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# Pruebas Automáticas

Informe de incidentes  
Juan Gaviria - Mauricio Montaña

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# Objetivos

- Instalar todas las aplicaciones de manera local
- comprobar las aplicaciones son suficientes para los escenarios de pruebas
- Hacer pruebas manuales exploratorias del sistemas en la app web

## **PRESUPUESTOS**

- 2 Recursos asignados
- 9 horas por recurso por semana
- 24/7 recurso de máquina

# Aplicaciones

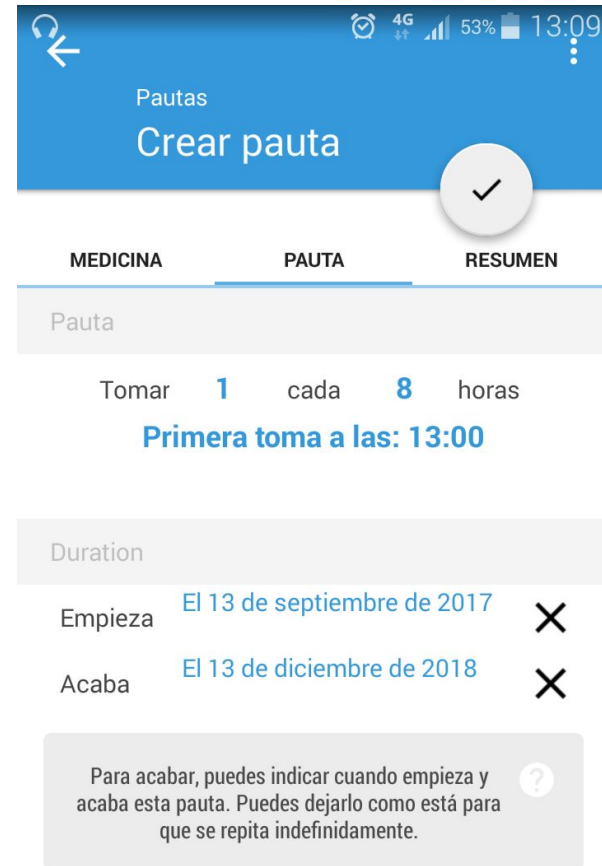
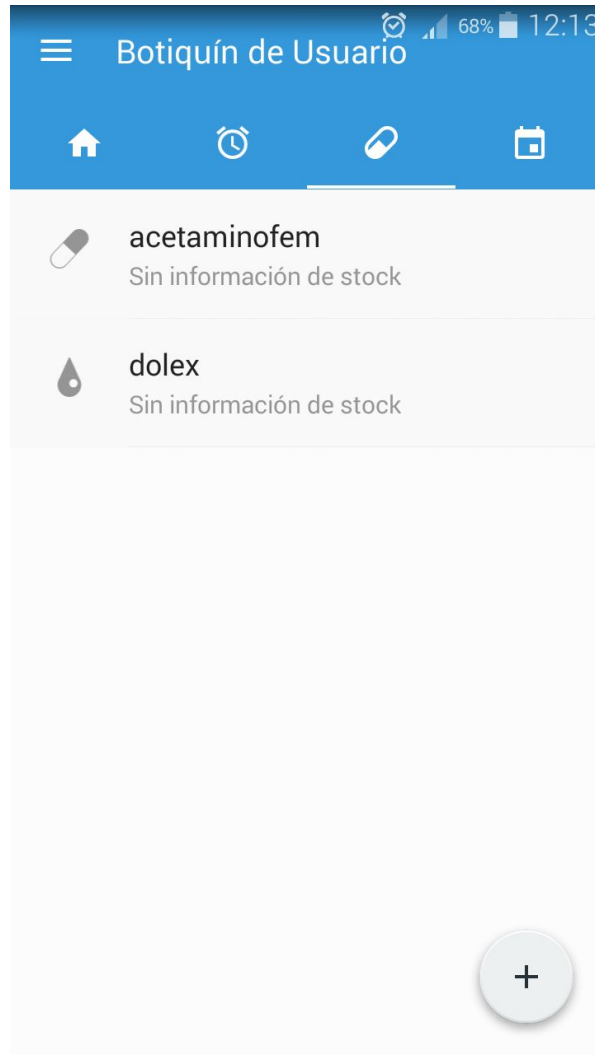
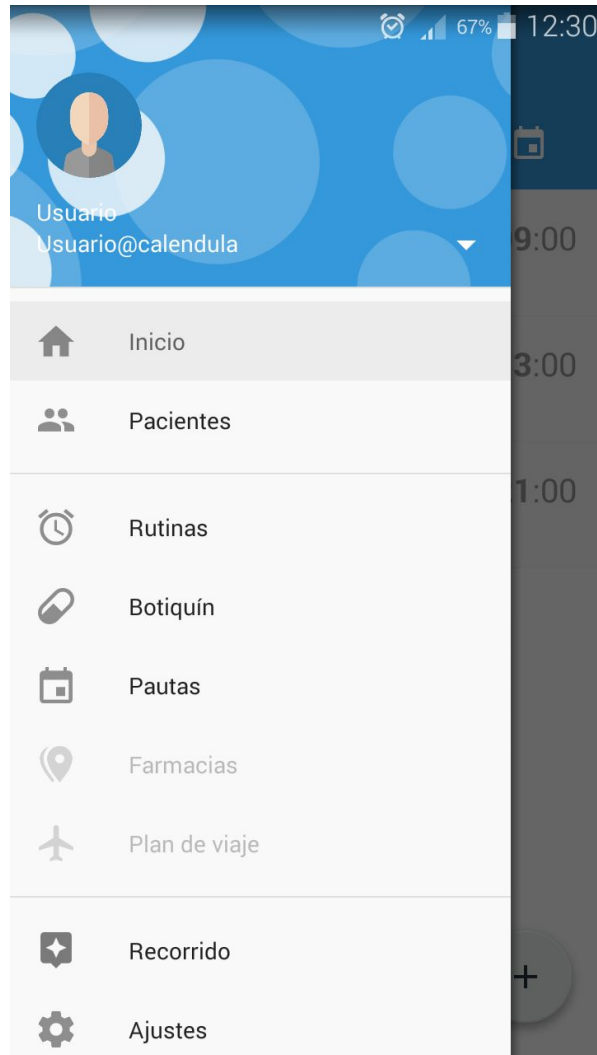
## Web

- Emma Labs - Gestión de procesos e insumos para laboratorios científicos
  - Django + Python 2.7
  - PostgresSql
  - Bootstrap responsive
  - Despliegue productivo en heroku

## Android

- Calendula
  - Gestion de medicamentos y habitos de comidas
- DoliDroid
  - Cliente android de DoliBarr
- Silectric
  - Calculadora de consumo eléctrico

