



MISO 4208

Pruebas

Automáticas -

Reporte 2



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Estrategia de pruebas:

Pruebas automáticas, sin ejecución de pruebas manuales.

Pruebas de sistema mediante el uso de Monkey y Firebase.

Pruebas de aceptación mediante Calabash.



1.

App Android 1

MyExpenses

Personal finance manager for Android.



“

Pruebas Realizadas en este Sprint:

- Monkey,
- Calabash,
- Firebase.

Monkey

Ejecución de 13 Monkeys haciendo uso de las semillas generadas cuando se encontraba una excepción y haciendo uso de las diferentes categorías de eventos proporcionados por el comando.

Tiempo de ejecución de alrededor de 4 a 5 horas.

Monkey

Por ejemplo:

```
adb shell monkey -p  
org.totschnig.myexpenses -v 5000000 >  
MyExpensesLog(4).txt
```

Este Monkey tomó alrededor de 3 horas en ser ejecutado y genero excepción pero esta no era de la app.

Monkey

```
Terminal
+ //      at com.android.inputmethod.keyboard.KeyboardLayoutSet.getKeyboard(KeyboardLayoutSet.java:227)
x //      at com.android.inputmethod.keyboard.KeyboardLayoutSet.getKeyboard(KeyboardLayoutSet.java:204)
//      ... 60 more

C:\Users\JC\AppData\Local\Android\sdk\platform-tools>adb shell monkey -p org.totschnig.myexpenses -v 5000000 > MyExpensesLog(4).txt
args: [-p, org.totschnig.myexpenses, -v, 5000000]
arg: "-p"
arg: "org.totschnig.myexpenses"
arg: "-v"
arg: "5000000"
data="org.totschnig.myexpenses"
// CRASH: com.google.android.googlequicksearchbox:search (pid 2266)
// Short Msg: java.lang.IllegalStateException
// Long Msg: java.lang.IllegalStateException: Cannot start assistant activity on a hidden session
// Build Label: google/sdk_gphone_x86/generic_x86:8.0.0/OSR1.170720.005/4205617:userdebug/dev-keys
// Build Changelist: 4205617
// Build Time: 1500682265000
// java.lang.IllegalStateException: Cannot start assistant activity on a hidden session
//      at android.app.Instrumentation.checkStartActivityResult(Instrumentation.java:1960)
//      at android.service.voice.VoiceInteractionSession.startAssistantActivity(VoiceInteractionSession.java:1291)
//      at com.google.android.apps.gsa.assist.GsaVoiceInteractionSession.e(SourceFile:561)
//      at com.google.android.apps.gsa.staticplugins.opa.k.a(SourceFile:181)
//      at com.google.android.apps.gsa.assist.GsaVoiceInteractionSession.onShow(SourceFile:385)
//      at android.service.voice.VoiceInteractionSession$doShow(VoiceInteractionSession.java:1011)
//      at android.service.voice.VoiceInteractionSession$MyCallbacks.executeMessage(VoiceInteractionSession.java:872)
//      at com.android.internal.os.HandlerCaller$MyHandler.handleMessage(HandlerCaller.java:37)
//      at android.os.Handler.dispatchMessage(Handler.java:105)
//      at android.os.Looper.loop(Looper.java:164)
//      at android.app.ActivityThread.main(ActivityThread.java:6541)
//      at java.lang.reflect.Method.invoke(Native Method)
//      at com.android.internal.os.Zygote$MethodAndArgsCaller.run(Zygote.java:240)
//      at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:767)
//
** System appears to have crashed at event 1473814 of 5000000 using seed 1508047945124
```

Monkey

Por ejemplo:

```
adb shell monkey -p  
org.totschnig.myexpenses -v 10000  
--ignore-crashes > MyExpensesLog(1).txt
```

Se ejecutó y genero una excepción pero no era de la app, con la semilla 1508070564883. Esta semilla se usó en otro Monkey y se volvió a generar la misma excepción.

Monkey

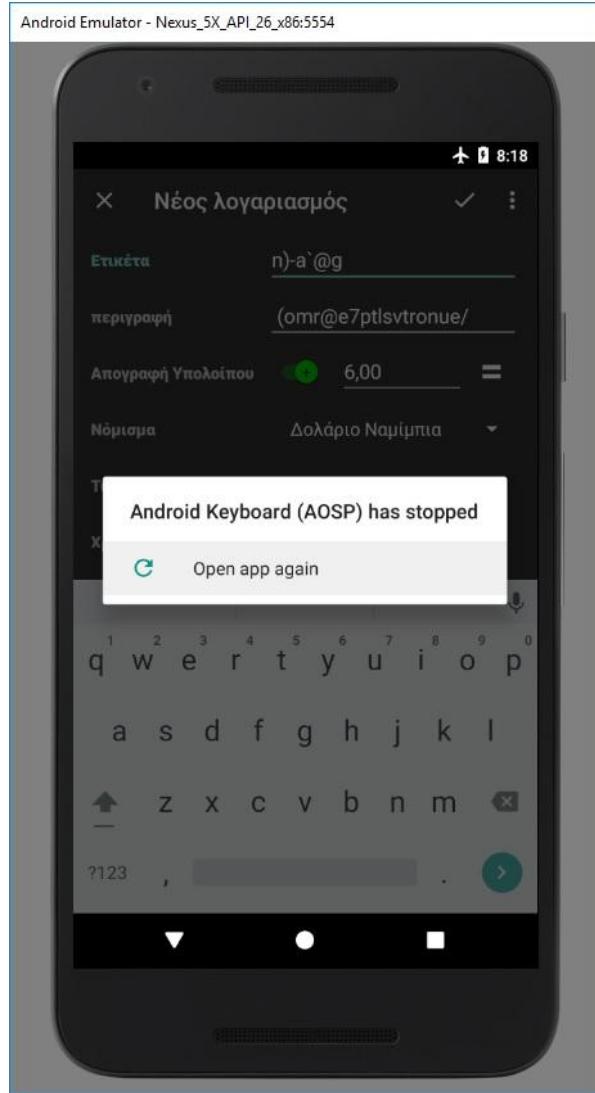
Terminal

```
+ C:\Users\JC\AppData\Local\Android\ sdk\platform-tools>adb shell monkey -p org.totschnig.myexpenses -v 1000 --ignore-crashes > MyExpensesLog(1).txt
-x args: [-p, org.totschnig.myexpenses, -v, 1000, --ignore-crashes]
  arg: "-p"
  arg: "org.totschnig.myexpenses"
  arg: "-v"
  arg: "1000"
  arg: "--ignore-crashes"
data="org.totschnig.myexpenses"

C:\Users\JC\AppData\Local\Android\ sdk\platform-tools>adb shell monkey -p org.totschnig.myexpenses -v 10000 --ignore-crashes > MyExpensesLog(1).txt
args: [-p, org.totschnig.myexpenses, -v, 10000, --ignore-crashes]
  arg: "-p"
  arg: "org.totschnig.myexpenses"
  arg: "-v"
  arg: "10000"
  arg: "--ignore-crashes"
data="org.totschnig.myexpenses"

// CRASH: com.android.inputmethod.latin (pid 1685)
// Short Msg: com.android.inputmethod.latin.utils.XmlParseUtils$ParseException
// Long Msg: com.android.inputmethod.latin.utils.XmlParseUtils$ParseException: Empty keySpec at Binary XML file line #39
// Build Label: google/sdk_gphone_x86/generic_x86:8.0.0/OSR1.170720.005/4205617:userdebug/dev-keys
// Build Changelist: 4205617
// Build Time: 1500682265000
// com.android.inputmethod.keyboard.KeyboardLayoutSet$KeyboardLayoutSetException: java.lang.IllegalArgumentException: Empty keySpec at Binary XML file line #39
//   at com.android.inputmethod.keyboard.KeyboardLayoutSet.getKeyboard(KeyboardLayoutSet.java:207)
//   at com.android.inputmethod.keyboard.KeyboardSwitcher.setKeyboard(KeyboardSwitcher.java:153)
//   at com.android.inputmethod.keyboard.KeyboardSwitcher.setSymbolsKeyboard(KeyboardSwitcher.java:258)
//   at com.android.inputmethod.keyboard.internal.KeyboardState.setSymbolsKeyboard(KeyboardState.java:318)
//   at com.android.inputmethod.keyboard.internal.KeyboardState.toggleAlphabetAndSymbols(KeyboardState.java:262)
//   at com.android.inputmethod.keyboard.internal.KeyboardState.onPressSymbol(KeyboardState.java:411)
//   at com.android.inputmethod.keyboard.internal.KeyboardState.onPressKey(KeyboardState.java:370)
//   at com.android.inputmethod.keyboard.KeyboardSwitcher.onPressKey(KeyboardSwitcher.java:194)
//   at com.android.inputmethod.latin.LatinIME.onPressKey(LatinIME.java:1666)
//   at com.android.inputmethod.keyboard.PointerTracker.callListenerOnPressAndCheckKeyboardLayoutChange(PointerTracker.java:265)
//   at com.android.inputmethod.keyboard.PointerTracker.onDownEventInternal(PointerTracker.java:687)
//   at com.android.inputmethod.keyboard.PointerTracker.onDownEvent(PointerTracker.java:644)
//   at com.android.inputmethod.keyboard.PointerTracker.processMotionEvent(PointerTracker.java:604)
//   at com.android.inputmethod.keyboard.MainKeyboardView.processMotionEvent(MainKeyboardView.java:723)
//   at com.android.inputmethod.keyboard.MainKeyboardView.onTouchEvent(MainKeyboardView.java:710)
//   at android.view.View.dispatchTouchEvent(View.java:11721)
```

Monkey



Monkey

Por ejemplo: (genero la misma excepción del anterior)

```
adb shell monkey --pct-touch 80 --pct-motion  
0 --pct-trackball 0 --pct-nav 0 --pct-majornav 0  
--pct-syskeys 0 --pct-appswitch 0  
--pct-anyevent 20 -p  
org.totschnig.myexpenses -c  
android.intent.category.DEFAULT -c  
android.intent.category.BROWSABLE -c  
android.intent.category.LAUNCHER -vvv  
100000 > MyExpensesLog(13).txt
```

Calabash

Ejecución de features en la app:

- Abrir la app.
- Entrar al menu y ver el balance inicial en ceros.
- Ingresar una nueva cuenta y una nueva transacción relacionada con esa cuenta.

Calabash

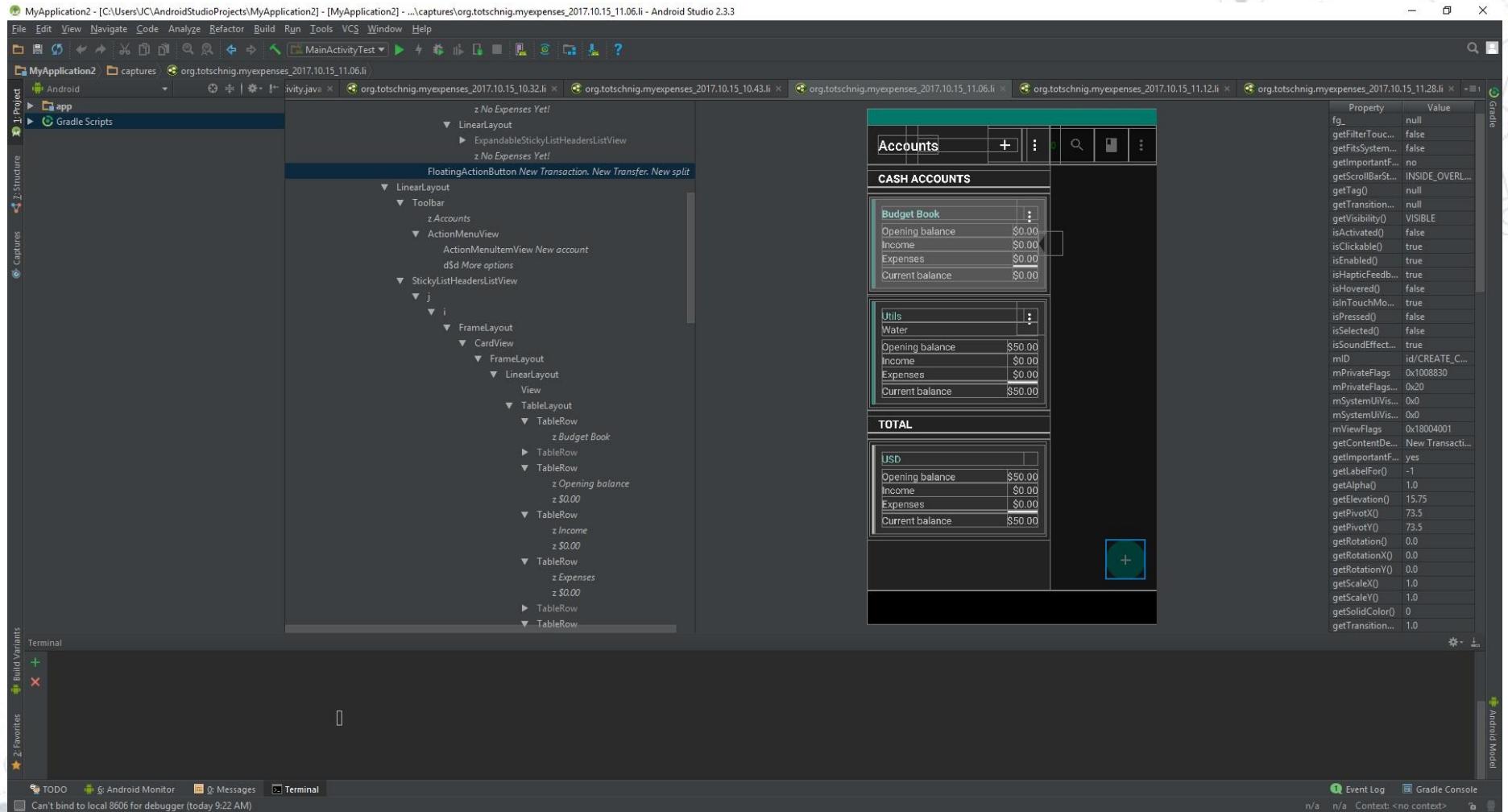
```
C:\WINDOWS\system32\cmd.exe
Then I should see "Transaction list"
Then I touch the "OK" text
Then I should see "No Expenses Yet!"
Then I swipe left
Then I should see "Budget Book"
Then I should see "$0.00"
Then I swipe right
Then I should see "No Expenses Yet!"

Feature: New Account and new transaction feature
  Scenario: As an user I can enter a new account and a new transaction related to that account
    Then I touch the "NEXT" text
    Then I touch the "GET STARTED" text
    Then I should see "No Expenses Yet!"
    Then I swipe left
    Then I should see "Budget Book"
    Then I should see "$0.00"
    And I press "New account"
    Then I should see "New account"
    And I enter "Utils" into input field number 1
    And I enter "Water" into input field number 2
    And I enter "50" into input field number 3
    And I press "Save"
    Then I should see "Utils"
    Then I should see "$50.00"
    Then I swipe left
    Then I should see "Budget Book"
    Then I should see "Utils"
    Then I should see "Water"
    Then I should see "Current balance"
    Then I should see "$50.00"
    Then I swipe right
    Then I should see "No Expenses Yet!"
    And I press "New Transaction. New Transfer. New split"
    Then I should see "New transaction"
    Then I press "Account"
    Then I press "Utils"
    And I enter "40" into input field number 1
    And I enter "juan" into input field number 2
    And I enter "Water" into input field number 3
    And I press "Save"
    Then I swipe left
    Then I should see "Total"
    Then I should see text containing "$50.00 - $40.00 = $10.00"

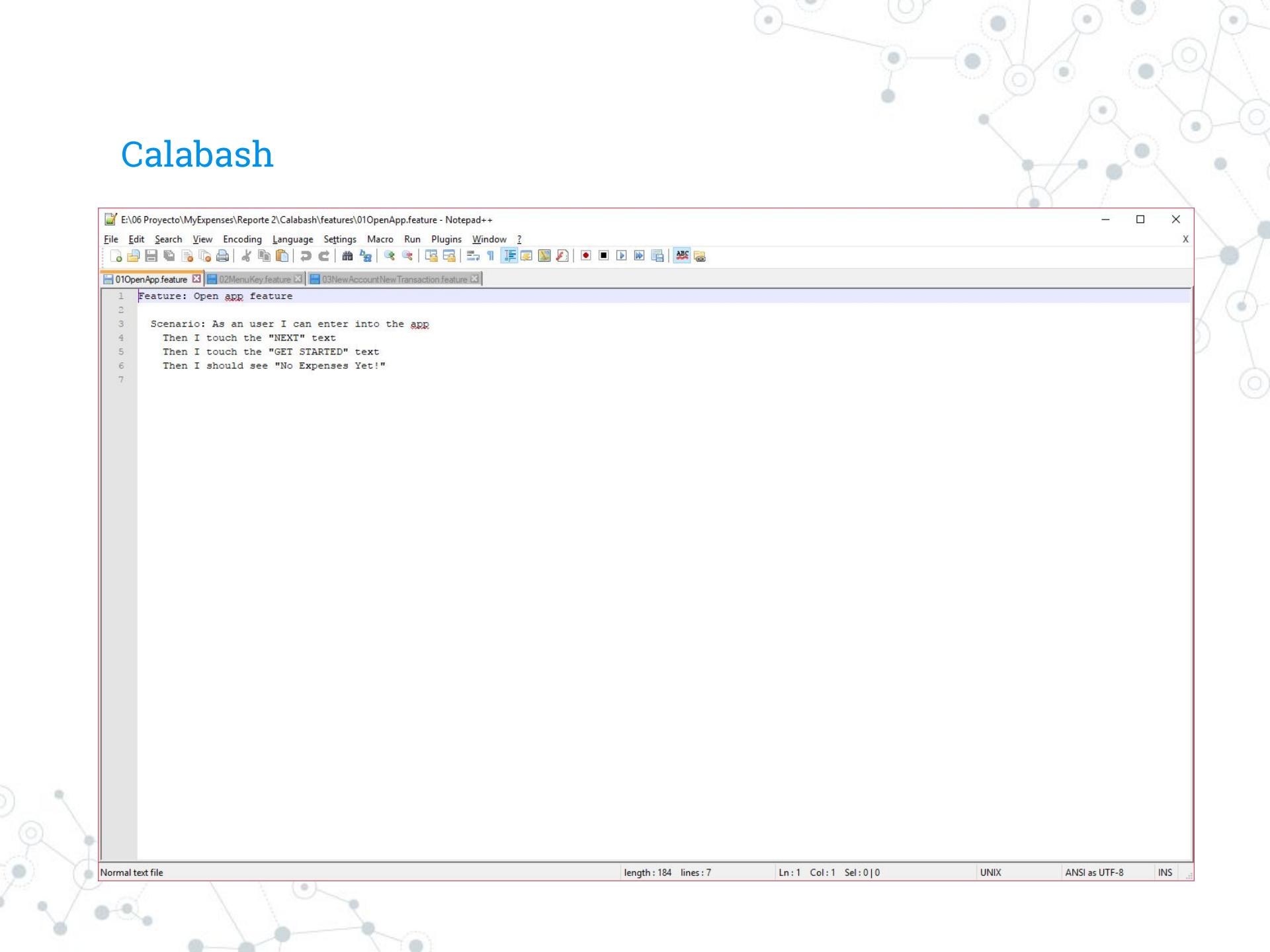
  3 scenarios (3 passed)
  57 steps (57 passed)
  1m37.769s

D:\AndesMIS04208\06 Proyecto\MyExpenses\Reporte_2\Calabash>
```

