

INSTALLED APPLICATIONS		
S/No	NAME	PURPOSE
1	Appium	Mobile App Automation Server
2	Android Studio	Run android emulator and SDK tools
3	Jenkins	Schedule jobs and builds

BUILD INFORMATION	
Initial Run Time	3pm ---> Monday to Friday
Second Run Time	3:20pm ----> Monday to Friday
PREREQUISITES	
Emulator must be up and running before scheduled build time	Emulator Name - Pixel 3 API 28  Run command 'adb devices' on command prompt to ensure the emulator isn't displaying unauthorised.
Appium Server must be up and running	A jenkins jobs already handles this

ERROR DESCRIPTION		
Error Narration	Source / Cause	Resolution
Couldn't find a connected android device	Build Log  Emulator is not running	Launch emulator as advised in 'prerequisites' above
Adb device unauthorised	Build Log  Emulator did not load properly	Close emulator and relaunch.  Run command 'adb devices' and ensure the emulator isn't showing as unauthorised.

An element could not be located on the page using the given search parameters	Emailable report  The emulator is not responsive or a field on the app is not responsive, e.g the State / City dropdown is not loading values	Rerun test a second time. If response persist, investigation will be required
---	---	--

## UNDERSTANDING THE REPORT

**SUCCESS** - All tests ran successfully

The screenshot shows an email interface. The subject line is "LoanDirect Regression Test Results - Success" and is highlighted with a red box. The sender is "loandirectapp@gmail.com" and the recipient is "to me". The email is dated "Thu, Jul 23, 4:56 PM (3 days ago)". The body text says "Dear All, Please find below the results of the regression tests conducted on the LoanDirect Mobile App." Below the text, it says "2 Attachments". Two attachment icons are shown, both labeled "emailable-report.ht..." and both are highlighted with red boxes.

**FAILURE** - There was a failure

The screenshot shows an email interface. The subject line is "LoanDirect Regression Test Results - Failure" and is highlighted with a red box. The sender is "loandirectapp@gmail.com" and the recipient is "to me, arthur augustin, joshua chukwu". The email is dated "Thu, Jul 23, 5:15 PM (3 days ago)". The body text says "Dear All, Please find below the results of the regression tests conducted on the LoanDirect Mobile App." Below the text, it says "3 Attachments". Three attachment icons are shown: two labeled "emailable-report.ht..." and one labeled "build.log". The first "emailable-report.ht..." icon and the "build.log" icon are highlighted with red boxes.

## EMAILABLE REPORT ATTACHMENT - Displays details of individual tests

Test	# Passed	# Skipped	# Retried	# Failed	Time (ms)	Included Groups	Excluded Groups
Loandirect Suite							
Password Reset (0)							
<a href="#">Password Reset</a>	1	0	0	0	17,028		
Password Reset							
<a href="#">Password Reset</a>	0	0	0	7	149,861		
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>166,889</b>		

Class	Method	Start	Time (ms)
Loandirect Suite			
Password Reset (0)			
Password Reset — passed			
passwordReset.PasswordReset	<a href="#">resetPassword</a>	1595520184439	17027
Password Reset			
Password Reset — failed			
signup.signupComplete	<a href="#">SignUp</a>	1595520018796	56565
	<a href="#">bankInformationCompletion</a>	1595520091098	15557
	<a href="#">educationAndEmploymentCompletion</a>	1595520106660	15718
	<a href="#">hamburgerIconCheck</a>	1595520137867	15258
	<a href="#">loanApplication</a>	1595520153132	15424
	<a href="#">login</a>	1595520075381	15712
	<a href="#">creditCardCompletion</a>	1595520122382	15473