# Calendula - Aplicación android



# Plan de pruebas

## Random testing

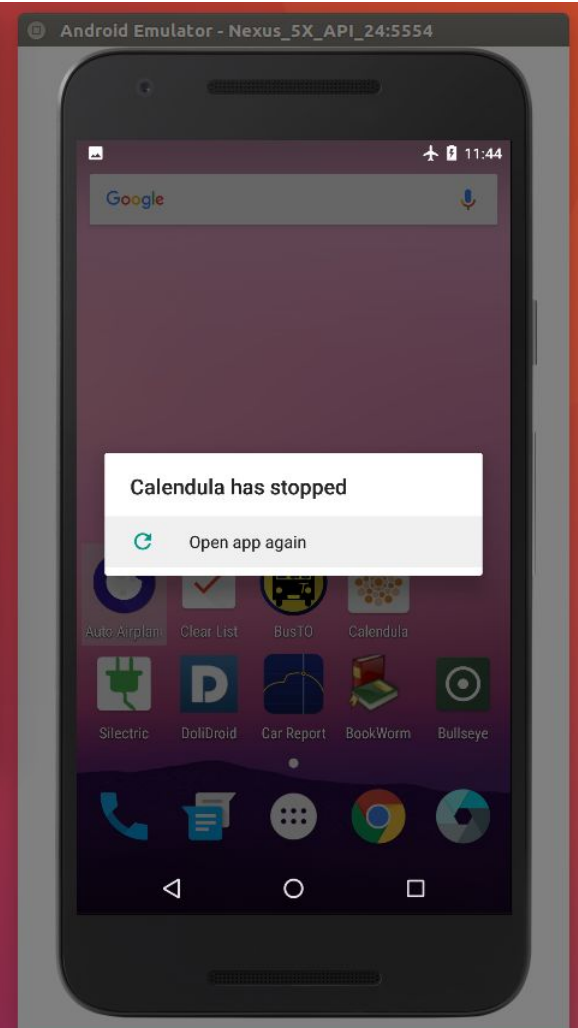
- 10.000 eventos
- 8 reintentos
- 2 fallos de la aplicación
  - NullPointerException
  - ArrayIndexOutOfBoundsException

## Pruebas manuales

- 5 pantallas
- Ingreso de texto con caracteres especiales
- 0 fallos de la aplicación

# Error en el log de la prueba

```
juan@BOG01ZPL30: ~/Android/Sdk/platform-tools
juan@BOG01ZPL30:~/Android/Sdk/platform-tools$ ./adb shell monkey -p es.usc.citius.servando.calendula 10000
// Injection Failed
// Injection Failed
// activityResuming(es.usc.citius.servando.calendula)
// CRASH: es.usc.citius.servando.calendula (pid 8207)
// Short Msg: java.lang.NullPointerException
// Long Msg: java.lang.NullPointerException: Attempt to invoke virtual method 'org.joda.time.LocalDate es.usc.citius.servando.calendula.persistence.Schedule.start()' on a null object reference
// Build Label: google/sdk_google_phone_x86/generic_x86:7.0/NYC/4013928:user/release-keys
// Build Changelist: 4013928
// Build Time: 1494963929000
// java.lang.NullPointerException: Attempt to invoke virtual method 'org.joda.time.LocalDate es.usc.citius.servando.calendula.persistence.Schedule.start()' on a null object reference
//   at es.usc.citius.servando.calendula.fragments.ScheduleSummaryFragment$1.onClick(ScheduleSummaryFragment.java:123)
//   at android.view.View.performClick(View.java:5610)
//   at android.view.View$PerformClick.run(View.java:22265)
//   at android.os.Handler.handleCallback(Handler.java:751)
//   at android.os.Handler.dispatchMessage(Handler.java:95)
//   at android.os.Looper.loop(Looper.java:154)
//   at android.app.ActivityThread.main(ActivityThread.java:6077)
//   at java.lang.reflect.Method.invoke(Native Method)
//   at com.android.internal.os.ZygoteInit$MethodAndArgsCaller.run(ZygoteInit.java:866)
//   at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:756)
//
** Monkey aborted due to error.
Events injected: 496
## Network stats: elapsed time=4352ms (0ms mobile, 0ms wifi, 4352ms not connected)
** System appears to have crashed at event 496 of 10000 using seed 1505545537020
juan@BOG01ZPL30:~/Android/Sdk/platform-tools$
```