Calabash



Calabash



E:\06 Proyecto\MyExpenses\Reporte 2\Calabash\features\01OpenApp.feature - Notepad++

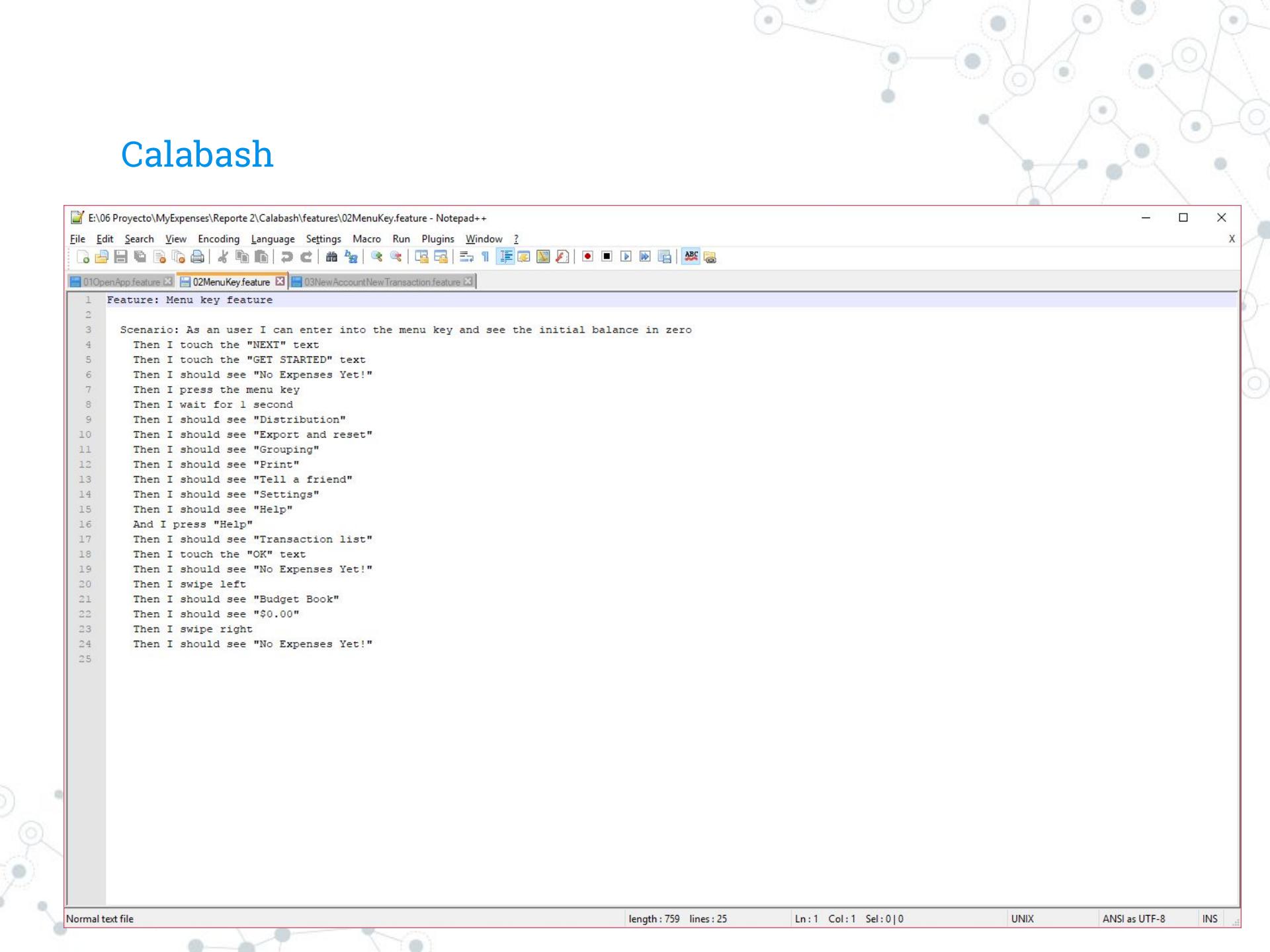
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

01OpenApp.feature 02MenuKey.feature 03NewAccount New Transaction.feature

```
1 Feature: Open app feature
2
3 Scenario: As an user I can enter into the app
4   Then I touch the "NEXT!" text
5   Then I touch the "GET STARTED" text
6   Then I should see "No Expenses Yet!"
7
```

Normal text file length : 184 lines : 7 Ln : 1 Col : 1 Sel : 0 | 0 UNIX ANSI as UTF-8 INS

Calabash



E:\06 Proyecto\MyExpenses\Reporte 2\Calabash\features\02MenuKey.feature - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

01OpenApp.feature 02MenuKey.feature 03NewAccountNewTransaction.feature

```
1 Feature: Menu key feature
2
3 Scenario: As an user I can enter into the menu key and see the initial balance in zero
4 Then I touch the "NEXT" text
5 Then I touch the "GET STARTED" text
6 Then I should see "No Expenses Yet!"
7 Then I press the menu key
8 Then I wait for 1 second
9 Then I should see "Distribution"
10 Then I should see "Export and reset"
11 Then I should see "Grouping"
12 Then I should see "Print"
13 Then I should see "Tell a friend"
14 Then I should see "Settings"
15 Then I should see "Help"
16 And I press "Help"
17 Then I should see "Transaction list"
18 Then I touch the "OK" text
19 Then I should see "No Expenses Yet!"
20 Then I swipe left
21 Then I should see "Budget Book"
22 Then I should see "$0.00"
23 Then I swipe right
24 Then I should see "No Expenses Yet!"
25
```

Normal text file length : 759 lines : 25 Ln:1 Col:1 Sel:0|0 UNIX ANSI as UTF-8 INS

Calabash



E:\06 Proyecto\MyExpenses\Reporte 2\Calabash\features\03NewAccountNewTransaction.feature - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

01OpenApp.feature | 02MenuKey.feature | 03NewAccountNewTransaction.feature

```
1 Feature: New Account and new transaction feature
2
3 Scenario: As an user I can enter a new account and a new transaction related to that account
4   Then I touch the "NEXT" text
5   Then I touch the "GET STARTED" text
6   Then I should see "No Expenses Yet!"
7   Then I swipe left
8   Then I should see "Budget Book"
9   Then I should see "$0.00"
10  And I press "New account"
11  Then I should see "New account"
12  And I enter "Utils" into input field number 1
13  And I enter "Water" into input field number 2
14  And I enter "50" into input field number 3
15  And I press "Save"
16  Then I should see "Utils"
17  Then I should see "$50.00"
18  Then I swipe left
19  Then I should see "Budget Book"
20  Then I should see "Utils"
21  Then I should see "Water"
22  Then I should see "Current balance"
23  Then I should see "$50.00"
24  Then I swipe right
25  Then I should see "No Expenses Yet!"
26  And I press "New Transaction. New Transfer. New split"
27  Then I should see "New transaction"
28  Then I press "Account"
29  Then I press "Utils"
30  And I enter "40" into input field number 1
31  And I enter "jwan" into input field number 2
32  And I enter "Water" into input field number 3
33  And I press "Save"
34  Then I swipe left
35  Then I should see "Total"
36  Then I should see text containing "$50.00 - $40.00 = $10.00"
37
```

Normal text file length : 1239 lines : 37 Ln:1 Col:1 Sel:0|0 UNIX ANSI as UTF-8 INS

Firebase

- ◎ Para esta parte se ejecutaron pruebas en la nube con "Firebase Test Lab for Android Robo Test". Robo test analiza la estructura de la UI de la app y después ejecuta acciones sobre la misma.
- ◎ Se ejecutaron dos sets de pruebas, durante dos días de acuerdo a la cuota que se podía usar en Firebase, las ejecuciones pasaron correctamente.

Firebase

The screenshot shows the Firebase Test Lab interface. On the left, a sidebar lists various services: Overview, Analytics, DEVELOP, Authentication, Database, Storage, Hosting, Functions, Test Lab (which is selected), Crash Reporting, Performance, GROW, Notifications, Remote Config, Dynamic Links, EARN, and AdMob. At the bottom of the sidebar, it says "Spark Free \$0/month" and has an "UPGRADE" button.

The main area shows a "Matrix #576616" for a "Robo test, Just now". The matrix summary indicates 0 Failed, 9 Passed, 0 Skipped, and 0 Inconclusive tests. Below this, a table details the test execution environment for each of the 9 passed tests:

Test execution	Duration	Locale	Orientation	Issues
Galaxy S7 edge, API Level 23	—	English, United States	Portrait	—
Nexus 7 (2012), Virtual, API Level 22	—	English, United States	Portrait	—
Pixel, API Level 26	—	English, United States	Portrait	—
Nexus 6P, Virtual, API Level 25	—	English, United States	Portrait	—
Nexus 5, API Level 23	—	English, United States	Portrait	—
Nexus 4, Virtual, API Level 22	—	English, United States	Portrait	—
Nexus 5X, Virtual, API Level 23	—	English, United States	Portrait	—
Nexus 5X, Virtual, API Level 26	—	English, United States	Portrait	—
Nexus 10, Virtual, API Level 22	—	English, United States	Portrait	—

Firebase

Robo test asigna las siguientes categorías a las ocurrencias:

- D Debug
- E Error
- I Information
- W Warning

Firebase

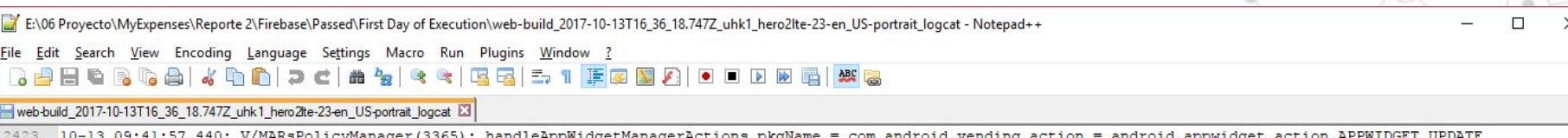
The screenshot shows the Firebase Test Lab interface. The left sidebar contains navigation links for Overview, Analytics, DEVELOP, Authentication, Database, Storage, Hosting, Functions, Test Lab (which is selected and highlighted in blue), Crash Reporting, Performance, GROW, Notifications, Remote Config, Dynamic Links, EARN, and AdMob. A "Spark Free \$0/month" plan is shown at the bottom of the sidebar. The main area displays a complex network graph of numerous mobile devices (represented by black rectangles) connected by lines, illustrating a distributed test environment. The top navigation bar includes File, Edit, View, History, Bookmarks, Tools, Help, and tabs for "AndroidTestMyExpenses", "Mobile App Testing On Hun", and "Mobile App Testing On Hun". The URL in the address bar is https://console.firebaseio.google.com/project/androidtestmyexpenses/testlab/histories/bh.a368e48d9a7c5b6e/matrices/5766167933662125023/executions/bs.5b21c6f9771e8ff. The bottom right corner features a "Go to docs" link and a user profile icon.