Passed Test

Failed  
Tests

## EMAILABLE REPORT ATTACHMENT - Individual test failure reason

## signup.signUpComplete#SignUp

```
org.opengaselenium.NoSuchElementException: An element could not be located on the page using the given search parameters.
for documentation on this error, please visit: https://www.seleniumhq.org/exceptions/no_such_element.html
Build info: version: '3.141.59', revision: 'e82be7d358', time: '2018-11-14T08:17:03'
System info: host: 'SERVER', ip: '169.254.251.19', os.name: 'Windows Server 2012 R2', os.arch: 'amd64', os.version: '6.3', java.version: '1.8.0_131'
Driver info: io.appium.java_client.AppiumDriver
Capabilities {appActivity: loandirect.com.loandirect.c..., appPackage: loandirect.com.loandirect, automationName: uiautomator2, databaseEnabled: false, desired: {
Session ID: 6fe3a58f-1e7c-47f7-b50f-537bc32dda9c
*** Element info: {Using=id, value=loandirect.com.loandirect:id/done}
    at org.opengaselenium.remote.http.W3CHttpResponseCodec.createException(W3CHttpResponseCodec.java:187)
    at org.opengaselenium.remote.http.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:122)
    at org.opengaselenium.remote.http.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:49)
    at org.opengaselenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:158)
    at io.appium.java_client.remote.AppiumCommandExecutor.execute(AppiumCommandExecutor.java:239)
    at org.opengaselenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:552)
    at io.appium.java_client.DefaultGenericMobileDriver.execute(DefaultGenericMobileDriver.java:41)
    at io.appium.java_client.AppiumDriver.execute(AppiumDriver.java:1)
    at org.opengaselenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:323)
    at io.appium.java_client.DefaultGenericMobileDriver.findElement(DefaultGenericMobileDriver.java:61)
    at io.appium.java_client.AppiumDriver.findElement(AppiumDriver.java:1)
    at org.opengaselenium.remote.RemoteWebDriver.findElementById(RemoteWebDriver.java:372)
    at io.appium.java_client.DefaultGenericMobileDriver.findElementById(DefaultGenericMobileDriver.java:69)
    at io.appium.java_client.AppiumDriver.findElementById(AppiumDriver.java:1)
    at org.opengaselenium.By$ById.findElement(By.java:188)
    at org.opengaselenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:315)
    at io.appium.java_client.DefaultGenericMobileDriver.findElement(DefaultGenericMobileDriver.java:57)
    at io.appium.java_client.AppiumDriver.findElement(AppiumDriver.java:1)
    at signup.signUpComplete.SignUp(signUpComplete.java:63)
    at java.util.ArrayList.forEach(ArrayList.java:1249)
... Removed 36 stack frames
```

## BUILD LOGS - Displays exact failure details from the Jenkins job

```
[INFO]
[INFO] Results:
[INFO]
[ERROR] Failures:
[ERROR] PasswordReset.resetPassword:19 NullPointerException
[ERROR] PasswordReset>BaseClass.tearDown:46 » NullPointerException
[ERROR] signUpComplete.SignUp:35 » NullPointerException
[ERROR] signUpComplete.bankInformationCompletion:163 » NullPointerException
[ERROR] signUpComplete.educationAndEmploymentCompletion:191 » NullPointerException
[ERROR] signUpComplete.hamburgerIconCheck:267 NullPointerException
[ERROR] signUpComplete.loanApplication:277 » NullPointerException
[ERROR] signUpComplete.login:151 NullPointerException
[ERROR] signUpComplete.nextOfKinCompletion:232 » NullPointerException
[ERROR] signUpComplete>BaseClass.tearDown:46 » NullPointerException
[INFO]
[ERROR] Tests run: 12, Failures: 10, Errors: 0, Skipped: 2
[INFO]
[INFO]
[INFO] BUILD FAILURE
[INFO]
[INFO] Total time: 59.126 s
[INFO] Finished at: 2020-07-24T17:01:08+01:00
[INFO]
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M4:test (default-test) on project Loan_Direct_Tests: There are test failures.
[ERROR]
[ERROR] Please refer to C:\Windows\System32\config\systemprofile\AppData\Local\Jenkins.jenkins\workspace\LoanDirect_Regression\target\surefire-reports for the
individua test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
Build step 'Invoke top-level Maven targets' marked build as failure
TestNG Reports Processing: START
Looking for TestNG results report in workspace using pattern: **/testng-results.xml
testng-results.xml was last modified before this build started. Ignoring it.
Saving reports...
Processing 'C:\Windows\system32\config\systemprofile\AppData\Local\Jenkins.jenkins\jobs\LoanDirect_Regression\builds\55\testng\testng-results.xml'
100.000000% of tests failed, which exceeded threshold of 0%. Marking build as UNSTABLE
TestNG Reports Processing: FINISH
Email was triggered for: Failure - Any
Sending email for trigger: Failure - Any
```