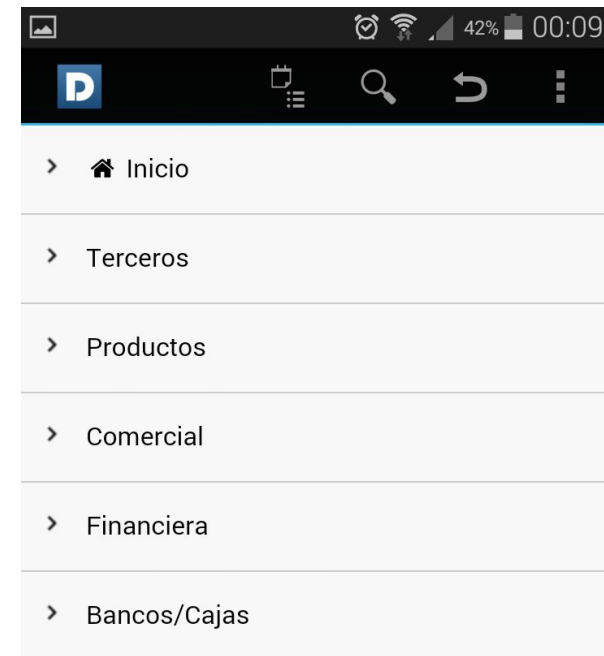




# Error en el logcat

```
09-13 11:41:31.186 8207 8207 D AndroidRuntime: Shutting down VM
09-13 11:41:31.187 8207 8207 E AndroidRuntime: FATAL EXCEPTION: main
09-13 11:41:31.187 8207 8207 E AndroidRuntime: Process: es.usc.citius.servando.calendula, PID: 8207
09-13 11:41:31.187 8207 8207 E AndroidRuntime: java.lang.NullPointerException: Attempt to invoke virtual method 'org.joda.time.LocalDate es.usc.citius.servando.calendula
09-13 11:41:31.187 8207 8207 E AndroidRuntime:         at es.usc.citius.servando.calendula.fragments.ScheduleSummaryFragment$1.onClick(ScheduleSummaryFragment.java:123)
09-13 11:41:31.187 8207 8207 E AndroidRuntime:         at android.view.View.performClick(View.java:5610)
09-13 11:41:31.187 8207 8207 E AndroidRuntime:         at android.view.View$PerformClick.run(View.java:22265)
09-13 11:41:31.187 8207 8207 E AndroidRuntime:         at android.os.Handler.handleCallback(Handler.java:751)
09-13 11:41:31.187 8207 8207 E AndroidRuntime:         at android.os.Handler.dispatchMessage(Handler.java:95)
09-13 11:41:31.187 8207 8207 E AndroidRuntime:         at android.os.Looper.loop(Looper.java:154)
09-13 11:41:31.187 8207 8207 E AndroidRuntime:         at android.app.ActivityThread.main(ActivityThread.java:6077)
09-13 11:41:31.187 8207 8207 E AndroidRuntime:         at java.lang.reflect.Method.invoke(Native Method)
09-13 11:41:31.187 8207 8207 E AndroidRuntime:         at com.android.internal.os.ZygoteInit$MethodAndArgsCaller.run(ZygoteInit.java:866)
09-13 11:41:31.187 8207 8207 E AndroidRuntime:         at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:756)
09-13 11:41:31.208 1581 2095 W ActivityManager: Force finishing activity es.usc.citius.servando.calendula/.HomePagerActivity
09-13 11:41:31.242 8864 8864 I art : System.exit called, status: 496
09-13 11:41:31.242 8864 8864 I AndroidRuntime: VM exiting with result code 496.
09-13 11:41:31.335 1581 3742 I OpenGLRenderer: Initialized EGL, version 1.4
09-13 11:41:31.336 1581 3742 D OpenGLRenderer: Swap behavior 1
09-13 11:41:31.336 1581 3742 W OpenGLRenderer: Failed to choose config with EGL_SWAP_BEHAVIOR_PRESERVED, retrying without...
09-13 11:41:31.336 1581 3742 D OpenGLRenderer: Swap behavior 0
09-13 11:41:31.342 1581 3742 D EGL_emulation: eglCreateContext: 0x8a2e0cc0: maj 2 min 0 rcv 2
09-13 11:41:31.347 1581 3742 D EGL_emulation: eglMakeCurrent: 0x8a2e0cc0: ver 2 0 (tinfo 0x89d099b0)
09-13 11:41:31.376 1581 3742 D EGL_emulation: eglMakeCurrent: 0x8a2e0cc0: ver 2 0 (tinfo 0x89d099b0)
09-13 11:41:31.647 1581 1594 W ActivityManager: Activity pause timeout for ActivityRecord{81d58c7 u0 es.usc.citius.servando.calendula/.activities.ScheduleCreationActivit
09-13 11:41:31.822 1995 2239 D EGL_emulation: eglMakeCurrent: 0xad4052a0: ver 2 0 (tinfo 0xad4032e0)
09-13 11:41:32.336 1995 2239 W OpenGLRenderer: Incorrectly called buildLayer on View: ShortcutAndWidgetContainer, destroying layer...
09-13 11:41:34.380 1347 1375 W audio_hw_generic: Not supplying enough data to HAL, expected position 58734617 , only wrote 58377600
09-13 11:41:36.382 2377 8884 W PlatformStatsUtil: Could not retrieve Usage & Diagnostics setting. Giving up.
09-13 11:41:42.159 1581 1594 W ActivityManager: Activity destroy timeout for ActivityRecord{81d58c7 u0 es.usc.citius.servando.calendula/.activities.ScheduleCreationActiv
09-13 11:41:42.159 1581 1594 I WindowManager: Destroying surface Surface(name=es.usc.citius.servando.calendula/es.usc.citius.servando.calendula.activities.ScheduleCreati
09-13 11:41:42.168 1304 1304 W SurfaceFlinger: couldn't log to binary event log: overflow.
09-13 11:41:42.175 1581 1594 W ActivityManager: Activity destroy timeout for ActivityRecord{860d3c7 u0 es.usc.citius.servando.calendula/.HomePagerActivity t93 f}
09-13 11:41:42.175 1581 1594 I WindowManager: Destroying surface Surface(name=es.usc.citius.servando.calendula/es.usc.citius.servando.calendula.HomePagerActivity) called
09-13 11:41:44.113 2377 2645 I Icing : Usage reports 0 indexed 0 rejected 0 imm upload false
09-13 11:41:44.154 2377 8889 W IcingInternalCorpora: getNumBytesRead when not calculated.
09-13 11:41:44.164 2377 2634 I Icing : Usage reports 0 indexed 0 rejected 0 imm upload false
09-13 11:41:44.214 2377 2634 I Icing : Usage reports 0 indexed 0 rejected 0 imm upload false
09-13 11:41:44.243 2377 2634 I Icing : Usage reports 0 indexed 0 rejected 0 imm upload false
09-13 11:42:36.138 1581 1594 W BroadcastQueue: Timeout of broadcast BroadcastRecord{28904d9 u0 null} - receiver=android.os.BinderProxy@ca75e9e, started 60004ms ago
09-13 11:42:36.138 1581 1594 W BroadcastQueue: Receiver during timeout: ResolveInfo{e4b9d7f es.usc.citius.servando.calendula/.scheduling.AlarmReceiver m=0x0}
09-13 11:42:36.139 1581 1594 I ActivityManager: Killing 5529:com.google.android.apps.docs/u0a43 (adj 906): empty #17
09-13 11:42:36.149 1581 1594 I ActivityManager: Crashing app skipping ANR: ProcessRecord{5fc1595 8207:es.usc.citius.servando.calendula/u0a84} Broadcast of Intent { flg=0
09-13 11:42:36.192 1581 1793 D ActivityManager: cLeanUpApplicationRecord -- 5529
09-13 11:43:20.868 5717 5731 I DevicePlayback: Disallowing Woodstock playback due to no connection
```

# DoliDroid - Aplicación android





# DoliDroid - Aplicación android

 Nuevo producto

Ref.

Etiqueta

Estado (Ventas)

Estado (Compras)

Descripción

URL pública

Stock límite para alertas  Stock óptimo deseado


Naturaleza

Peso

Longitud x Largo x Alto

Superficie

Volumen


 Informes de pagos de 2017

Sep

2017

Create

2017

Informe	Tamaño	Fecha
 payments-2017-09.pdf	7036 b.	13/09/17 00:13

# Plan de pruebas

## Random testing

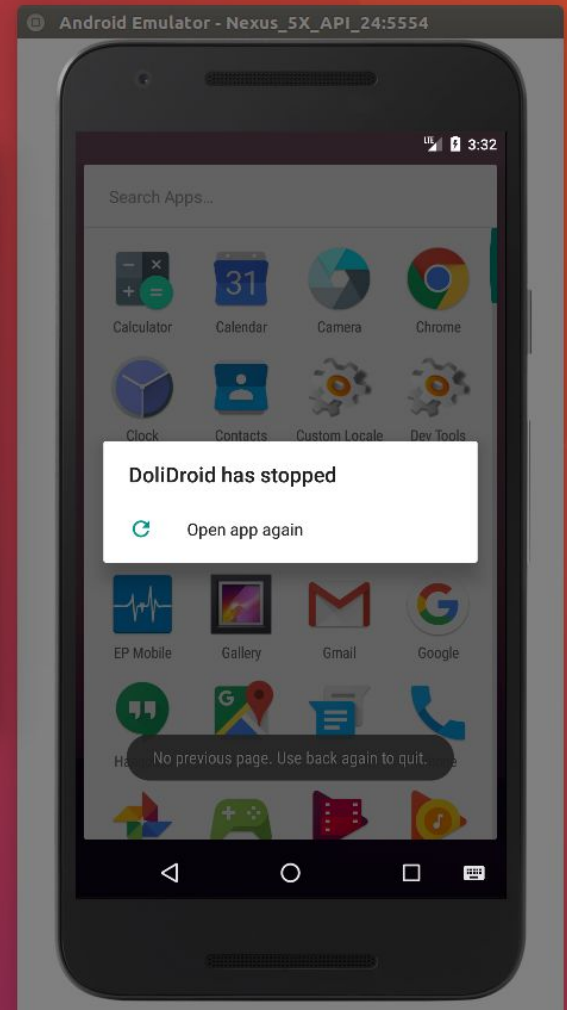
- 10.000 eventos
- 4 reintentos
- 1 fallo de la aplicación
  - `ClassCastException`