Firebase

The screenshot shows the Firebase Test Lab interface for the project "AndroidTestMyExpenses". The current test is "Robo test, Galaxy S7 edge, API Level 23". The log section displays the following errors:

Time	Category	Message
09:41:32.830	AffinityControl	AffinityControl: registerfunction enter
09:41:33.050	rpmbd	<device open> fail
09:41:33.110	lhd	SetCfgValue: Critical Error. Unknown configuration parameter "FlpName"="tcp"
09:41:33.110		SetCfgValue: Critical Error. Unknown configuration parameter "LheClockMHz"="100"
09:41:33.110		SetCfgValue: Critical Error. Unknown configuration parameter "LheSensorIpc"="true"
09:41:33.110		SetCfgValue: Critical Error. Unknown configuration parameter "LhePinMux"="P17=M1"
09:41:33.110		OpenFirmwareFile: Fail to open /efs/sec_efs/sensorhub_urgent_fw.patch, errno 2
		getCustPatchVersion: Fail to parse patch /efs/sec_efs/sensorhub_urgent_fw.patch
		getCustPatchVersion: <CustomerVersion> not found
09:41:33.110		LHD Daemon Process is already running, the second instance will not be started!
09:41:33.110	audit	type=1400 msg=audit(1507912893.110:1066): avc: denied { write } for pid=15694 comm="lhd" name=".lhd.lock" dev="sda18" ino=1267283 scontext=u:r:lhd:s0 tcontext=u:object_r:system_data_file:s0 tclass=file permissive=0
		SEPF_SECMOBILE_6.0.1_0004
		type=1300 msg=audit(1507912893.110:1066): arch=c0000b7 syscall=56 success=no exit=-13 a0=fffffff9c a1=7f9ea11a0
		a2=41 a3=1b0 items=0 ppid=1 pid=15694 uid=4294967295 uid=1021 gid=1000 euid=1021 suid=1021 egid=1000
		sgid=1000 fsgid=1000 tty=(none) ses=4294967295 comm="lhd" exe="/system/bin/lhd" subj=u:r:lhd:s0 key=(null)
		type=1327 msg=audit(1507912893.110:1066): proctitle=2F73797374656D2F62696E2F6C6864002F73797374656D2F6574632F6C68642E636F6E66

Firebase



The screenshot shows the Notepad++ application window with the following details:

- Title Bar:** E:\06 Proyecto\MyExpenses\Reporte 2\Firebase\Passed\First Day of Execution\web-build_2017-10-13T16_36_18.747Z_uhk1_hero2lte-23-en_US-portrait_logcat - Notepad++
- Menu Bar:** File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
- Toolbar:** Includes icons for file operations (New, Open, Save, Print, Find, Replace, Cut, Copy, Paste, Select All, Find in Files, Go To, Go To Line, Go To Column, Go To Line Number, Go To Column Number, Go To Line Range, Go To Column Range, Go To Line Range, Go To Column Range, Go To Line Range, Go To Column Range), and ABC.
- Tab Bar:** web-build_2017-10-13T16_36_18.747Z_uhk1_hero2lte-23-en_US-portrait_logcat
- Text Area:** Displays logcat output from a Samsung device. The log includes various system messages, such as package manager actions, broadcast queue processes, and security-related events. Several lines of the log are highlighted in red, indicating specific points of interest or errors.
- Status Bar:** Shows "Normal text file", "length: 6564066 lines: 54623", "Ln: 2433 Col: 131 Sel: 233|2", "UNIX", "ANSI as UTF-8", and "INS".

- El logcat contiene todos los errores reportados por Firebase de acuerdo a las 4 categorías. En él se encuentran ocurrencias de la app pero no relacionadas con errores, pero sí con las categorías I, W y D.



2.

App Android 2

RunnerUp

An open source run tracker for Android.



“

Pruebas Realizadas en este Sprint:

- Monkey,
- Calabash,
- Firebase.

Monkey

Ejecución de 14 Monkeys haciendo uso de las semillas generadas cuando se encontraba una excepción y haciendo uso de las diferentes categorías de eventos proporcionados por el comando.

Tiempo de ejecución de alrededor de 2 a 3 horas.

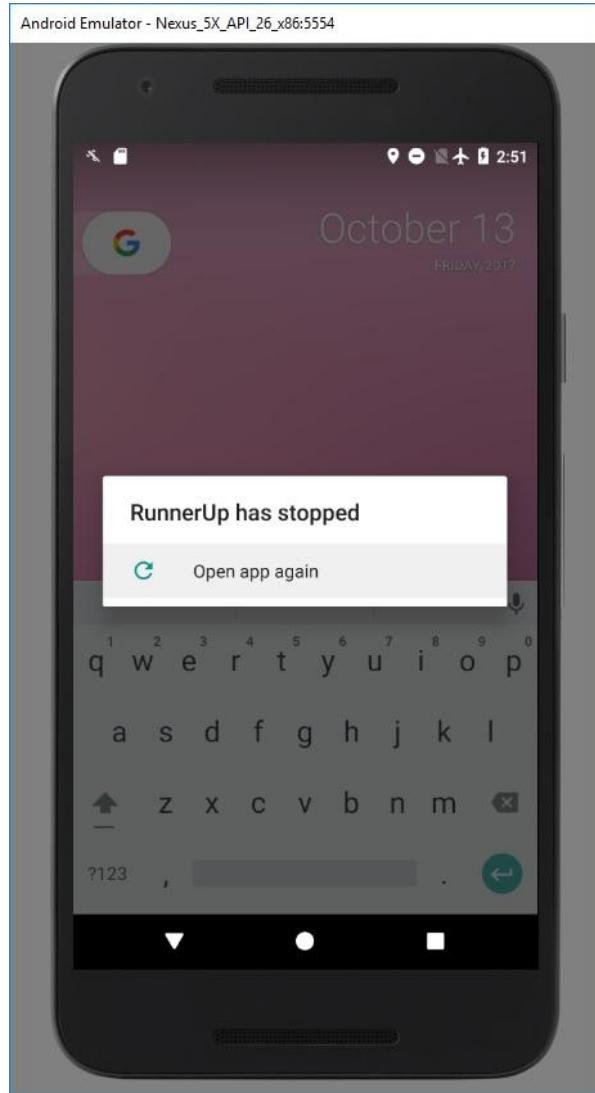
Monkey

Por ejemplo:

```
adb shell monkey -p org.runnerup -v 1000  
--ignore-crashes > RunnerUpLog(1).txt
```

Este Monkey genero excepción de la app.

Monkey



Monkey

```
Terminal
+ C:\Users\JC\AppData\Local\Android\ sdk\platform-tools>adb shell monkey -p org.runnerup -v 1000 --ignore-crashes > RunnerUpLog(l).txt
x args: [-p, org.runnerup, -v, 1000, --ignore-crashes]
  arg: "-p"
  arg: "org.runnerup"
  arg: "-v"
  arg: "1000"
  arg: "--ignore-crashes"
data="org.runnerup"
// CRASH: org.runnerup (pid 3798)
// Short Msg: java.lang.IllegalStateException
// Long Msg: java.lang.IllegalStateException: The specified child already has a parent. You must call removeView() on the child's parent first.
// Build Label: google/sdk_gphone_x86/generic_x86:8.0.0/OSR1.170720.005/4205617:userdebug/dev-keys
// Build Changelist: 4205617
// Build Time: 1500682265000
// java.lang.IllegalStateException: The specified child already has a parent. You must call removeView() on the child's parent first.
//     at android.view.ViewGroup.addViewInner(ViewGroup.java:4915)
//     at android.view.ViewGroup.addView(ViewGroup.java:4746)
//     at android.view.ViewGroup.addView(ViewGroup.java:4686)
//     at android.view.ViewGroup.addView(ViewGroup.java:4659)
//     at org.runnerup.widget.TitleSpinner$4.onClick(TitleSpinner.java:279)
//     at android.view.View.performClick(View.java:6256)
//     at android.view.View$PerformClick.run(View.java:24697)
//     at android.os.Handler.handleCallback(Handler.java:789)
//     at android.os.Handler.dispatchMessage(Handler.java:98)
//     at android.os.Looper.loop(Looper.java:164)
//     at android.app.ActivityThread.main(ActivityThread.java:6541)
//     at java.lang.reflect.Method.invoke(Native Method)
//     at com.android.internal.os.Zygote$MethodAndArgsCaller.run(Zygote.java:240)
//     at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:767)
//
** System appears to have crashed at event 212 of 1000 using seed 1507989524086
C:\Users\JC\AppData\Local\Android\ sdk\platform-tools>
```

Monkey

De la ejecución del Monkey anterior se tomo la semilla y se ejecutaron dos Monkeys con los mismos resultados de excepción:

```
adb shell monkey -s 1507989524086 -p  
org.runnerup -v 1000 --ignore-crashes >  
RunnerUpLog(2).txt
```

```
adb shell monkey -s 1507989524086 -p  
org.runnerup -v 10000 --ignore-crashes >  
RunnerUpLog(3).txt
```

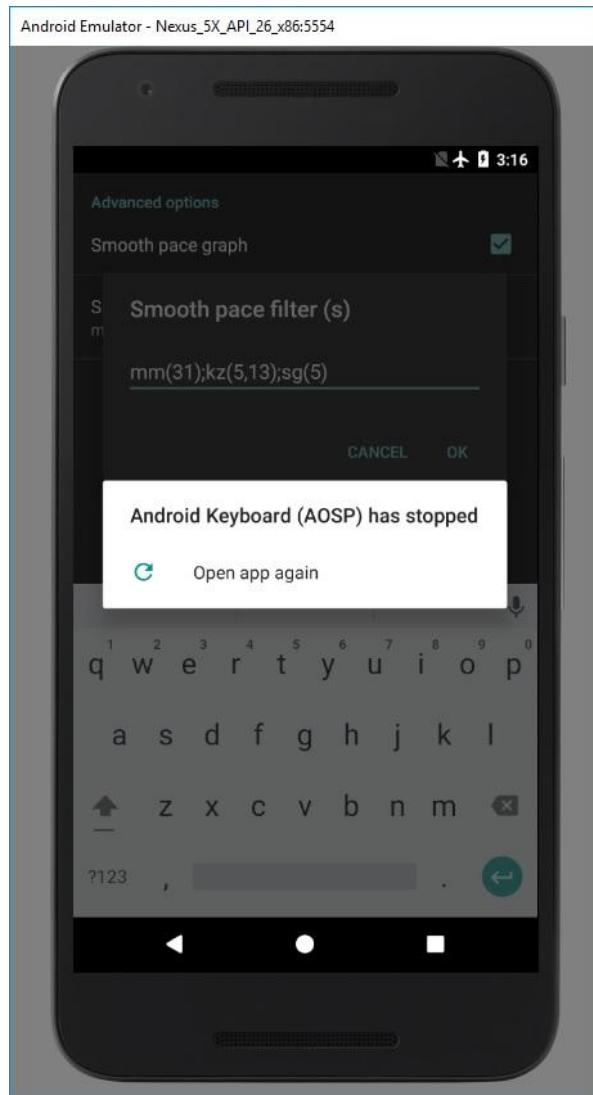
Monkey

Por ejemplo:

```
adb shell monkey -p org.runnerup -v 10000  
--ignore-crashes > RunnerUpLog(4).txt
```

Se ejecutó y generó una excepción pero no era de la app.

Monkey



Monkey

Por ejemplo:

```
adb shell monkey --pct-touch 60  
--pct-majornav 20 --pct-syskeys 0  
--pct-appswitch 20 --pct-anyevent 0 -p  
org.runnerup -vvv 10000 >  
RunnerUpLog(11).txt
```

Genero la semilla 1508116578599 que se uso
en el siguiente Monkey.

Monkey

Por ejemplo:

```
adb shell monkey -s 1508116578599  
--pct-touch 60 --pct-majornav 20 --pct-syskeys  
0 --pct-appswitch 20 --pct-anyevent 0 -p  
org.runnerup -vvv 10000 >  
RunnerUpLog(12).txt
```

Genero crash de la app.

Monkey

Monkey aborted due to error. se ejecutó con la semilla de 11 (1508116578599) qué genero excepción, pero ahora se genero un error mucho peor en la app e incluso en la máquina virtual de android, inclusive en este caso se nota que la app se desinstalo de la máquina virtual de Android y tocó volver a instalar el apk.

Calabash

Ejecución de features en la app:

- Abrir la app.
- Menu Start.
- Menu Feed.
- Menu History.
- Menu Settings.

