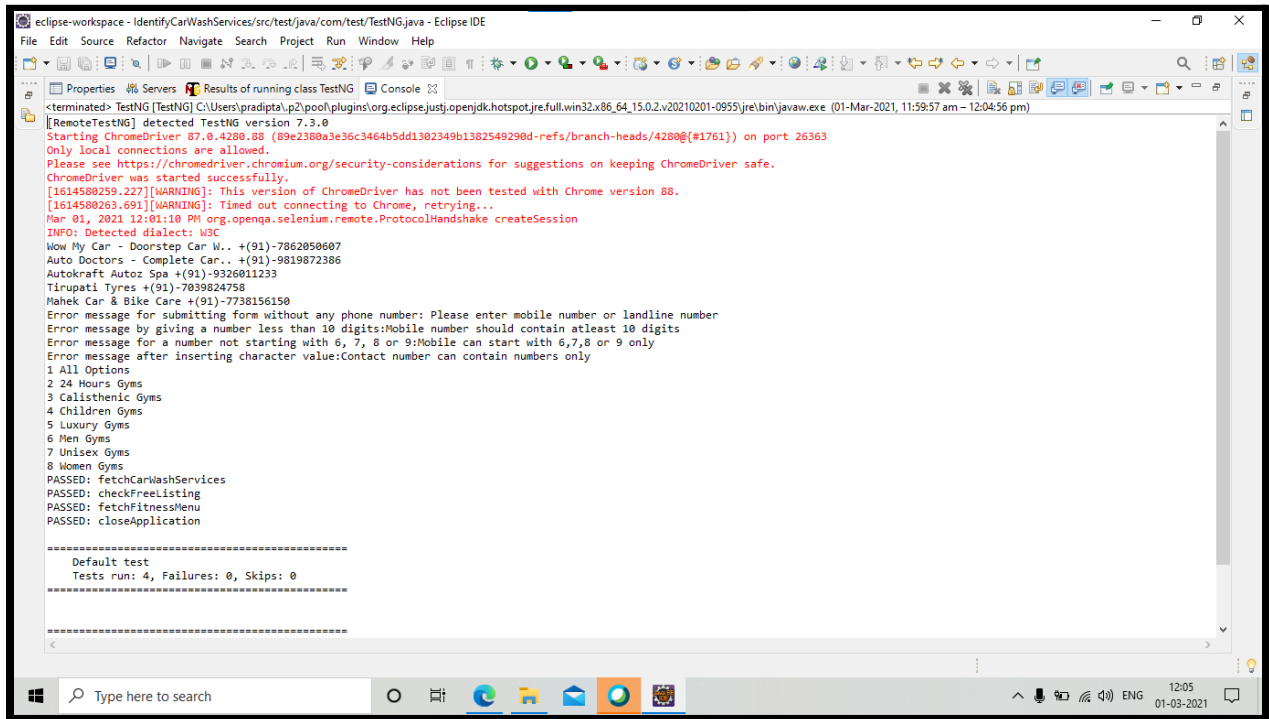
Steps View: 15 step(s) passed, 0 step(s) failed, 24 others

Pass Percentage: 100%

Environment

PARAM	VALUE
User Name	888281
OS	Windows 8.1
Java Version	1.8.0_45
Host Name	PCIN492725

TestNG Report:

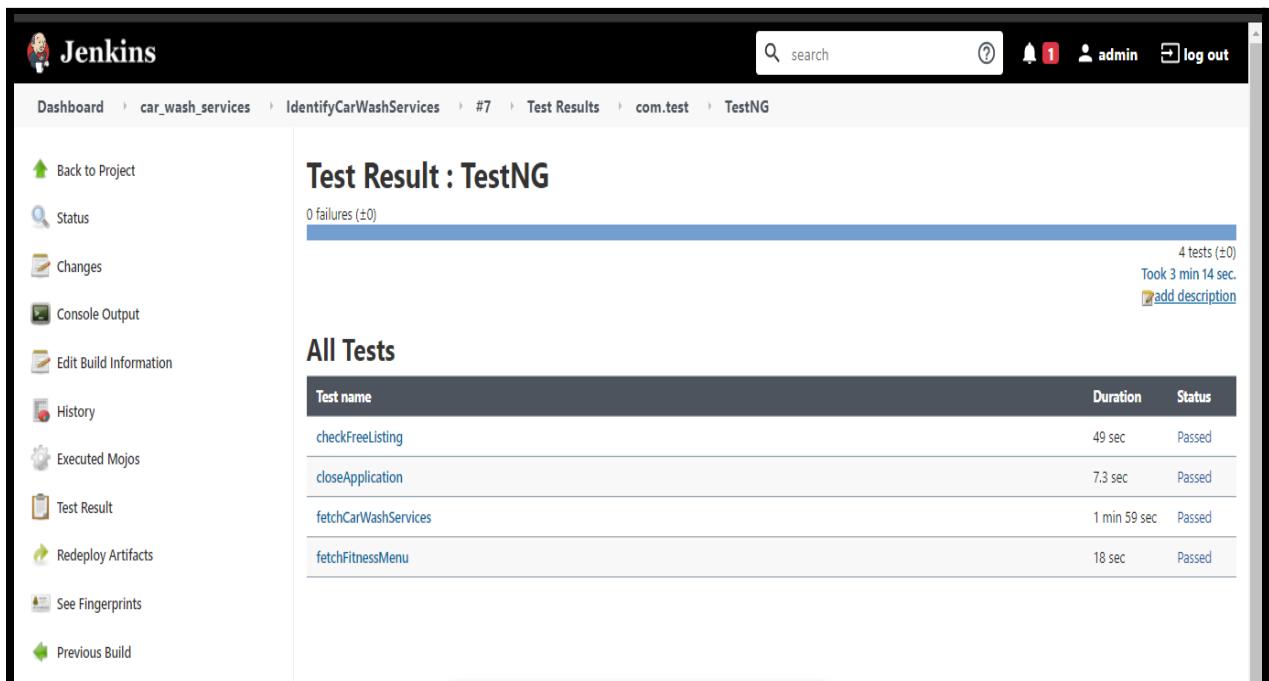


The screenshot shows the Eclipse IDE with the TestNG console output. The output includes the following text:

```
<terminated> TestNG [TestNG] C:\Users\pradip\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_15.0.2.v20210201-0955\jre\bin\javaw.exe (01-Mar-2021, 11:59:57 am - 12:04:56 pm)
[RemoteTestNG] detected TestNG version 7.3.0
Starting ChromeDriver 87.0.4280.88 (89e2380a3e36c3464b5dd1302349b1382549290d-refs/branch-heads/4280@(#1761)) on port 26363
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
[1614580259.227][WARNING]: This version of ChromeDriver has not been tested with Chrome version 88.
[1614580263.691][WARNING]: Timed out connecting to Chrome, retrying...
Mar 01, 2021 12:01:10 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
Wow My Car - Doorstep Car W.. +(91)-7862850607
Auto Doctors - Complete Car.. +(91)-9819872386
Autokraft Autoz Spa +(91)-9326011235
Tirupati Tyres +(91)-7039824758
Mahek Car & Bike Care +(91)-7738156150
Error message for submitting form without any phone number: Please enter mobile number or landline number
Error message by giving a number less than 10 digits: Mobile number should contain atleast 10 digits
Error message for a number not starting with 6, 7, 8 or 9: Mobile can start with 6,7,8 or 9 only
Error message after inserting character value: Contact number can contain numbers only
1 All Options
2 24 Hours Gyms
3 Callisthenic Gyms
4 Children Gyms
5 Luxury Gyms
6 Men Gyms
7 Unisex Gyms
8 Women Gyms
PASSED: fetchCarWashServices
PASSED: checkFreeListing
PASSED: fetchFitnessMenu
PASSED: closeApplication

Default test
Tests run: 4, Failures: 0, Skips: 0
```

TestNG in Jenkins:



The screenshot shows the Jenkins TestNG Test Result page. The page displays the following information:

- Test Result : TestNG**
- 0 failures (±0)**
- 4 tests (±0)**
- Took 3 min 14 sec**
- add description**

All Tests

Test name	Duration	Status
checkFreeListing	49 sec	Passed
closeApplication	7.3 sec	Passed
fetchCarWashServices	1 min 59 sec	Passed
fetchFitnessMenu	18 sec	Passed

Selenium Grid:

The screenshot displays the Selenium Configuration web interface. At the top, there is a navigation bar with a search bar, a help icon, a notification bell, and user information (admin, log out). Below the navigation bar, the breadcrumb trail reads: Dashboard > Nodes > master > Selenium node Management.

Selenium Configuration

Running configurations

Name	Status	Environment variables	JVM options	Selenium options	Service actions
windows-config	Started		webdriver.chrome.driver=C:\Users\pradipta\Desktop\excel\Hackathon-Car-Wash-Services-1-master\Drivers\chromedriver.exe opera.binary=C:\Users\pradipta\Desktop\excel\Hackathon-Car-Wash-Services-1-master\Drivers\operadriver.exe	-port 4445 -maxSession 5 -browser seleniumProtocol=WebDriver,browserName=firefox,maxInstances=5,firefox_binary=C:\Users\pradipta\Desktop\excel\Hackathon-Car-Wash-Services-1-master\Drivers\geckodriver.exe -browser seleniumProtocol=WebDriver,browserName=chrome,maxInstances=5 -browser seleniumProtocol=WebDriver,browserName=opera,maxInstances=5 -host DESKTOP-UH90FS	<button>Restart</button> <button>Start</button> <button>Stop</button>

Matching configurations

Type	Name	Matching type	Description summary	Actions
	windows-config	Match all nodes	5 Instances of Firefox (version : Not specified) 5 Instances of Chrome (version : Not specified) 5 Instances of Opera (version : Not specified)	<button>Restart</button>

Jenkins 2.263.4

Windows taskbar at the bottom shows the search bar, task view button, and several application icons (Edge, File Explorer, Mail, Chrome, etc.). The system clock indicates 01:00 on 28-02-2021.

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