## Pruebas manuales

- 5 pantallas
- Ingreso de texto con caracteres especiales
- Inyeccion SQL
- 1 fallo de la aplicación

# Error en el log de la prueba

```
juan@BOG01ZPL30: ~/Android/Sdk/platform-tools
// Short Msg: java.lang.ClassCastException
// Long Msg: java.lang.ClassCastException: android.widget.HeaderViewListAdapter cannot be cast to
com.android.internal.view.menu.MenuAdapter
// Build Label: google/sdk_google_phone_x86/generic_x86:7.0/NYC/4013928:user/release-keys
// Build Changelist: 4013928
// Build Time: 1494963929000
// java.lang.ClassCastException: android.widget.HeaderViewListAdapter cannot be cast to com.android
d.internal.view.menu.MenuAdapter
//   at android.widget.MenuPopupWindow$MenuDropDownListView.onKeyDown(MenuPopupWindow.java:141)
//   at android.view.KeyEvent.dispatch(KeyEvent.java:2676)
//   at android.view.View.dispatchKeyEvent(View.java:9880)
//   at android.view.ViewGroup.dispatchKeyEvent(ViewGroup.java:1662)
//   at android.widget.ListView.dispatchKeyEvent(ListView.java:2247)
//   at android.view.ViewGroup.dispatchKeyEvent(ViewGroup.java:1667)
//   at android.view.ViewGroup.dispatchKeyEvent(ViewGroup.java:1667)
//   at android.widget.PopupWindow$PopupDecorView.dispatchKeyEvent(PopupWindow.java:2257)
//   at android.view.ViewRootImpl$ViewPostImeInputStage.processKeyEvent(ViewRootImpl.java:4327)
//   at android.view.ViewRootImpl$ViewPostImeInputStage.onProcess(ViewRootImpl.java:4298)
//   at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:3849)
//   at android.view.ViewRootImpl$InputStage.onDeliverToNext(ViewRootImpl.java:3902)
//   at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:3868)
//   at android.view.ViewRootImpl$AsyncInputStage.forward(ViewRootImpl.java:3995)
//   at android.view.ViewRootImpl$InputStage.apply(ViewRootImpl.java:3876)
//   at android.view.ViewRootImpl$AsyncInputStage.apply(ViewRootImpl.java:4052)
//   at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:3849)
//   at android.view.ViewRootImpl$InputStage.onDeliverToNext(ViewRootImpl.java:3902)
//   at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:3868)
```





# Error en el logcat

```
----- beginning of crash
09-12 15:29:44.007 4583 4583 E AndroidRuntime: FATAL EXCEPTION: main
09-12 15:29:44.007 4583 4583 E AndroidRuntime: Process: com.nltechno.dolidroidpro, PID: 4583
09-12 15:29:44.007 4583 4583 E AndroidRuntime: java.lang.ClassCastException: android.widget.HeaderViewListAdapter cannot be cast to com.android.internal.view.menu.MenuAdapter
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.widget.MenuPopupWindow$MenuDropDownListView.onKeyDown(MenuPopupWindow.java:141)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.KeyEvent.dispatch(KeyEvent.java:2676)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.View.dispatchKeyEvent(View.java:9880)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewGroup.dispatchKeyEvent(ViewGroup.java:1662)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.widget.ListView.dispatchKeyEvent(ListView.java:2247)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewGroup.dispatchKeyEvent(ViewGroup.java:1667)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewGroup.dispatchKeyEvent(ViewGroup.java:1667)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.widget.PopupWindow$PopupDecorView.dispatchKeyEvent(PopupWindow.java:2257)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$ViewPostImeInputStage.processKeyEvent(ViewRootImpl.java:4327)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$ViewPostImeInputStage.onProcess(ViewRootImpl.java:4298)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:3849)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.onDeliverToNext(ViewRootImpl.java:3902)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:3868)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$AsyncInputStage.forward(ViewRootImpl.java:3995)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.apply(ViewRootImpl.java:3876)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$AsyncInputStage.apply(ViewRootImpl.java:4052)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:3849)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.onDeliverToNext(ViewRootImpl.java:3902)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:3868)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.apply(ViewRootImpl.java:3876)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:3849)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.onDeliverToNext(ViewRootImpl.java:3902)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:3868)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$AsyncInputStage.forward(ViewRootImpl.java:3995)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.apply(ViewRootImpl.java:3876)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$AsyncInputStage.apply(ViewRootImpl.java:4052)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:3849)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.onDeliverToNext(ViewRootImpl.java:3902)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:3868)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$AsyncInputStage.forward(ViewRootImpl.java:3995)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.apply(ViewRootImpl.java:3876)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$AsyncInputStage.apply(ViewRootImpl.java:4052)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:3849)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl.deliverInputEvent(ViewRootImpl.java:6210)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl.doProcessInputEvents(ViewRootImpl.java:6184)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl.enqueueInputEvent(ViewRootImpl.java:6145)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.ViewRootImpl$WindowInputEventReceiver.onInputEvent(ViewRootImpl.java:6313)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.view.InputEventReceiver.dispatchInputEvent(InputEventReceiver.java:185)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.os.MessageQueue.nativePollOnce(Native Method)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.os.MessageQueue.next(MessageQueue.java:323)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.os.Looper.loop(Looper.java:136)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at android.app.ActivityThread.main(ActivityThread.java:6077)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at java.lang.reflect.Method.invoke(Native Method)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at com.android.internal.os.ZygoteInit$MethodAndArgsCaller.run(ZygoteInit.java:866)
09-12 15:29:44.007 4583 4583 E AndroidRuntime:     at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:756)
09-12 15:29:44.016 1581 1592 W ActivityManager: Force finishing activity com.nltechno.dolidroidpro/.MainActivity
```

# Silectric - Aplicación android

00:14

← Preferencias

Moneda

Estados Unidos (\$)

Cuota por kWh

0.20000000298023224

Cargo Cuota Básica

0.0

Otras Cuotas

0.0

00:15

Silectric

Total

COP35,035.88

179.4 KWh

Días

30

Actividad por día

TV 32 inch

990 watt 24.0 hours 1 electronics

Vacuum cleaner

1400 watt 1.0 hours 1 electronics

Electric Fan

800 watt 8.0 hours 1 electronics

Lamp 75 Watt

900 watt 12.0 hours 1 electronics

00:16

← Electrónico

Nombre del Electrónico

Modo : Normal

Watt : Horas : Minutos :