Calabash

```
C:\WINDOWS\system32\cmd.exe
Scenario: As an user I enter into the History option # features/04History.feature:3
  Given I press "History"                                # calabash-android-0.9.0/lib/calabash-android/steps/press_button_steps.rb:17
  Then I should see ""                                 # calabash-android-0.9.0/lib/calabash-android/steps/assert_steps.rb:9

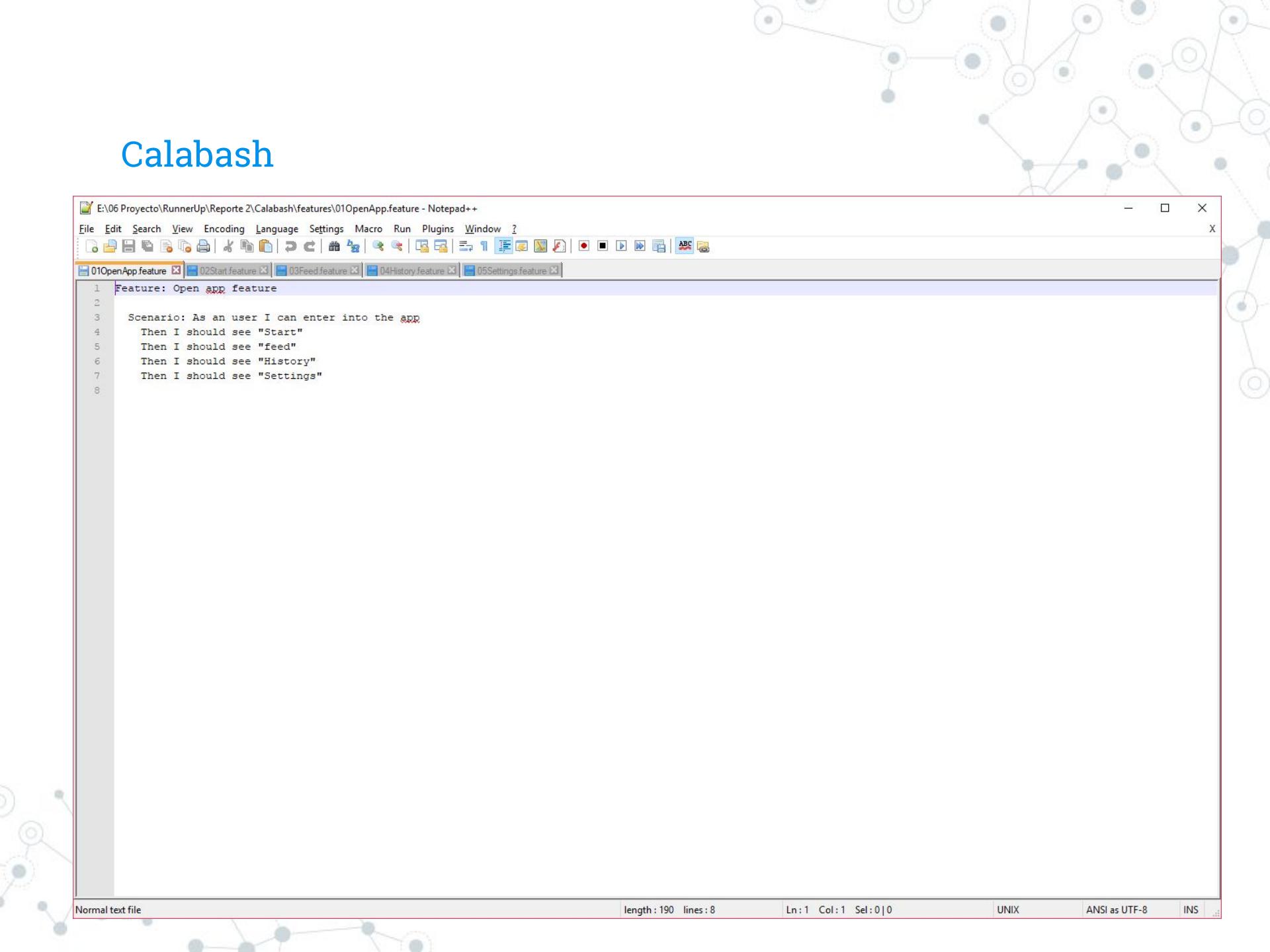
Feature: Settings feature

Scenario: As an user I enter into the Settings option # features/05Settings.feature:3
  Given I press "Settings"                            # calabash-android-0.9.0/lib/calabash-android/steps/press_button_steps.rb:17
  Then I should see "Unit preference"                 # calabash-android-0.9.0/lib/calabash-android/steps/assert_steps.rb:9
  Then I should see "Sensors"                         # calabash-android-0.9.0/lib/calabash-android/steps/assert_steps.rb:9
  Then I should see "Recording"                      # calabash-android-0.9.0/lib/calabash-android/steps/assert_steps.rb:9
  Then I should see "Map"                            # calabash-android-0.9.0/lib/calabash-android/steps/assert_steps.rb:9
  Then I should see "Graph"                          # calabash-android-0.9.0/lib/calabash-android/steps/assert_steps.rb:9
  Then I should see "Accounts"                      # calabash-android-0.9.0/lib/calabash-android/steps/assert_steps.rb:9
  Then I should see "Enable Live"                   # calabash-android-0.9.0/lib/calabash-android/steps/assert_steps.rb:9
  Then I should see "Audio Cues"                   # calabash-android-0.9.0/lib/calabash-android/steps/assert_steps.rb:9
  Then I scroll down                               # calabash-android-0.9.0/lib/calabash-android/steps/navigation_steps.rb:36
  Then I should see "Workout"                       # calabash-android-0.9.0/lib/calabash-android/steps/assert_steps.rb:9
  Then I should see "Maintenance"                  # calabash-android-0.9.0/lib/calabash-android/steps/assert_steps.rb:9
  Then I should see "About"                        # calabash-android-0.9.0/lib/calabash-android/steps/assert_steps.rb:9
  Then I should see "About RunnerUp"              # calabash-android-0.9.0/lib/calabash-android/steps/assert_steps.rb:17
  And I press "About RunnerUp"
  Then I wait for 1 second
  And I wait for "RunnerUp v1.57" to appear
  Then I should see "OK"
  Then I touch the "OK" text
  Then I should see "Workout"
  Then I should see "Maintenance"
  Then I should see "About"
  Then I should see "About RunnerUp"
  Then I scroll up
  And I press "Unit preference"
  Then I wait for 2 seconds
  And I wait for "Unit preference" to appear
  Then I should see "Miles"
  Then I should see "Kilometers"
  Then I touch the "CANCEL" text
  Then I should see "Unit preference"
  Then I should see "Sensors"
  Then I should see "Recording"
  Then I scroll down
  And I press "Maintenance"
  Then I wait for 1 second
  Then I touch the "Export" text
  And I wait for 2 seconds
  Then I should see text containing "bytes"
  Then I touch the "GREAT!" text
  Then I go back
  Then I should see "Maintenance"

5 scenarios (5 passed)
103 steps (103 passed)
2m9.500s

D:\AndesMIS04208\06 Proyecto\RunnerUp\Reporte_2\Calabash>
```

Calabash



E:\06 Proyecto\RunnerUp\Reporte 2\Calabash\features\01OpenApp.feature - Notepad++

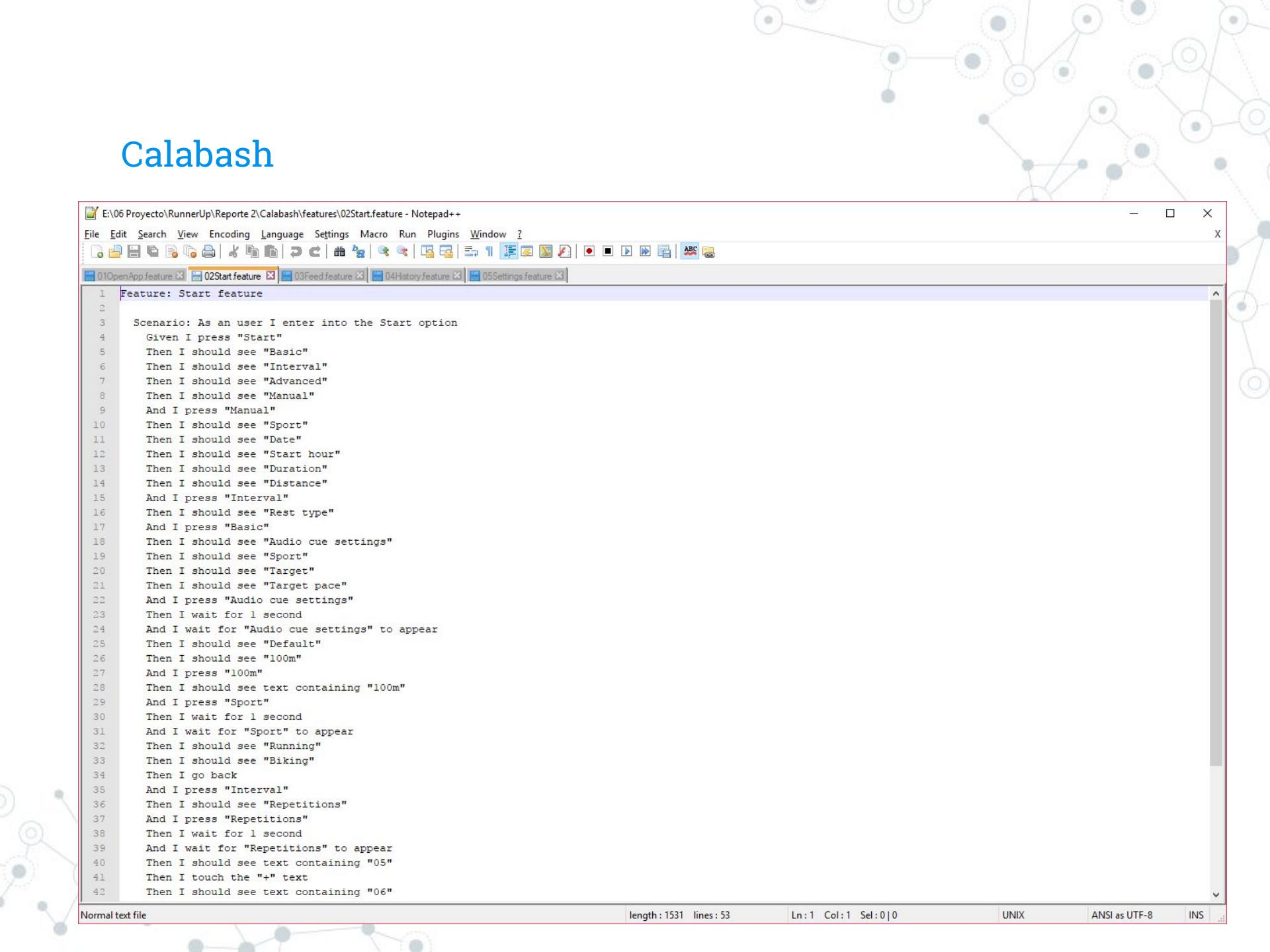
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

01OpenApp.feature 02Start.feature 03Feed.feature 04History.feature 05Settings.feature

```
1 Feature: Open app feature
2
3 Scenario: As an user I can enter into the app
4   Then I should see "Start"
5   Then I should see "feed"
6   Then I should see "History"
7   Then I should see "Settings"
8
```

Normal text file length : 190 lines : 8 Ln : 1 Col : 1 Sel : 0 | 0 UNIX ANSI as UTF-8 INS

Calabash



E:\06 Proyecto\RunnerUp\Reporte 2\Calabash\features\02Start.feature - Notepad++

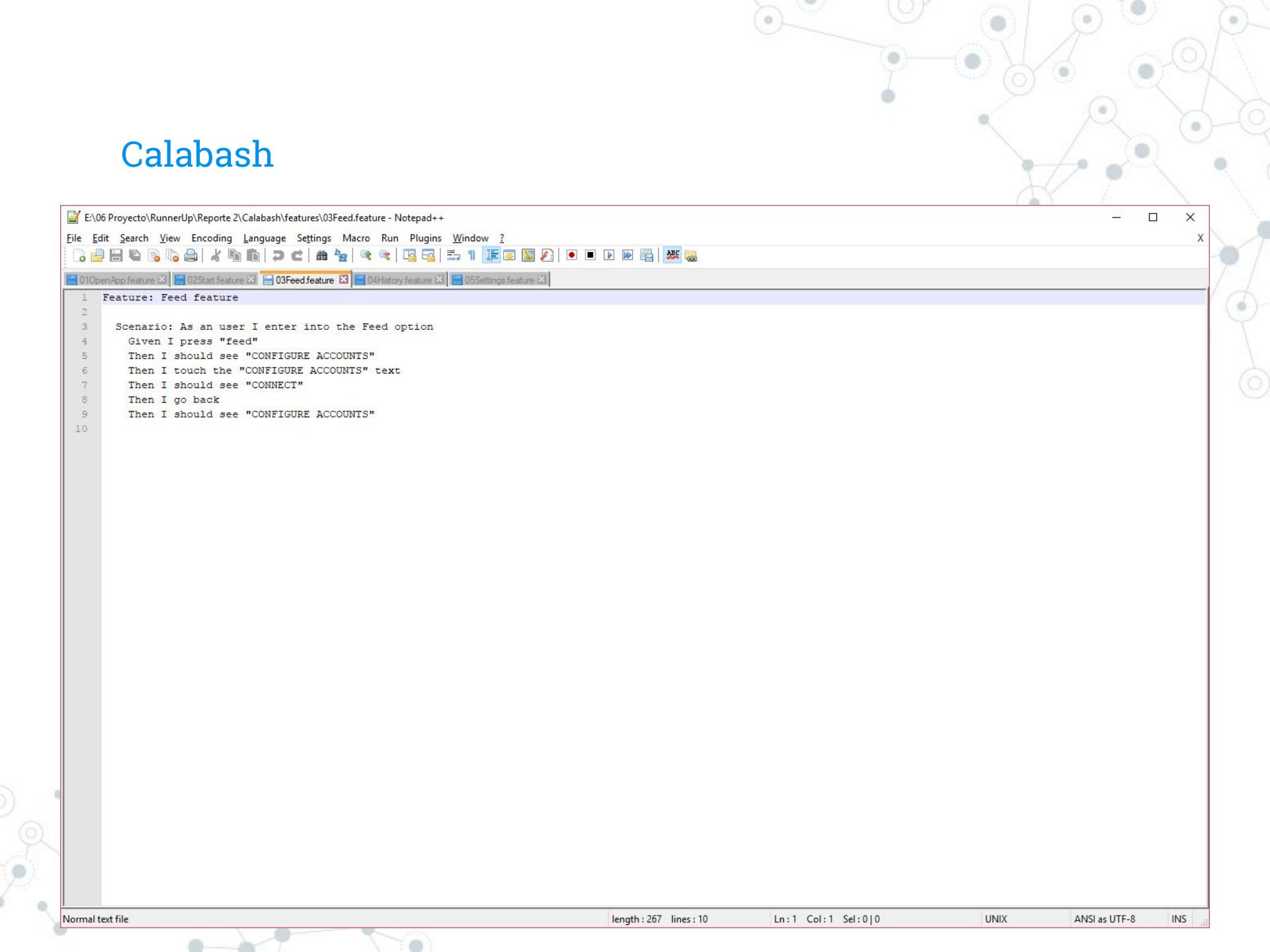
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

01OpenApp.feature 02Start.feature 03Feed.feature 04History.feature 05Settings.feature

```
1 Feature: Start feature
2
3 Scenario: As an user I enter into the Start option
4   Given I press "Start"
5   Then I should see "Basic"
6   Then I should see "Interval"
7   Then I should see "Advanced"
8   Then I should see "Manual"
9   And I press "Manual"
10  Then I should see "Sport"
11  Then I should see "Date"
12  Then I should see "Start hour"
13  Then I should see "Duration"
14  Then I should see "Distance"
15  And I press "Interval"
16  Then I should see "Rest type"
17  And I press "Basic"
18  Then I should see "Audio cue settings"
19  Then I should see "Sport"
20  Then I should see "Target"
21  Then I should see "Target pace"
22  And I press "Audio cue settings"
23  Then I wait for 1 second
24  And I wait for "Audio cue settings" to appear
25  Then I should see "Default"
26  Then I should see "100m"
27  And I press "100m"
28  Then I should see text containing "100m"
29  And I press "Sport"
30  Then I wait for 1 second
31  And I wait for "Sport" to appear
32  Then I should see "Running"
33  Then I should see "Biking"
34  Then I go back
35  And I press "Interval"
36  Then I should see "Repetitions"
37  And I press "Repetitions"
38  Then I wait for 1 second
39  And I wait for "Repetitions" to appear
40  Then I should see text containing "05"
41  Then I touch the "+" text
42  Then I should see text containing "06"
```

Normal text file length : 1531 lines : 53 Ln:1 Col:1 Sel:0|0 UNIX ANSI as UTF-8 INS ..