24 60

0 00 00

1 01 01

Cancel Delete Add

# Plan de pruebas

## Random testing

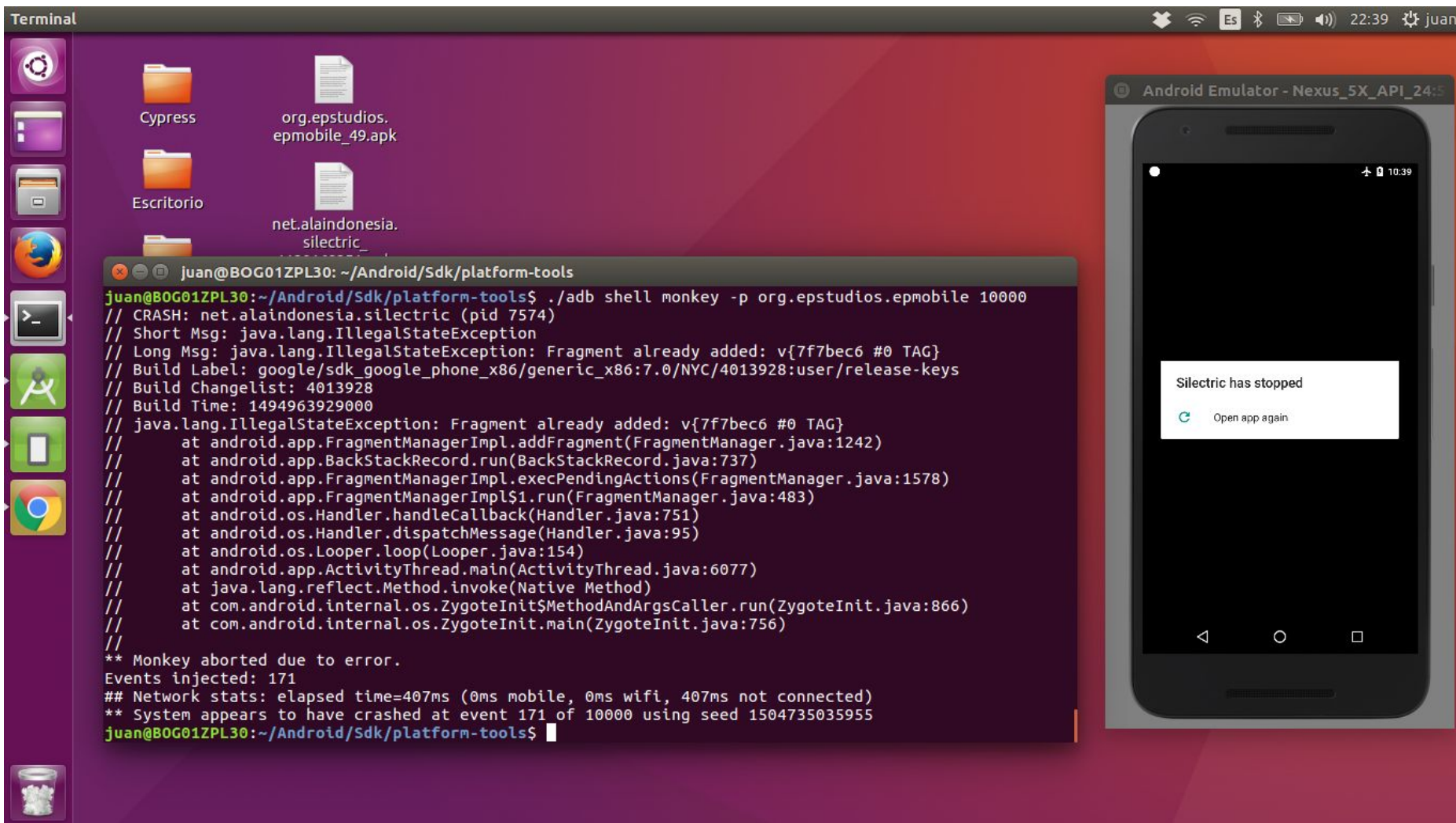
- 10.000 eventos
- 4 reintentos
- 1 fallo de la aplicación
  - `IllegalStateException`

## Pruebas manuales

- 5 pantallas
- Ingreso de texto con caracteres especiales
- 1 fallo de la aplicación



# Error en el log de la prueba



# Error en el logcat

```
----- beginning of crash
09-03 22:38:22.182 7574 7574 E AndroidRuntime: FATAL EXCEPTION: main
09-03 22:38:22.182 7574 7574 E AndroidRuntime: Process: net.alainindonesia.silectric, PID: 7574
09-03 22:38:22.182 7574 7574 E AndroidRuntime: java.lang.IllegalStateException: Fragment already added: v{7f7bec6 #0 TAG}
09-03 22:38:22.182 7574 7574 E AndroidRuntime:     at android.app.FragmentManagerImpl.addFragment(FragmentManager.java:1242)
09-03 22:38:22.182 7574 7574 E AndroidRuntime:     at android.app.BackStackRecord.run(BackStackRecord.java:737)
09-03 22:38:22.182 7574 7574 E AndroidRuntime:     at android.app.FragmentManagerImpl.execPendingActions(FragmentManager.java:1578)
09-03 22:38:22.182 7574 7574 E AndroidRuntime:     at android.app.FragmentManagerImpl$1.run(FragmentManager.java:483)
09-03 22:38:22.182 7574 7574 E AndroidRuntime:     at android.os.Handler.handleCallback(Handler.java:751)
09-03 22:38:22.182 7574 7574 E AndroidRuntime:     at android.os.Handler.dispatchMessage(Handler.java:95)
09-03 22:38:22.182 7574 7574 E AndroidRuntime:     at android.os.Looper.loop(Looper.java:154)
09-03 22:38:22.182 7574 7574 E AndroidRuntime:     at android.app.ActivityThread.main(ActivityThread.java:6077)
09-03 22:38:22.182 7574 7574 E AndroidRuntime:     at java.lang.reflect.Method.invoke(Native Method)
09-03 22:38:22.182 7574 7574 E AndroidRuntime:     at com.android.internal.os.ZygoteInit$MethodAndArgsCaller.run(ZygoteInit.java:866)
09-03 22:38:22.182 7574 7574 E AndroidRuntime:     at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:756)
09-03 22:38:22.187 1582 3054 I chatty : uid=1000(system) Binder:1582_C expire 11 lines
09-03 22:38:22.203 3586 3586 W RichInputMethodSubtype: Can't find emoji subtype
09-03 22:38:22.204 3586 3586 W RichInputMethodSubtype: No input method subtype found; returning dummy subtype: Multi-lingual subtype: an
09-03 22:38:22.238 7755 7755 I art : System.exit called, status: 171
09-03 22:38:22.238 7755 7755 I AndroidRuntime: VM exiting with result code 171.
09-03 22:38:22.253 1582 3518 I OpenGLRenderer: Initialized EGL, version 1.4
09-03 22:38:22.254 1582 3518 D OpenGLRenderer: Swap behavior 1
09-03 22:38:22.254 1582 3518 W OpenGLRenderer: Failed to choose config with EGL_SWAP_BEHAVIOR_PRESERVED, retrying without...
09-03 22:38:22.254 1582 3518 D OpenGLRenderer: Swap behavior 0
09-03 22:38:22.263 1582 3518 D EGL_emulation: eglCreateContext: 0xa05f9be0: maj 2 min 0 rcv 2
09-03 22:38:22.279 1582 3518 D EGL_emulation: eglMakeCurrent: 0xa05f9be0: ver 2 0 (tinfo 0x8a950b90)
09-03 22:38:22.303 1582 3518 D EGL_emulation: eglMakeCurrent: 0xa05f9be0: ver 2 0 (tinfo 0x8a950b90)
09-03 22:38:22.355 3586 3586 I EmojiCategory: Last Emoji category id is 8
09-03 22:38:22.372 3586 3586 W ViewPager: Requested offscreen page limit 0 too small; defaulting to 1
09-03 22:38:22.388 3586 3586 I LatinIME: Starting input. Cursor position = 0,0
09-03 22:38:22.690 1582 1595 I chatty : uid=1000(system) ActivityManager expire 3 lines
09-03 22:38:24.402 3586 3586 W InputConnectionWrapper.ICC: Timed out waiting on IInputContextCallback
09-03 22:38:25.180 1349 1394 W audio_hw_generic: Not supplying enough data to HAL, expected position 22130033 , only wrote 21971520
09-03 22:38:26.427 3586 3586 W InputConnectionWrapper.ICC: Timed out waiting on IInputContextCallback
09-03 22:38:27.343 7221 7766 W PlatformStatsUtil: Could not retrieve Usage & Diagnostics setting. Giving up.
09-03 22:38:28.467 3586 3586 W InputConnectionWrapper.ICC: Timed out waiting on IInputContextCallback
09-03 22:38:28.467 3586 3586 W RichInputConnection: Slow InputConnection: RELOAD_TEXT_CACHE took 2040 ms.
```

# EmmaLabs - Aplicación web

The screenshot shows a web browser window displaying the EmmaLabs application. The browser's address bar shows the URL `emmalabsinternal.herokuapp.com`. The application's header includes the 'EMMA' logo, a hamburger menu icon, and a user profile section with a circular avatar labeled '128 x 128' and the name 'científico'. Below the header, a blue banner reads 'Bienvenido al Laboratorio Químico'. The main content area is titled 'Dashboard' and features four white cards with statistics: 'Asignado a' (0 Proyectos), 'En curso' (0 Experimentos), 'Pendientes de revisión' (4 Órdenes de compra), and 'Disponibles' (0 Máquinas solicitadas). A left sidebar contains a vertical menu with icons for various functions and a list of expandable sections: 'Proyectos', 'Protocolos', 'Órdenes', 'Solicitudes', and 'Navegación'. The 'Navegación' section is currently expanded, showing 'Cerrar sesión' and 'Volver a inicio' options. The footer of the application displays the copyright notice '© 2017 EmmaLabs'.

Archivo Edición Ver Historial Herramientas Personas Ayuda

EmmaLabs - Labora x

emmalabsinternal.herokuapp.com

Google Gmail Mapa iTop Sonria Jira Portainer Ac-104 Qa-106 Pr local QR Pp Correo SP Moo ESB

EMMA

128 x 128

**Nombre Apellido**  
*Científico de laboratorio*

- Proyectos
- Protocolos
- Órdenes
- Solicitudes
- Navegación
  - Cerrar sesión
  - Volver a inicio

**Bienvenido al Laboratorio Químico**

**Dashboard**

Asignado a	En curso	Pendientes de revisión	Disponibles
0	0	4	0
Proyectos	Experimentos	Órdenes de compra	Máquinas solicitadas