Calabash



E:\06 Proyecto\RunnerUp\Reporte 2\Calabash\features\03Feed.feature - Notepad++

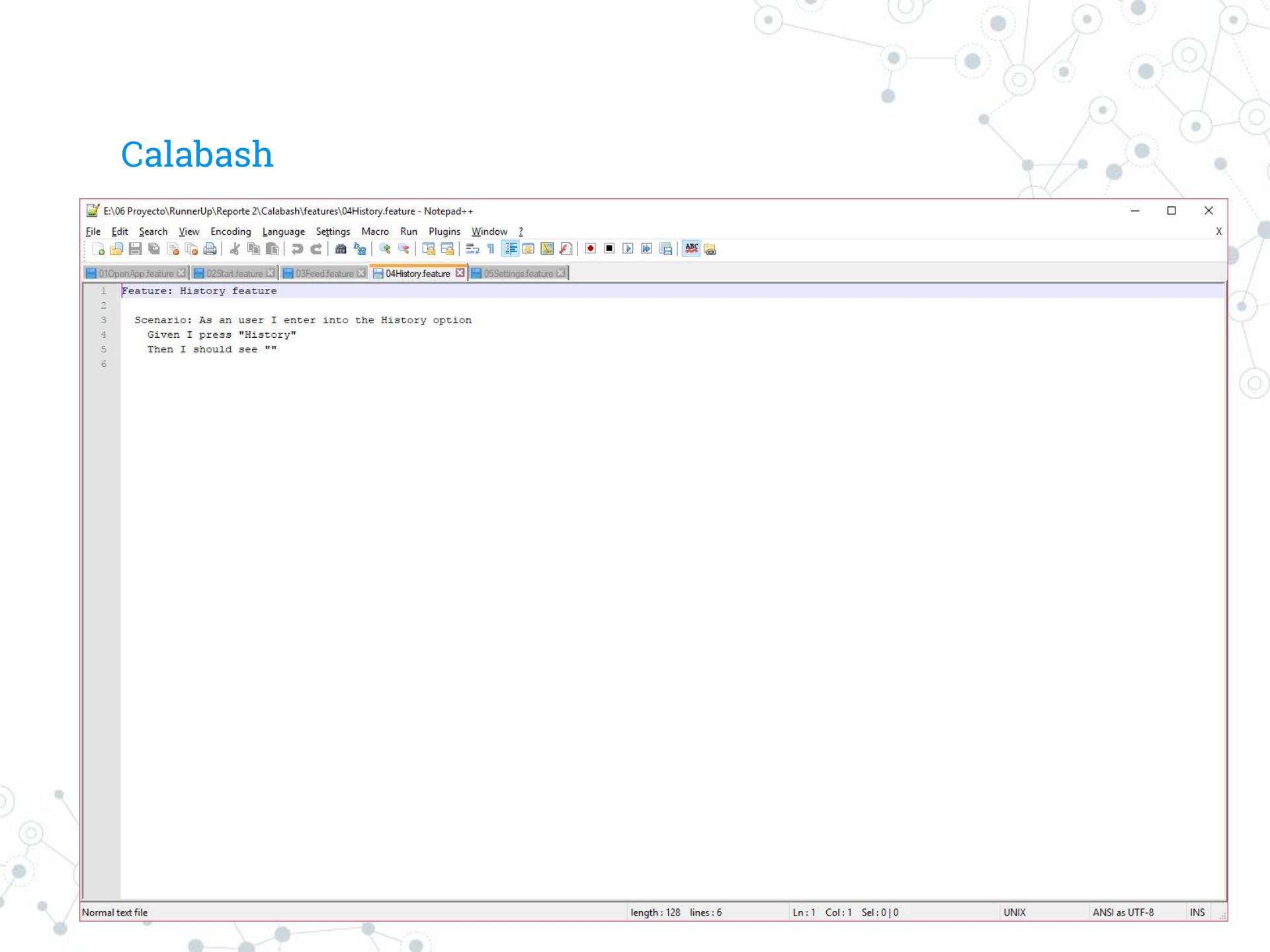
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

01OpenApp.feature 02Start.feature 03Feed.feature 04History.feature 05Settings.feature

```
1 Feature: Feed feature
2
3 Scenario: As an user I enter into the Feed option
4   Given I press "feed"
5   Then I should see "CONFIGURE ACCOUNTS"
6   Then I touch the "CONFIGURE ACCOUNTS" text
7   Then I should see "CONNECT"
8   Then I go back
9   Then I should see "CONFIGURE ACCOUNTS"
10
```

Normal text file length : 267 lines : 10 Ln : 1 Col : 1 Sel : 0 | 0 UNIX ANSI as UTF-8 INS ..

Calabash



E:\06 Proyecto\RunnerUp\Reporte 2\Calabash\features\04History.feature - Notepad++

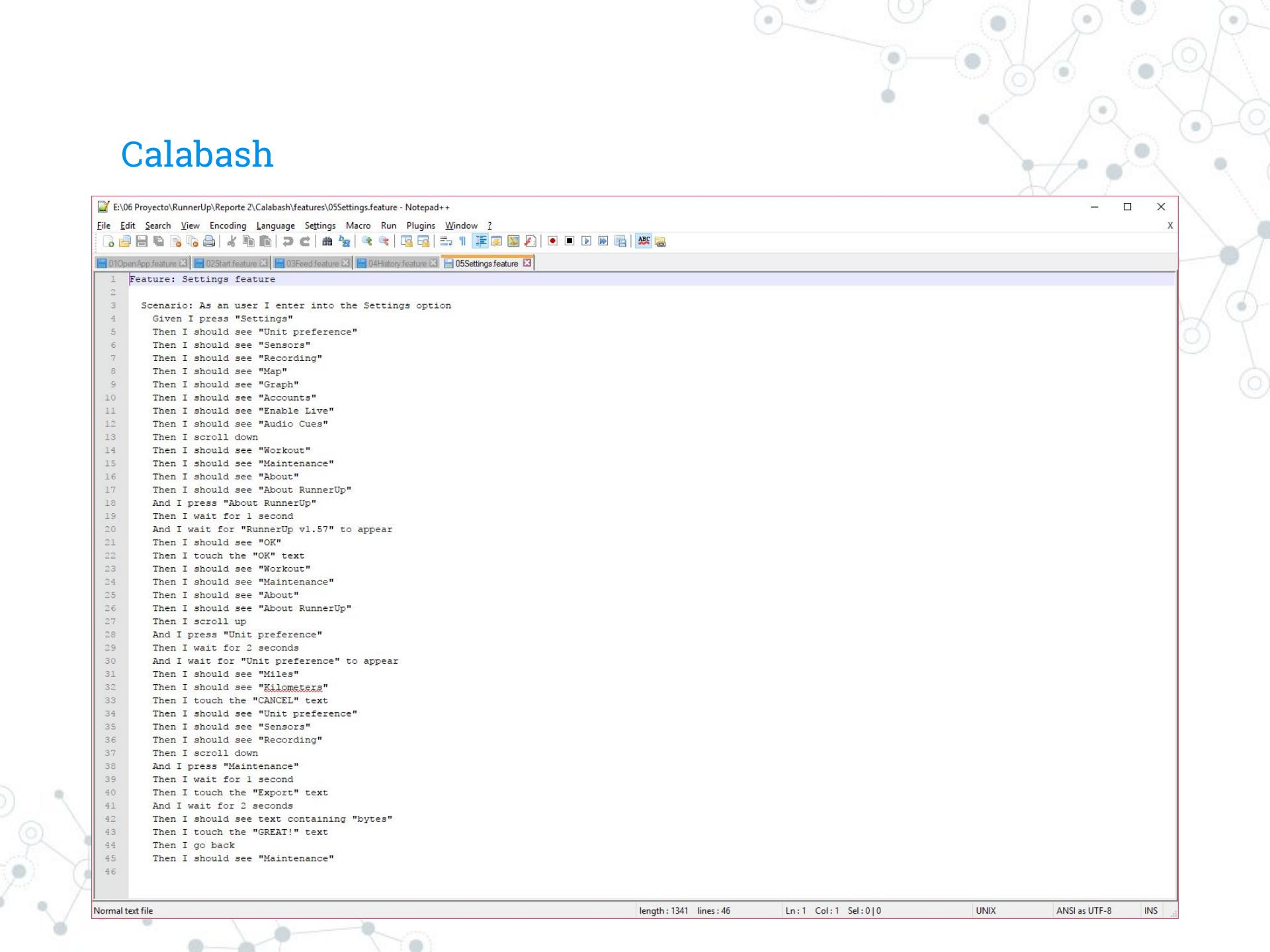
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

01OpenApp.feature 02Start feature 03Feed feature 04History.feature 05Settings.feature

```
1 Feature: History feature
2
3 Scenario: As an user I enter into the History option
4   Given I press "History"
5   Then I should see ""
6
```

length: 128 lines: 6 Ln:1 Col:1 Sel:0|0 UNIX ANSI as UTF-8 INS .

Calabash



E:\06 Proyecto\RunnerUp\Reporte 2\Calabash\features\05Settings.feature - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

01OpenApp.feature | 02Start.feature | 03Feed.feature | 04History.feature | 05Settings.feature

```
1 Feature: Settings feature
2
3 Scenario: As an user I enter into the Settings option
4   Given I press "Settings"
5   Then I should see "Unit preference"
6   Then I should see "Sensors"
7   Then I should see "Recording"
8   Then I should see "Map"
9   Then I should see "Graph"
10  Then I should see "Accounts"
11  Then I should see "Enable Live"
12  Then I should see "Audio Cues"
13  Then I scroll down
14  Then I should see "Workout"
15  Then I should see "Maintenance"
16  Then I should see "About"
17  Then I should see "About RunnerUp"
18  And I press "About RunnerUp"
19  Then I wait for 1 second
20  And I wait for "RunnerUp v1.57" to appear
21  Then I should see "OK"
22  Then I touch the "OK" text
23  Then I should see "Workout"
24  Then I should see "Maintenance"
25  Then I should see "About"
26  Then I should see "About RunnerUp"
27  Then I scroll up
28  And I press "Unit preference"
29  Then I wait for 2 seconds
30  And I wait for "Unit preference" to appear
31  Then I should see "Miles"
32  Then I should see "Kilometres"
33  Then I touch the "CANCEL" text
34  Then I should see "Unit preference"
35  Then I should see "Sensors"
36  Then I should see "Recording"
37  Then I scroll down
38  And I press "Maintenance"
39  Then I wait for 1 second
40  Then I touch the "Export" text
41  And I wait for 2 seconds
42  Then I should see text containing "bytes"
43  Then I touch the "GREAT!" text
44  Then I go back
45  Then I should see "Maintenance"
```

Normal text file

length : 1341 lines : 46

Ln : 1 Col : 1 Sel : 0 | 0

UNIX

ANSI as UTF-8

INS

Firebase

- ◎ Para esta parte se ejecutaron pruebas en la nube con "Firebase Test Lab for Android Robo Test". Robo test analiza la estructura de la UI de la app y después ejecuta acciones sobre la misma.
- ◎ Se ejecutaron dos sets de pruebas, uno fue fallido y otro paso correctamente.

Firebase

The screenshot shows the Firebase Test Lab interface. At the top, there's a navigation bar with the Firebase logo, the project name "AndroidTest", and a dropdown menu. Below the navigation bar, the left sidebar contains links for Overview, Analytics, and various development services like Authentication, Database, Storage, Hosting, Functions, Test Lab (which is currently selected), and Crash Reporting. The main content area is titled "Matrix #826835" and shows a summary of a "Robo test" from two days ago. The summary indicates 1 Failed test, 1 Passed test, 0 Skipped tests, and 0 Inconclusive tests. Below this summary, a table details the test executions:

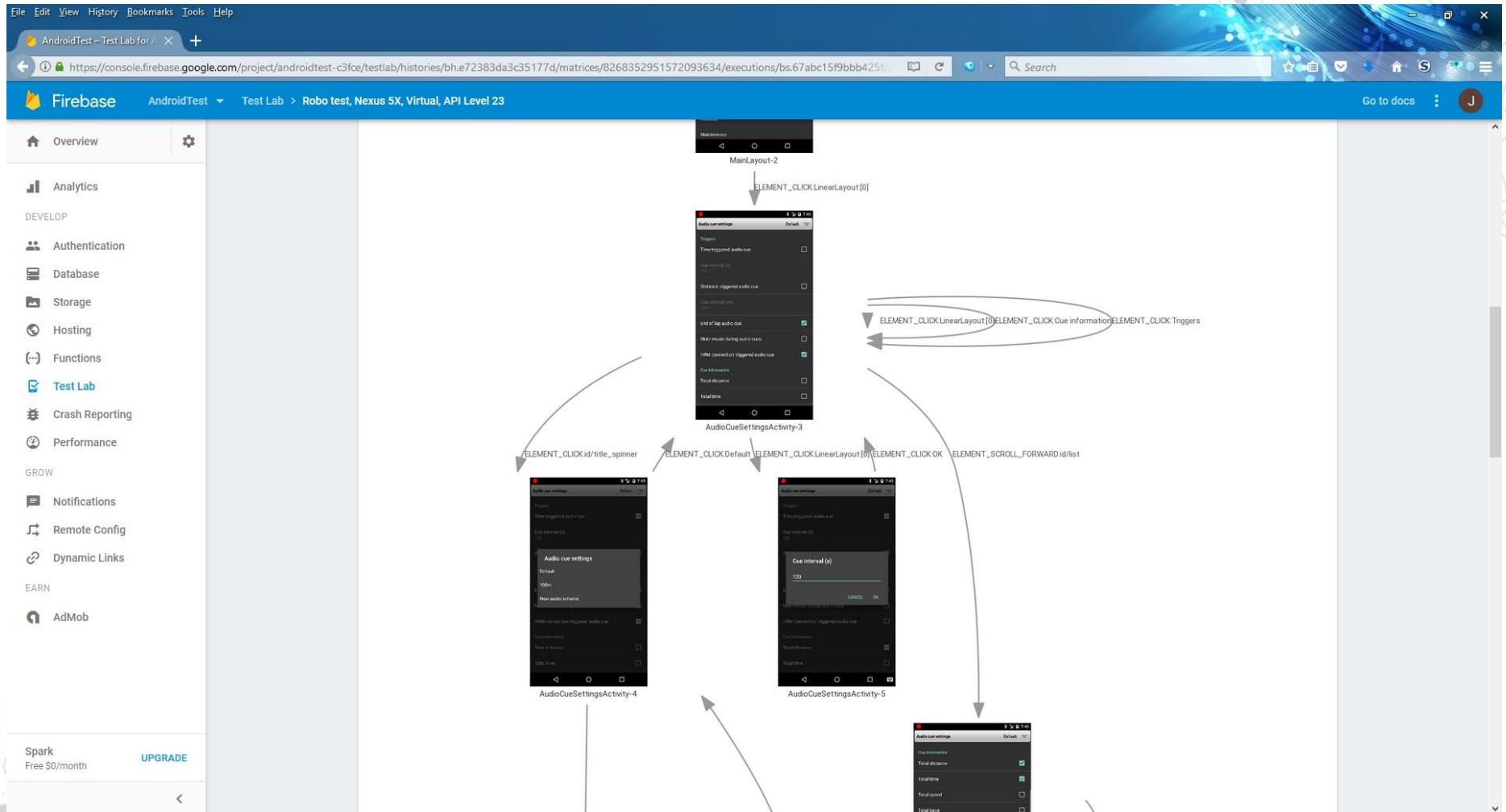
Test execution	Duration	Locale	Orientation	Issues
⚠️ Nexus 5X, Virtual, API Level 23	54 sec	English, United States	Portrait	Crashed
✅ Nexus 5, API Level 23	5 min 12 sec	English, United States	Portrait	—

Firebase

Robo test asigna las siguientes categorías a las ocurrencias:

- D Debug
- E Error
- I Information
- W Warning

Firebase



Firebase

The screenshot shows the Firebase Test Lab interface for an Android application named "AndroidTest". The test was run on a "RunnerUp" device with Matrix #826835, specifically a "Nexus 5X, Virtual, API Level 23". The test failed with the error message "App crashed during testing". The error details indicate a "java.util.MissingFormatArgumentException: Format specifier: d" and a "FATAL EXCEPTION: ControllerMessenger". A red box highlights the line "Process: org.runnerup, PID: 7189". The stack trace shows the exception occurred in the `Formatter.format` method across multiple Java files, including `Formatter.java`, `String.format`, and `TextToSpeech.dispatchOnInit`.

```
java.util.MissingFormatArgumentException: Format specifier: d

FATAL EXCEPTION: ControllerMessenger
Process: org.runnerup, PID: 7189
java.util.MissingFormatArgumentException: Format specifier: d
    at java.util.Formatter.getArgument(Formatter.java:1111)
    at java.util.Formatter.doFormat(Formatter.java:1076)
    at java.util.Formatter.format(Formatter.java:1042)
    at java.util.Formatter.format(Formatter.java:1011)
    at java.lang.String.format(String.java:1554)
    at android.content.res.Resources.getQuantityString(Resources.java:461)
    at org.runnerup.util.Formatter$LocaleResources.getQuantityString(Formatter.java:127)
    at org.runnerup.util.Formatter.cueDistance(Formatter.java:594)
    at org.runnerup.util.Formatter.formatDistance(Formatter.java:562)
    at org.runnerup.util.Formatter.format(Formatter.java:248)
    at org.runnerup.workout.feedback.AudioFeedback.getCue(AudioFeedback.java:115)
    at org.runnerup.workout.feedback.AudioFeedback.emit(AudioFeedback.java:122)
    at org.runnerup.view.AudioCueSettingsActivity$8$1.onInit(AudioCueSettingsActivity.java:409)
    at android.speech.tts.TextToSpeech.dispatchOnInit(TextToSpeech.java:814)
    at android.speech.tts.TextToSpeech.-wrap4(TextToSpeech.java)
    at android.speech.tts.TextToSpeech$Connection$SetupConnectionAsyncTask.onPostExecute(TextToSpeech.java:2174)
    at android.speech.tts.TextToSpeech$Connection$SetupConnectionAsyncTask.onPostExecute(TextToSpeech.java:2168)
    at android.os.AsyncTask.finish(AsyncTask.java:651)
```

Process: org.runnerup, PID: 7189

Firebase

File Edit View History Bookmarks Tools Help

AndroidTest – Test Lab for A X +

https://console.firebaseio.google.com/project/androidtest-c3fce/testlab/histories/bh.e72383da3c35177d/matrices/8268352951572093634/executions/bs.67abc15f9bbb4251/

Search

Firebase AndroidTest Test Lab Robo test, Nexus 5X, Virtual, API Level 23 Go to docs J

Overview Analytics DEVELOPMENT Authentication Database Storage Hosting Functions Test Lab Crash Reporting Performance GROW Notifications Remote Config Dynamic Links EARN AdMob

UPGRADE

Spark Free \$0/month

⚠ App crashed during testing

⚠ Failed 10/11/17, 6:41 PM 54 sec English, United States Portrait

VIEW SOURCE FILES

TEST ISSUES LOGS SCREENSHOTS ACTIVITY MAP VIDEOS PERFORMANCE

1.png

2.png

start feed History Settings

Basic Interval Advanced Manual

Audio cue settings Default

Sport Running

Target None

Target pace 00:05:00

GPS satellites: 0/0 WAITING FOR GPS

Unit preference

Sensors

Recording

Map

Graph

Accounts Configure accounts

Enable Live Note: you need to connect to the account too

Audio cues Configure audio cues

Workout

Maintenance

Firebase



```
E:\06 Proyecto\RunnerUp\Reporte 2\Firebase\Failed\web-build_2017-10-11T23_30_20.021Z_rkiz_Nexus5X-23-en_US-portrait_bugreport.txt - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
... icons ...
web-build_2017-10-11T23_30_20.021Z_rkiz_Nexus5X-23-en_US-portrait_bugreport.txt [x]
34722 10-11 19:43:28.343 1330 1681 I Remoter : Saved screenshot to '/data/screenshots/_pmv_-0125.jpg'
34723 10-11 19:43:28.740 7189 7282 I chatty : uid=10084(qrg.runnerup) expire 2 lines
34724 10-11 19:43:28.793 1719 1719 I chatty : uid=1000 system_server expire 2 lines
34725 10-11 19:43:28.940 1338 1632 I chatty : uid=1000(system) Binder_2 expire 3 lines
34726 10-11 19:43:29.003 1719 1732 I chatty : uid=1000(system) android.bg expire 2 lines
34727 10-11 19:43:29.056 1719 2216 I ActivityManager: Start proc 7298:com.google.android.tts/u0a47 for service com.google.android.tts/.service.GoogleTTSService
34728 10-11 19:43:29.056 7189 7189 I chatty : uid=10084(qrg.runnerup) expire 12 lines
34729 10-11 19:43:29.091 7189 7189 E ActivityThread: Failed to find provider info for com.getpebble.android.provider.basalt
34730 10-11 19:43:29.091 7189 7189 E ActivityThread: Failed to find provider info for com.getpebble.android.provider
34731 10-11 19:43:29.213 7298 7298 W System : ClassLoader referenced unknown path: /system/app/GoogleTTS/lib/x86
34732 10-11 19:43:29.514 1330 1681 I Remoter : Saved screenshot to '/data/screenshots/_pmv_-0126.jpg'
34733 10-11 19:43:29.628 7189 7282 I chatty : uid=10084(qrg.runnerup) expire 2 lines
34734 10-11 19:43:29.642 1719 1738 I chatty : uid=1000(system) android.display expire 1 line
34735 10-11 19:43:29.682 7298 7298 W SettingsHelper: Couldn't read preferred locale from settings.
34736 10-11 19:43:29.693 2050 2050 I Keyboard.Facilitator: onFinishInput()
34737 10-11 19:43:29.643 1719 1719 I chatty : uid=1000 system_server expire 4 lines
34738 10-11 19:43:29.837 1806 1806 W art : Long monitor contention event with owner method=boolean android.os.MessageQueue.enqueueMessage(android.os.Message, long) from MessageQueue
34739 10-11 19:43:29.994 1719 1738 I chatty : uid=1000(system) android.display expire 1 line
34740 10-11 19:43:30.017 1338 1338 I chatty : uid=1000(system) /system/bin/surfaceflinger expire 1 line
< >
Normal text file length: 8783448 lines: 118252 Ln: 34730 Col: 113 Sel: 233 | 2 Dos\Windows ANSI as UTF-8 INS ...
```



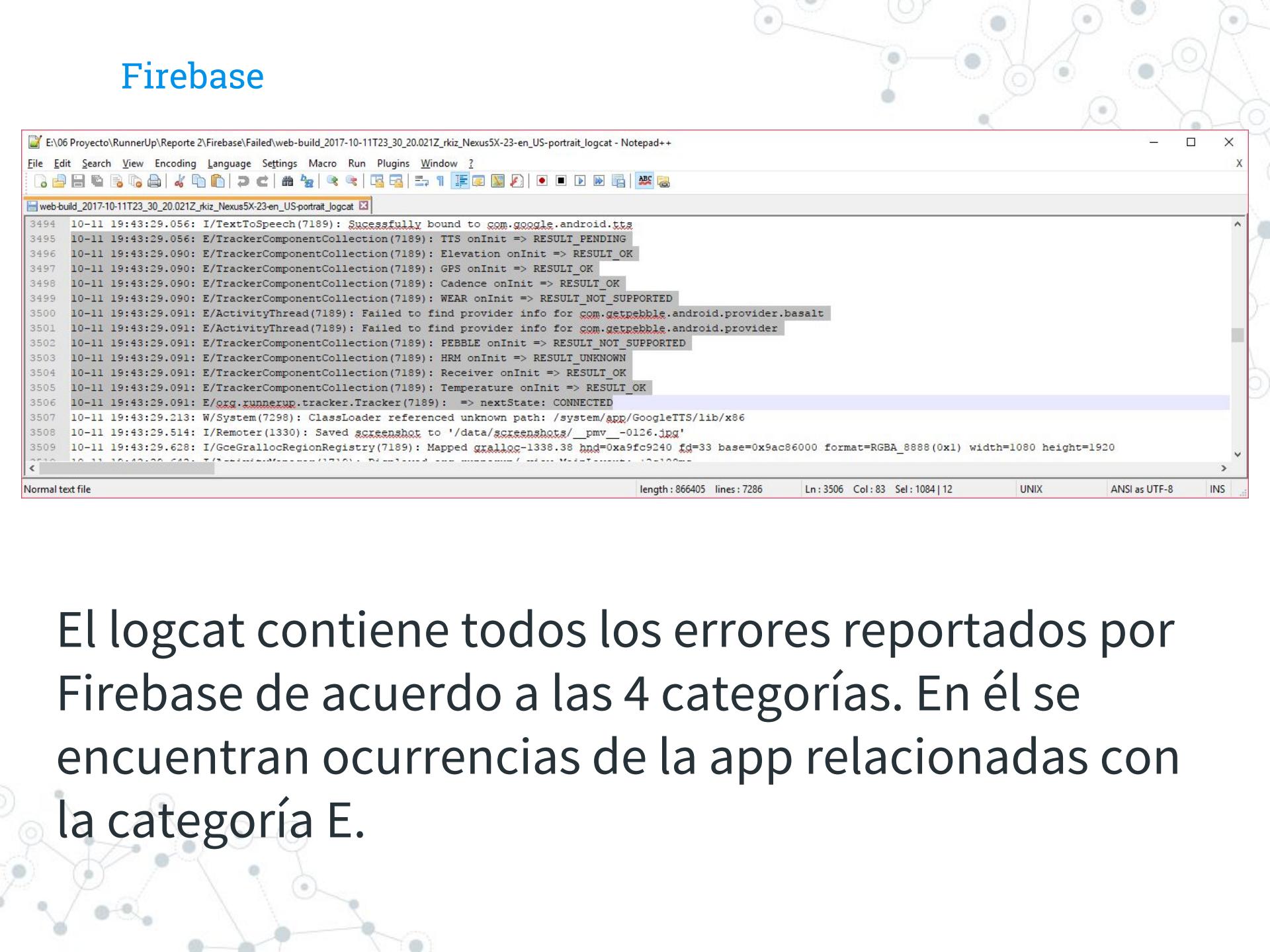
El bugreport contiene todos los errores reportados por Firebase.

PID: 7189

Línea: 34729 Mensaje: 10-11 19:43:29.091 7189 7189 E
ActivityThread: Failed to find provider info for
com.getpebble.android.provider.basalt

Línea: 34730 Mensaje: 10-11 19:43:29.091 7189 7189 E
ActivityThread: Failed to find provider info for
com.getpebble.android.provider

Firebase



E:\06 Proyecto\RunnerUp\Reporte 2\Firebase\Failed\web-build_2017-10-11T23_30_20.021Z_rkiz_Nexus5X-23-en_US-portrait_logcat - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

web-build_2017-10-11T23_30_20.021Z_rkiz_Nexus5X-23-en_US-portrait_logcat

```
3494 10-11 19:43:29.056: I/TextToSpeech(7189): Successfully bound to com.google.android.tts
3495 10-11 19:43:29.056: E/TrackerComponentCollection(7189): TTS onInit => RESULT_PENDING
3496 10-11 19:43:29.090: E/TrackerComponentCollection(7189): Elevation onInit => RESULT_OK
3497 10-11 19:43:29.090: E/TrackerComponentCollection(7189): GPS onInit => RESULT_OK
3498 10-11 19:43:29.090: E/TrackerComponentCollection(7189): Cadence onInit => RESULT_OK
3499 10-11 19:43:29.090: E/TrackerComponentCollection(7189): WEAR onInit => RESULT_NOT_SUPPORTED
3500 10-11 19:43:29.091: E/ActivityThread(7189): Failed to find provider info for com.getpebble.android.provider.basalt
3501 10-11 19:43:29.091: E/ActivityThread(7189): Failed to find provider info for com.getpebble.android.provider
3502 10-11 19:43:29.091: E/TrackerComponentCollection(7189): PEBBLE onInit => RESULT_NOT_SUPPORTED
3503 10-11 19:43:29.091: E/TrackerComponentCollection(7189): HRM onInit => RESULT_UNKNOWN
3504 10-11 19:43:29.091: E/TrackerComponentCollection(7189): Receiver onInit => RESULT_OK
3505 10-11 19:43:29.091: E/TrackerComponentCollection(7189): Temperature onInit => RESULT_OK
3506 10-11 19:43:29.091: E/org.runnerup.tracker.Tracker(7189): => nextState: CONNECTED
3507 10-11 19:43:29.213: W/System(7298): ClassLoader referenced unknown path: /system/app/GoogleTTS/lib/x86
3508 10-11 19:43:29.514: I/Remoter(1330): Saved screenshot to '/data/screenshots/_pmv_-0126.jpg'
3509 10-11 19:43:29.628: I/GceGrallocRegionRegistry(7189): Mapped gralloc-1338.38 hd=0xa9fc9240 fd=33 base=0x9ac86000 format=RGBA_8888(0x1) width=1080 height=1920
3510 10-11 19:43:29.642: T/7298: D/GoogleTTS(7298): [D] GoogleTTS: /system/app/GoogleTTS/lib/x86
```

Normal text file length: 866405 lines: 7286 Ln: 3506 Col: 83 Sel: 1084|12 UNIX ANSI as UTF-8 INS ..

El logcat contiene todos los errores reportados por Firebase de acuerdo a las 4 categorías. En él se encuentran ocurrencias de la app relacionadas con la categoría E.

Firebase

PID: 7189, Líneas 3495 - 3506:

10-11 19:43:29.056:

E/TrackerComponentCollection(7189): TTS onInit =>
RESULT_PENDING

10-11 19:43:29.090:

E/TrackerComponentCollection(7189): WEAR onInit
=> RESULT_NOT_SUPPORTED

10-11 19:43:29.091: E/ActivityThread(7189): Failed to
find provider info for
com.getpebble.android.provider.basalt

Ejecución Exitosa:

Para esta ejecución básicamente se ejecutan los mismos procesos que para la ejecución fallida, sin embargo, la ejecución de las pruebas pasa correctamente.

Se analiza el logcat, sin embargo, cabe anotar que las ocurrencias de Errores no están relacionadas con la app.

Se encuentran ocurrencias para la app de acuerdo a las categorías I, D y W.



3.

App web Prestashop

An open source E-Commerce.



“

Pruebas Realizadas en este Sprint:

- ◎ Webdriverlo,
- ◎ Gherkin.

Gherkin

Se definió la estrategia de pruebas automáticas dando énfasis a los escenarios de Gestión de usuarios y Gestión de productos.

WebdriverIO

Se utilizó como herramienta de automatización WebdriverIO.

Prestashop



A screenshot of a web browser showing the Prestashop 1.7.2.2 admin login page. The URL in the address bar is `127.0.0.1/prestashop/admin118ayhwz0/index.php?controller=AdminLogin&token=d48c4cf10fc9f502ab894b67cc7b84ce`. A yellow status bar at the bottom of the browser window indicates: "Un software de prueba automatizado está controlando Chrome."