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# Plan de pruebas

## Auditoría web y rendimiento

- Lighthouse

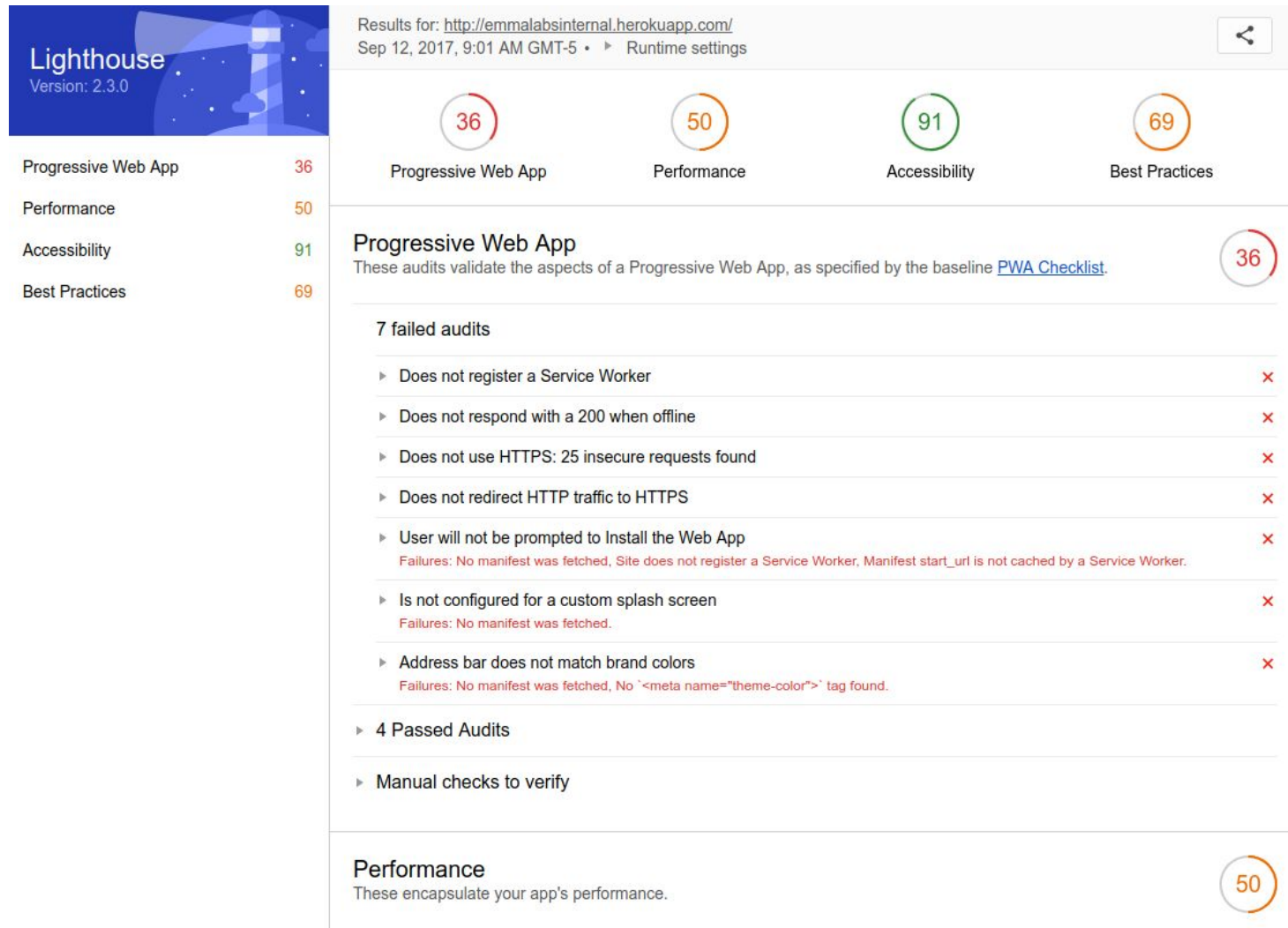
## Análisis de código estático

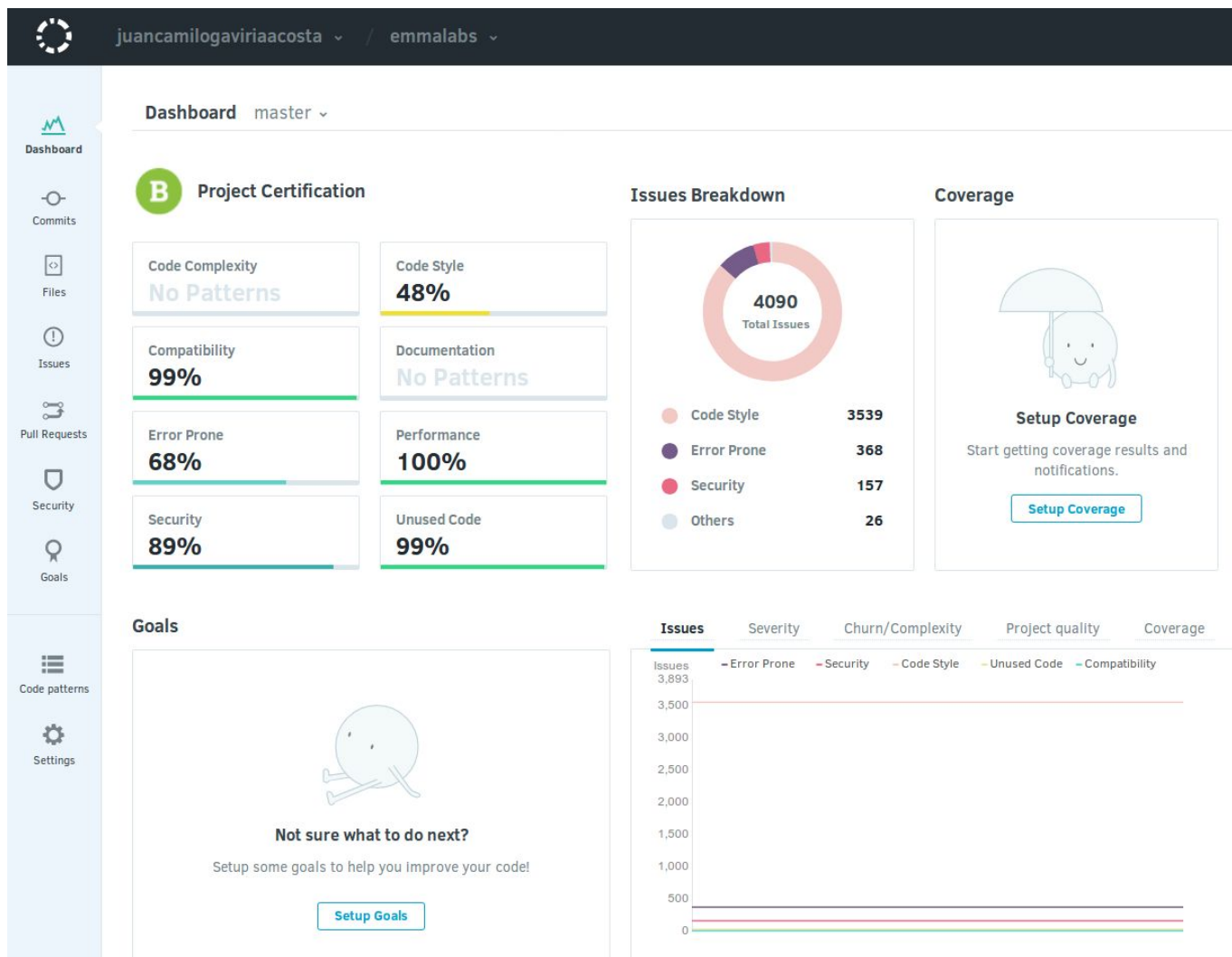
- Codacy

## Pruebas manuales

- 8 pantallas
- Ingreso de texto con caracteres especiales
- 5 fallos de la aplicación

# Lighthouse







# Error 1

Al buscar un proyecto y agregar resultados, la fecha del resultado dice que está en formato “yyyy-mm-dd” pero al digitar la fecha “1986-12-21”, muestra otro formato “06/12/21”

EMMA científico

Registro de resultados

Nombre Apellido  
Científico de laboratorio

Experimento: a

Proyecto: Desarrollo de cura

Fecha del resultado: yyyy-mm-dd

Protocolo utilizado: Mezcla de Cloro (1.0)

Resultados:

Satisfactorio: ☐ Si ☐ No

Observaciones:

- Proyectos
- Órdenes
- Solicitudes
- Protocolos
- Navegación

EMMA científico

Registro de resultados

Nombre Apellido  
Científico de laboratorio

Experimento: a

Proyecto: Desarrollo de cura

Fecha del resultado: 06/12/21

Protocolo utilizado: protocolo x (1.0)

Resultados:

Satisfactorio: ☐ Si ☐ No

- Órdenes
- Proyectos
- Navegación
- Protocolos
- Solicitudes

# Error 2

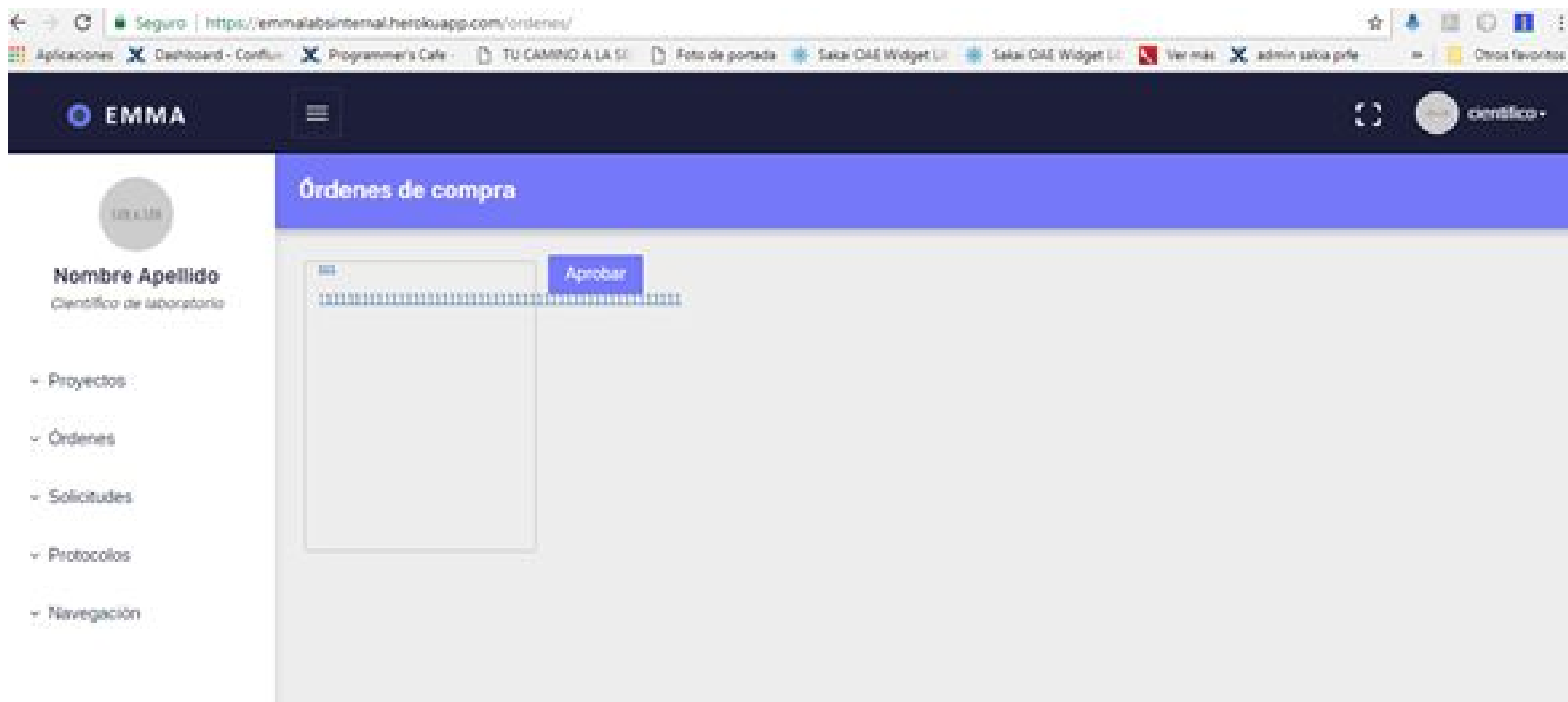
Al buscar un proyecto y agregar resultados, la fecha del resultado dice que está en formato “yyyy-mm-dd” pero al digitar la fecha “1986-12-21”, genera error.

```
ValueError at /registrar_resultado/4/
time data '06/12/21' does not match format '%m/%d/%Y'

Request Method: POST
Request URL: https://emmalabsinternal.herokuapp.com/registrar_resultado/4/
Django Version: 1.11
Exception Type: ValueError
Exception Value: time data '06/12/21' does not match format '%m/%d/%Y'
Exception Location: /app/.heroku/python/lib/python2.7/_strptime.py in _strptime, line 332
Python Executable: /app/.heroku/python/bin/python
Python Version: 2.7.13
Python Path: ['/app',
/app/.heroku/python/bin',
/app',
/app/.heroku/python/lib/python2.7/site-packages/django/core/handlers/exception.py in inner
141, response = get_response(request)
> Local vars
/app/.heroku/python/lib/python2.7/site-packages/django/core/handlers/base.py in _get_response
187, response = self.process_exception_by_middleware(e, request)
> Local vars
/app/.heroku/python/lib/python2.7/site-packages/django/core/handlers/base.py in _get_response
```

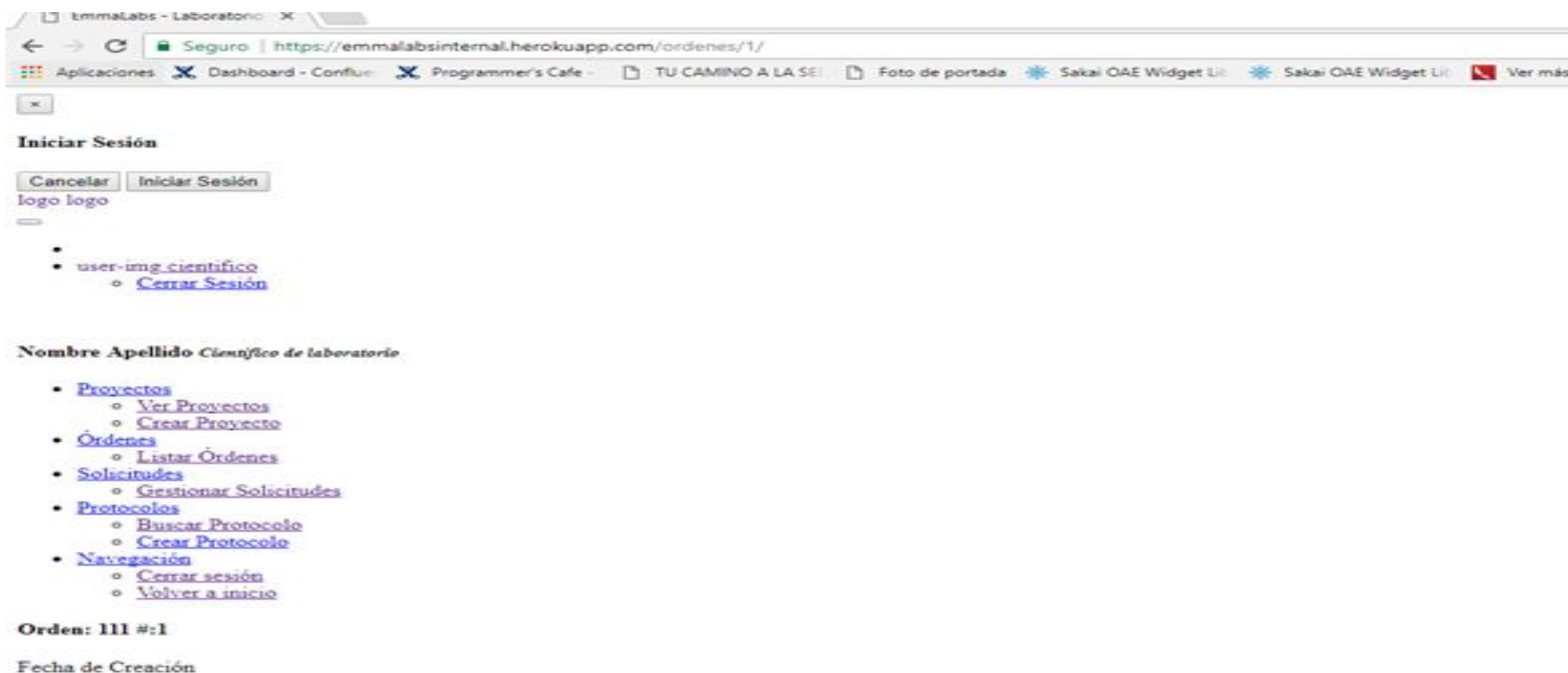
# Error 3

Al listar ordenes, si la descripción de la orden es larga no se ve bien en la pantalla.



# Error 4

Al listar ordenes y seleccionar alguna, la aplicación se queda sin estilos.



# Error 5

Después de crear un protocolo, regreso al home pero aún se muestra “El protocolo se ha creado correctamente”