The main content shows the Prestashop logo and the text "Prestashop". Below it is a form with fields for "Dirección de correo electrónico" containing "wrongmail@gmail.com" and "Contraseña" containing ".....". A large blue button labeled "INICIAR SESIÓN" is at the bottom. At the bottom left is a checkbox for "Mantener sesión activa", and at the bottom right is a link "He olvidado mi contraseña".

Prestashop

Un software de prueba automatizado está controlando Chrome.

PrestaShop

1.7.2.2

A Hay un error.
1. El empleado no existe o la contraseña introducida es incorrecta.



Prestashop

Dirección de correo electrónico

Contraseña

INICIAR SESIÓN

Mantener sesión activa

[He olvidado mi contraseña](#)

Prestashop



Inicio • Prestashop

127.0.0.1/prestashop/admin118ayhw2o/index.php?controller=AdminDashboard&token=52b7e38d303e7a9ce8857be7cb400956

Un software de prueba automatizado está controlando Chrome.

PrestaShop

Acceso rápido ▾ Q Buscar

Prestashop

Notificaciones 1 Mensajes 3 Perfil

Modo demo Ayuda

Inicio

VENTAS

- Pedidos
- Catálogo
- Clients
- Servicio al Cliente
- Estadísticas

MEJORAS

- Módulos
- Diseño
- Transporte
- Pago
- Internacional

CONFIGURAR

- Parámetros de la tienda
- Parámetros Avanzados

Inicio

Clients Mes-1 Año-1 Desde 2017-08-09 A 2017-09-09

RESUMEN DE ACTIVIDADES

Visitantes en línea 0 en los últimos 30 minutos

Carritos de compra activos 0 en los últimos 30 minutos

Pendientes actualmente

Pedidos	Devoluciones/Cambios	Carritos abandonados	Productos fuera de stock
0	0	0	2

INICIO

Ventas	Pedidos	Valor del carrito	Visitas	Tasa de conversión	Beneficio neto
0,00 COP	0	0,00 COP	1	0%	0,00 COP

Ventas

NOTICIAS PRESTASHOP

¿Cómo atraer clientes gratis a la descripción de productos de mi eCommerce? 12/10/2017 El sector del eCommerce sigue a día de hoy creciendo a pasos agigantados, dentro del mundo de los negocios online. Leer más

Guía sobre cómo planificar vacaciones en negocios minoristas 11/10/2017

Esperando 127.0.0.1...

Prestashop



Administración de clientes

127.0.0.1/prestashop/admin118ayhw2o/index.php?controller=AdminCustomers&token=f075fa247ab69a57e73aef7c7f47d4dd

Un software de prueba automatizado está controlando Chrome.

PrestaShop

Acceso rápido ▾ Buscar

Clients

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- Parámetros de la tienda
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Prestashop

Administración de clientes

Añadir nuevo cliente Módulos y Servicios recomendados Ayuda

Clientes TODO EL TIEMPO Ningún cliente

Media de edad TODO EL TIEMPO 0 años

Pedidos por cliente TODO EL TIEMPO

Inscripciones al boletín de noticias TODO EL TIEMPO

Truco Mejorar la fidelidad un 5 % aumenta los beneficios en un 25-55 %. Fideliza a tus clientes con campañas de email y SMS eficaces LEER

ADMINISTRACIÓN DE CLIENTES 1

ID	Tratamiento	Nombre	Apellidos	Dirección de correo electrónico	Ventas	Activado	Boletín	Ofertas de asociados	Fecha de registro	Última visita	Modificar
7	-	Carlos	Portella	cportela@uniandes.edu.co	-	✓	✗	✗	18/10/2017	-	Modificar

Establecer los campos requeridos para esta sección

Prestashop



Administración de clientes X

127.0.0.1/prestashop/admin118ayhw2o/index.php?controller=AdminCustomers&token=f075fa247ab69a57e73aef7c7f47d4dd

Un software de prueba automatizado está controlando Chrome.

PrestaShop

Acceso rápido ▾ Q ▾ Buscar

Prestashop ! 3 !

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Ciencia Científica

TODO EL TIEMPO Ningún cliente

Media de edad TODO EL TIEMPO 0 años

Pedidos por cliente TODO EL TIEMPO

Inscripciones al boletín de noticias TODO EL TIEMPO

Truco Mejorar la fidelidad un 5 % aumenta los beneficios en un 25-55 %. Fideliza a tus clientes con campañas de email y SMS eficaces LEER

ADMINISTRACIÓN DE CLIENTES 1

ID	Tratamiento	Nombre	Apellidos	Dirección de correo electrónico	Ventas	Activado	Boletín	Ofertas de asociados	Fecha de registro	Última visita
7	-	Carlos	Portella	cportela@uniandes.edu.co	-	✓	X	X	18/10/2017	-

Establecer los campos requeridos para esta sección

Prestashop



Administración de clientes X

127.0.0.1/prestashop/admin118ayhw2o/index.php?controller=AdminCustomers&token=f075fa247ab69a57e73aef7c7f47d4dd

Un software de prueba automatizado está controlando Chrome.

PrestaShop Acceso rápido Q Buscar Prestashop Módulos y Servicios recomendados Ayuda

Inicio VENTAS Clientes Administración de clientes

Ciudadanos

3 errores

- El campo firstname es requerido.
- El campo email es requerido.
- La contraseña no puede estar vacía.

CLIENTE

Tratamiento: Sr. Sra.

* Nombre:

* Apellidos: Torres

* Dirección de correo electrónico:

* Contraseña: Qwerty

Fecha de nacimiento: - -

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☰

Prestashop



Administración de clientes X

127.0.0.1/prestashop/admin118ayhw2o/index.php?controller=AdminCustomers&token=f075fa247ab69a57e73aef7c7f47d4dd

Un software de prueba automatizado está controlando Chrome.

PrestaShop Acceso rápido Buscar Prestashop

Ciudades Clientes

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Administración de clientes

2 errores

1. El campo email es requerido.
2. La contraseña no puede estar vacía.

CLIENTE

Tratamiento: Sr. Sra.

* Nombre: Camilo

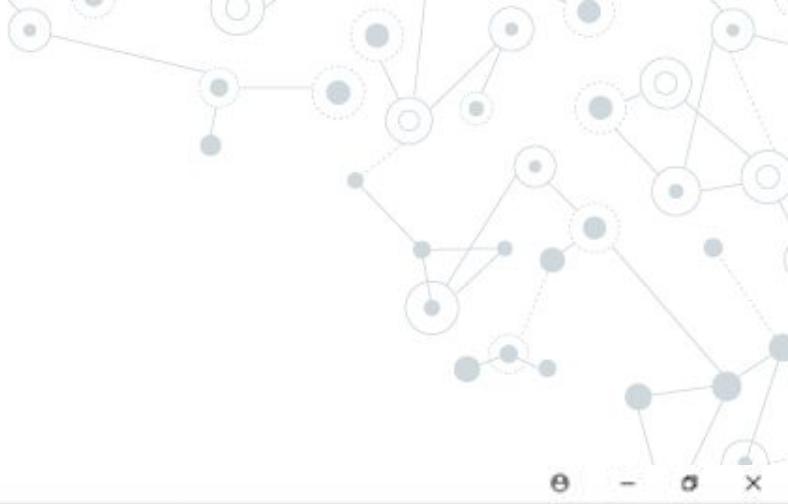
* Apellidos: Torres

* Dirección de correo electrónico:

* Contraseña:

Fecha de nacimiento:

Prestashop



Administración de cliente X

127.0.0.1/prestashop/admin118ayhw2o/index.php?controller=AdminCustomers&id_customer=8&conf=3&token=f075fa247ab69a57e73aef7c7f47d4dd

Un software de prueba automatizado está controlando Chrome.

Prestashop

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Añadir nuevo cliente Módulos y Servicios recomendados Ayuda

Creado correcta.

Clients TODO EL TIEMPO Media de edad TODO EL TIEMPO Pedidos por cliente TODO EL TIEMPO Inscripciones al boletín de noticias TODO EL TIEMPO

ADMINISTRACIÓN DE CLIENTES 2

ID	Tratamiento	Nombre	Apellidos	Dirección de correo electrónico	Ventas	Activado	Boletín	Ofertas de asociados	Fecha de registro
8	Sr.	Camilo	Torres	camilotorres@unlandes.edu.co	-	✓	✗	✗	18/10/2011
7	-	Carlos	Portella	cportella@unlandes.edu.co	--	✓	✗	✗	18/10/2011

Prestashop



Clients > Crear un nuevo cliente

127.0.0.1/prestashop/admin118ayhw2o/index.php?controller=AdminCustomers&addcustomer&token=f075fa247ab69a57e73ae7c7f147d4dd

Un software de prueba automatizado está controlando Chrome.

PrestaShop

Acceso rápido ▾ Buscar

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Notificaciones (1)

Módulos y Servicios recomendados

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Crear un nuevo Cliente

CLIENTE

Tratamiento: Sr. Sra.

* Nombre: Camilo

* Apellidos: Torres

* Dirección de correo electrónico: camillotorres@unlandes.edu.co

* Contraseña:

Fecha de nacimiento: 20 Febrero

Activado: SI NO

Ofertas de asociados: SI NO

Prestashop



Administración de clientes X

127.0.0.1/prestashop/admin118ayhw2o/index.php?controller=AdminCustomers&token=f075fa247ab69a57e73aeff7c7f47d4dd

Un software de prueba automatizado está controlando Chrome.

PrestaShop Acceso rápido Buscar Prestashop Módulos y Servicios recomendados Ayuda

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Administración de clientes

Ya existe una cuenta con esta dirección de correo electrónico: camilotorres@uniandes.edu.co

CLIENTE

Tratamiento Sr. Sra.

* Nombre Camilo

* Apellidos Torres

* Dirección de correo electrónico camilotorres@uniandes.edu.co

* Contraseña

Fecha de nacimiento

Activado Sí No

Esperando 127.0.0.1...

Prestashop



127.0.0.1/prestashop/admin ...
127.0.0.1/prestashop/admin118ayhw2o/index.php?controller=AdminDashboard&token=52b7e38d303e7a9ce8857be7cb400956

Un software de prueba automatizado está controlando Chrome.

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Administración de clientes

Añadir nuevo cliente Módulos y Servicios recomendados Ayuda

Clients TODO EL TIEMPO 100% Clientes

Media de edad TODO EL TIEMPO 11 años

Pedidos por cliente TODO EL TIEMPO 0

Inscripciones al boletín de noticias TODO EL TIEMPO 0

Truco Mejorar la fidelidad un 5 % aumenta los beneficios en un 25-55 %: fideliza a tus clientes con campañas de email y SMS eficaces LEER

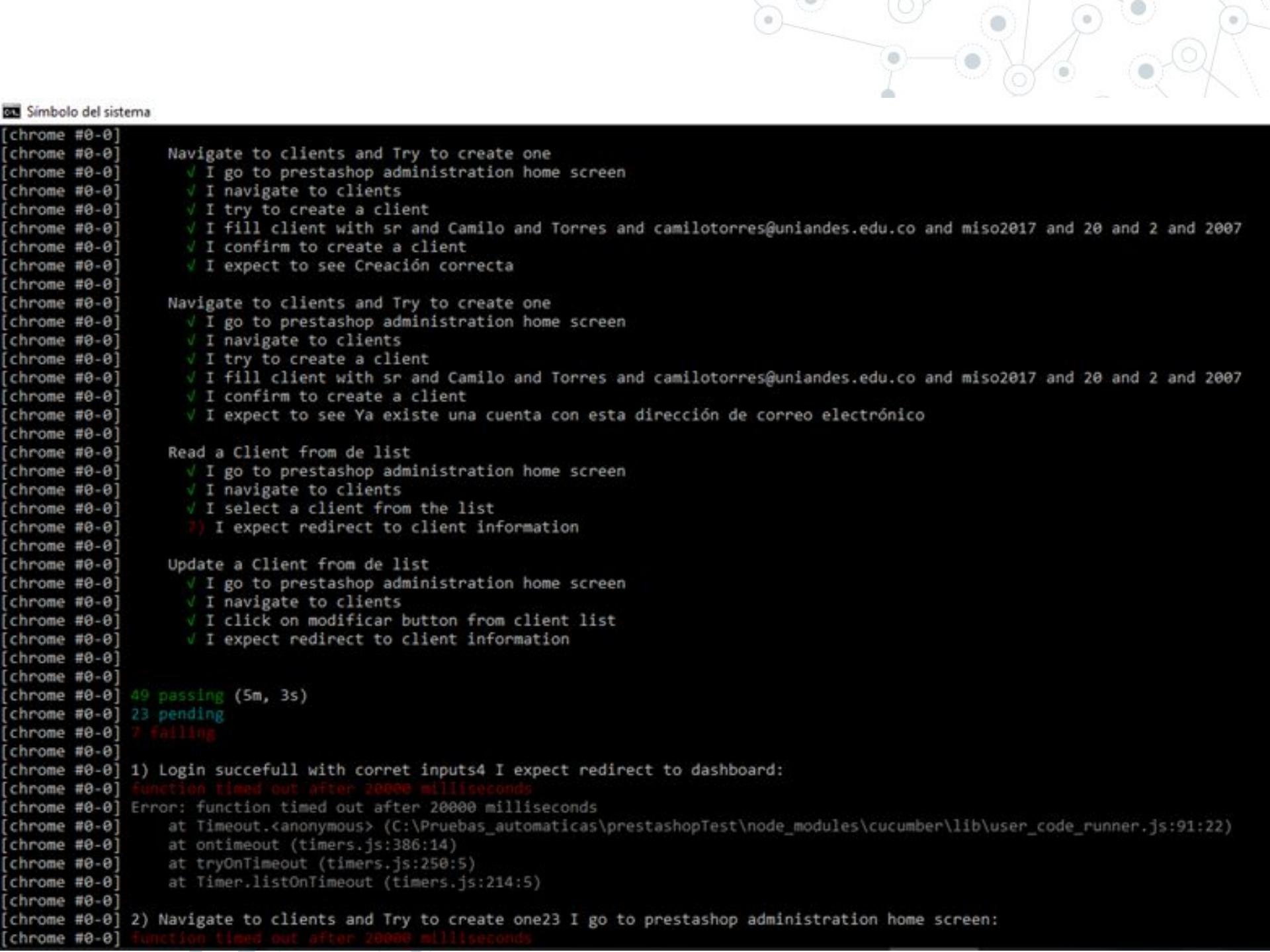
ADMINISTRACIÓN DE CLIENTES 2

ID	Tratamiento	Nombre	Apellidos	Dirección de correo electrónico	Ventas	Activado	Boletín	Ofertas de asociados	Fecha de registro
8	Sr.	Camilo	Torres	camilotorres@uniandes.edu.co	...	✓	✗	✗	18/10/2011
7	—	Carlos	Portella	cportella@uniandes.edu.co	...	✓	✗	✗	18/10/2011

Símbolo del sistema

```
[chrome #0-0] Session ID: 74cd1d9d70598fcfc64121d7d0cd3e18
[chrome #0-0] Spec: C:\PruebasAutomaticas\prestashopTest\features\client.feature
[chrome #0-0] Running: chrome
[chrome #0-0]
[chrome #0-0] Client Administration
[chrome #0-0]
[chrome #0-0]     Login succefull with corret inputs
[chrome #0-0]         ✓ I go to prestashop administration home screen
[chrome #0-0]         ✓ I open the login screen
[chrome #0-0]         ✓ I fill login with davidernestopaniagua@gmail.com and Asdf1234
[chrome #0-0]         ✓ I try to login
[chrome #0-0]             1) I expect redirect to dashboard
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]     2) I go to prestashop administration home screen
[chrome #0-0]         - I navigate to clients
[chrome #0-0]         - I try to create a client
[chrome #0-0]         - I fill client with and and and and and and
[chrome #0-0]         - I confirm to create a client
[chrome #0-0]         - I expect to see 4 errores
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]     3) I go to prestashop administration home screen
[chrome #0-0]         - I navigate to clients
[chrome #0-0]         - I try to create a client
[chrome #0-0]         - I fill client with sr and and and and and and
[chrome #0-0]         - I confirm to create a client
[chrome #0-0]         - I expect to see 4 errores
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]     4) I go to prestashop administration home screen
[chrome #0-0]         - I navigate to clients
[chrome #0-0]         - I try to create a client
[chrome #0-0]         - I fill client with and Camilo and and and and and
[chrome #0-0]         - I confirm to create a client
[chrome #0-0]         - I expect to see 3 errores
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]     ✓ I go to prestashop administration home screen
[chrome #0-0]     5) I navigate to clients
[chrome #0-0]         - I try to create a client
[chrome #0-0]         - I fill client with sr and Camilo and and and and and
[chrome #0-0]         - I confirm to create a client
[chrome #0-0]         - I expect to see 3 errores
```

```
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I try to create a client
[chrome #0-0]   ✓ I fill client with and and Torres and and and and
[chrome #0-0]   ✓ I confirm to create a client
[chrome #0-0]   ✓ I expect to see 3 errores
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I try to create a client
[chrome #0-0]   ✓ I fill client with and Camilo and Torres and and and and
[chrome #0-0]   ✓ I confirm to create a client
[chrome #0-0]   ✓ I expect to see 2 errores
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I try to create a client
[chrome #0-0]   ✓ I fill client with sr and Camilo and Torres and and and and
[chrome #0-0]   ✓ I confirm to create a client
[chrome #0-0]   ✓ I expect to see 2 errores
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I try to create a client
[chrome #0-0]   ✓ I fill client with and and and camilotorres@uniandes.edu.co and and and and
[chrome #0-0]   ✓ I confirm to create a client
[chrome #0-0]   ✓ I expect to see 3 errores
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ⑥) I navigate to clients
[chrome #0-0]     - I try to create a client
[chrome #0-0]     - I fill client with sr and Camilo and Torres and camilotorres@uniandes.edu.co and and and and
[chrome #0-0]     - I confirm to create a client
[chrome #0-0]     - I expect to see La contraseña no puede estar vacía
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I try to create a client
```





```
[chrome #0-0] 1) Login succefull with corret inputs4 I expect redirect to dashboard:
[chrome #0-0] function timed out after 20000 milliseconds
[chrome #0-0] Error: function timed out after 20000 milliseconds
[chrome #0-0]   at Timeout.<anonymous> (C:\Pruebas_automaticas\prestashopTest\node_modules\cucumber\lib\user_code_runner.js:91:22)
[chrome #0-0]   at ontimeout (timers.js:386:14)
[chrome #0-0]   at tryOnTimeout (timers.js:250:5)
[chrome #0-0]   at Timer.listOnTimeout (timers.js:214:5)
[chrome #0-0]
[chrome #0-0] 2) Navigate to clients and Try to create one23 I go to prestashop administration home screen:
[chrome #0-0] function timed out after 20000 milliseconds
[chrome #0-0] Error: function timed out after 20000 milliseconds
[chrome #0-0]   at Timeout.<anonymous> (C:\Pruebas_automaticas\prestashopTest\node_modules\cucumber\lib\user_code_runner.js:91:22)
[chrome #0-0]   at ontimeout (timers.js:386:14)
[chrome #0-0]   at tryOnTimeout (timers.js:250:5)
[chrome #0-0]   at Timer.listOnTimeout (timers.js:214:5)
[chrome #0-0]
[chrome #0-0] 3) Navigate to clients and Try to create one26 I navigate to clients:
[chrome #0-0] static element reference: element is not attached to the page document
[chrome #0-0] Error: An element command failed because the referenced element is no longer attached to the DOM.
[chrome #0-0]   at Object.wait (C:\Pruebas_automaticas\prestashopTest\node_modules\fibers\future.js:449:15)
[chrome #0-0]   at Object.click (C:\Pruebas_automaticas\prestashopTest\node_modules\wdio-sync\build\index.js:353:27)
[chrome #0-0]   at World.When (C:\Pruebas_automaticas\prestashopTest\features\step-definitions\index.js:83:19)
[chrome #0-0]   at C:\Pruebas_automaticas\prestashopTest\node_modules\wdio-sync\build\index.js:594:26
[chrome #0-0]   at Promise.F (C:\Pruebas_automaticas\prestashopTest\node_modules\core-js\library\modules\_export.js:35:28)
[chrome #0-0]   at World.executeSync (C:\Pruebas_automaticas\prestashopTest\node_modules\wdio-sync\build\index.js:592:12)
[chrome #0-0]   at C:\Pruebas_automaticas\prestashopTest\node_modules\wdio-sync\build\index.js:214:29
[chrome #0-0]   at element("#subtab-AdminParentCustomer") - C:\Pruebas_automaticas\prestashopTest\node_modules\webdriverio\build\lib\commands\click.js:12:17
[chrome #0-0]   at click("#subtab-AdminParentCustomer") - C:\Pruebas_automaticas\prestashopTest\node_modules\webdriverio\build\lib\helpers\errorHandler.js:112:39
[chrome #0-0]
[chrome #0-0] 4) Navigate to clients and Try to create one31 I navigate to clients:
[chrome #0-0] function timed out after 20000 milliseconds
[chrome #0-0] Error: function timed out after 20000 milliseconds
[chrome #0-0]   at Timeout.<anonymous> (C:\Pruebas_automaticas\prestashopTest\node_modules\cucumber\lib\user_code_runner.js:91:22)
[chrome #0-0]   at ontimeout (timers.js:386:14)
[chrome #0-0]   at tryOnTimeout (timers.js:250:5)
[chrome #0-0]   at Timer.listOnTimeout (timers.js:214:5)
[chrome #0-0]
[chrome #0-0] 5) Read a Client from de list35 I expect redirect to client information:
[chrome #0-0] expected 'Administración de clientes' to include 'Información sobre cliente'
[chrome #0-0] AssertionError: expected 'Administración de clientes' to include 'Información sobre cliente'
[chrome #0-0]   at World.When (C:\Pruebas_automaticas\prestashopTest\features\step-definitions\index.js:116:23)
[chrome #0-0]   at C:\Pruebas_automaticas\prestashopTest\node_modules\wdio-sync\build\index.js:594:26
[chrome #0-0]   at Promise.F (C:\Pruebas_automaticas\prestashopTest\node_modules\core-js\library\modules\_export.js:35:28)
```

Prestashop

Clients > Crear un nuevo cliente

Un software de prueba automatizado está controlando Chrome.

127.0.0.1/prestashop/admin118ayhw2o/index.php?controller=AdminCustomers&addcustomer&token=f075fa247ab69a57e73aef7c7f47d4dd

Prestashop

Acceso rápido ▾ Buscar

Creador de sitios Clientes

Crear un nuevo Cliente

Módulos y servicios recomendados Ayuda

Dirección de correo electrónico: camilotorres@unlandes.edu.co

Contraseña:

Fecha de nacimiento: 31 Febrero 2007

Activado: SI

Ofertas de asociados: SI

Acceso de grupo:

ID	Nombre del grupo
1	Visitante
2	Invitado
3	Cliente

Grupo de clientes predeterminado: Cliente

Cancelar Guardar



Prestashop



Administración de clientes X

127.0.0.1/prestashop/admin118ayhw2o/index.php?controller=AdminCustomers&id_customer=9&conf=3&token=f075fa247ab69a57e73aef7c7f47d4dd

Un software de prueba automatizado está controlando Chrome.

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Añadir nuevo cliente Módulos y Servicios recomendados Ayuda

Creadión correcta.

Clients TODO EL TIEMPO

Media de edad TODO EL TIEMPO

Pedidos por cliente TODO EL TIEMPO

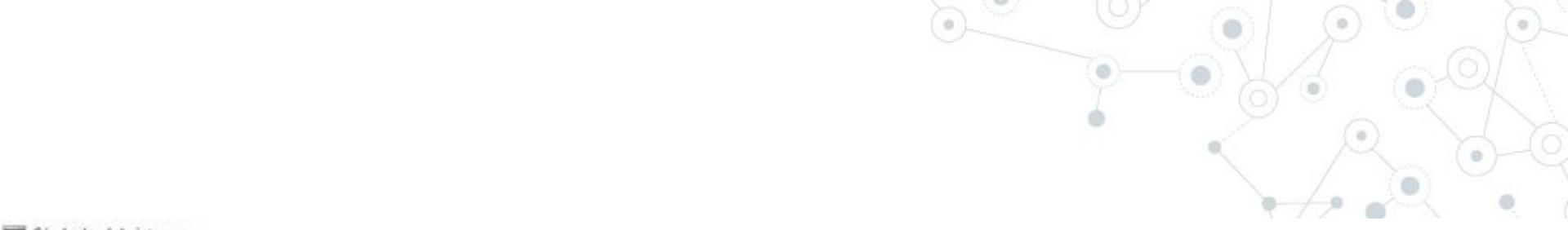
Inscripciones al boletín de noticias TODO EL TIEMPO

ADMINISTRACIÓN DE CLIENTES 2

ID	Tratamiento	Nombre	Apellidos	Dirección de correo electrónico	Ventas	Activado	Boletín	Ofertas de asociados	Fecha de registro
9	Sr.	Camilo	Torres	camilotorres@unlandes.edu.co		✓	✗	✗	18/10/201
7	—	Carlos	Portella	cportela@unlandes.edu.co		✓	✗	✗	18/10/201

```
[chrome #0-0] Session ID: f3307b91f176fe0ed8ca6d7fc868a8e2
[chrome #0-0] Spec: C:\PruebasAutomaticas\prestashopTest\features\client.feature
[chrome #0-0] Running: chrome
[chrome #0-0]
[chrome #0-0] Client Administration
[chrome #0-0]
[chrome #0-0]   Login succefull with corret inputs
[chrome #0-0]     ✓ I go to prestashop administration home screen
[chrome #0-0]     ✓ I open the login screen
[chrome #0-0]     ✓ I fill login with davidernestopaniagua@gmail.com and Asdf1234
[chrome #0-0]     ✓ I try to login
[chrome #0-0]     ✓ I expect redirect to dashboard
[chrome #0-0]
[chrome #0-0]   Navigate to clients and Try to create one
[chrome #0-0]     ✓ I go to prestashop administration home screen
[chrome #0-0]     ✓ I navigate to clients
[chrome #0-0]     ✓ I try to create a client
[chrome #0-0]     ✓ I fill client with and and and and and and and
[chrome #0-0]     ✓ I confirm to create a client
[chrome #0-0]     ✓ I expect to see 4 errores
[chrome #0-0]
[chrome #0-0]   Navigate to clients and Try to create one
[chrome #0-0]     ✓ I go to prestashop administration home screen
[chrome #0-0]     ✓ I navigate to clients
[chrome #0-0]     ✓ I try to create a client
[chrome #0-0]     ✓ I fill client with sr and and and and and and
[chrome #0-0]     ✓ I confirm to create a client
[chrome #0-0]     ✓ I expect to see 4 errores
[chrome #0-0]
[chrome #0-0]   Navigate to clients and Try to create one
[chrome #0-0]     ✓ I go to prestashop administration home screen
[chrome #0-0]     ✓ I navigate to clients
[chrome #0-0]     ✓ I try to create a client
[chrome #0-0]     ✓ I fill client with and Camilo and and and and and
[chrome #0-0]     ✓ I confirm to create a client
[chrome #0-0]     ✓ I expect to see 3 errores
[chrome #0-0]
[chrome #0-0]   Navigate to clients and Try to create one
[chrome #0-0]     ✓ I go to prestashop administration home screen
[chrome #0-0]     ✓ I navigate to clients
[chrome #0-0]     ✓ I try to create a client
[chrome #0-0]     ✓ I fill client with sr and Camilo and and and and and
[chrome #0-0]     ✓ I confirm to create a client
```

```
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I try to create a client
[chrome #0-0]   ✓ I fill client with and and Torres and and and and and
[chrome #0-0]   ✓ I confirm to create a client
[chrome #0-0]   ✓ I expect to see 3 errores
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I try to create a client
[chrome #0-0]   ✓ I fill client with and Camilo and Torres and and and and
[chrome #0-0]   ✓ I confirm to create a client
[chrome #0-0]   ✓ I expect to see 2 errores
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I try to create a client
[chrome #0-0]   ✓ I fill client with sr and Camilo and Torres and and and and
[chrome #0-0]   ✓ I confirm to create a client
[chrome #0-0]   ✓ I expect to see 2 errores
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I try to create a client
[chrome #0-0]   ✓ I fill client with and and and camilotorres@uniandes.edu.co and and and
[chrome #0-0]   ✓ I confirm to create a client
[chrome #0-0]   ✓ I expect to see 3 errores
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I try to create a client
[chrome #0-0]   ✓ I fill client with sr and Camilo and Torres and camilotorres@uniandes.edu.co and and and
[chrome #0-0]   ✓ I confirm to create a client
[chrome #0-0]   ✓ I expect to see La contraseña no puede estar vacía
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
```



■ Símbolo del sistema

```
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I try to create a client
[chrome #0-0]   ✓ I fill client with sr and Camilo and Torres and camilotorres@uniandes.edu.co and and and and
[chrome #0-0]   ✓ I confirm to create a client
[chrome #0-0]   ✓ I expect to see La contraseña no puede estar vacía
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I try to create a client
[chrome #0-0]   ✓ I fill client with sr and Camilo and Torres and camilotorres@uniandes.edu.co and miso2017 and 31 and 2 and 2007
[chrome #0-0]   ✓ I confirm to create a client
[chrome #0-0]   ✓ I expect to see Creación correcta
[chrome #0-0]
[chrome #0-0] Navigate to clients and Try to create one
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I try to create a client
[chrome #0-0]   ✓ I fill client with sr and Camilo and Torres and camilotorres@uniandes.edu.co and miso2017 and 20 and 2 and 2007
[chrome #0-0]   ✓ I confirm to create a client
[chrome #0-0]   ✓ I expect to see Ya existe una cuenta con esta dirección de correo electrónico
[chrome #0-0]
[chrome #0-0] Read a Client from de list
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I select a client from the list
[chrome #0-0]   ⓘ I expect redirect to client information
[chrome #0-0]
[chrome #0-0] Update a Client from de list
[chrome #0-0]   ✓ I go to prestashop administration home screen
[chrome #0-0]   ✓ I navigate to clients
[chrome #0-0]   ✓ I click on modificar button from client list
[chrome #0-0]   ✓ I expect redirect to client information
[chrome #0-0]
[chrome #0-0]
[chrome #0-0] 78 passing (4m, 22s)
[chrome #0-0] 1 Failing
[chrome #0-0]
```



Gracias!