Parcial 2 - Jorge David Runza Gualdron

Repositorio con la evidencia: https://github.com/Jorgerunza/Parcial2-PruebasAutomaticas

Aplicación Mutada K9-Mail: https://github.com/k9mail/k-9

Mutante 1: MissingPermissionManifest

Mutant 73:

C:\Users\Jorge\Desktop\Parcial\K9-mut\com.fsck.k9-mutant73\\AndroidManifest.xml;

MissingPermissionManifest in line 26

Se elimina permiso android.permission.WAKE_LOCK.



Mutante 2: ActivityNotDefined

Mutant 30:

C:\Users\Jorge\Desktop\Parcial\K9-mut\com.fsck.k9-mutant30\\AndroidManifest.xml;

ActivityNotDefined in line 75

Se elimina actividad com.fsck.k9.activity.Accounts

Mutante 3: InvalidActivityPATH

Mutant 1:

C:\Users\Jorge\Desktop\Parcial\K9-mut\com.fsck.k9-mutant1\\AndroidManifest.xml;
InvalidActivityPATH in line 75

se modifica la linea de android:name=".activity.Accounts" a android:name=".activity.Aoccunts".

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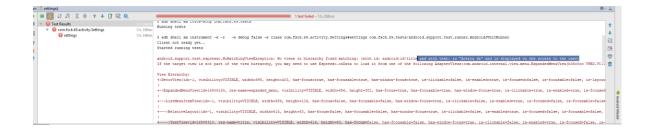
Mutante 4: WrongStringResource

Mutant 182:

C:\Users\Jorge\Desktop\Parcial\K9-mut\com.fsck.k9-mutant182\\res\values\strings.xml;

WrongStringResource in line 181

Se modifica <string name="about_action">Acerca de</string> a <string name="about_action">f521bdb8cb7f4fcf81be40239d164c16</string>



Mutante 5: WrongMainActivity

Mutant 1054:

C:\Users\Jorge\Desktop\Parcial\K9-mut\com.fsck.k9-mutant1054\\AndroidManifest.xml;

WrongMainActivity in line 212

Se modifica android:name=".activity.MessageList" por android:name=".activity.setup.AccountSetupAccountType"



$Mutante\ 6: Invalid Index Query Parameter$

Mutant 1026:

tmp/mutants/com.fsck.k9-mutant1026//java/com/fsck/k9/mailstore/LocalFolder.java;

InvalidIndexQueryParameter in line 161

Se modifica la linea cursor = db.rawQuery(baseQuery + "where folders.name = ?", new String[] { name });

eliminando el parametro de entrada:

cursor = db.rawQuery(baseQuery + "where folders.name = ?", new String[]{ });

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invalidIndexQueryP...()
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      Com.fsck.k9.activity.InvalidIndexQuery 14s 856ms
                                                      java.lang.RuntimeException: com.fsck.k9.mail.MessagingException: Folder INBOX already exists.

    invalidIndexQueryParameterFolder 7s 414ms

                                                      at com.fsck.k9.fragment.MessageListFragment.getFolderInfoHolder(MessageListFragment.java:656)
         invalidIndexQueryParameterfolder 7s 442ms at com.fsck.k9.fragment.MessageListFragment.decodeArguments(MessageListFragment.java:595)
                                                       at com.fsck.k9.fragment.MessageListFragment.onCreate(MessageListFragment.java:448)
                                                       at android.app.Fragment.performCreate(Fragment
                                                      at android.app.FragmentManagerImpl.moveToState(FragmentManager.java:949)
                                                       at android.app.FragmentManagerImpl.moveToState(FragmentManager.java:1171)
                                                       at android.app.BackStackRecord.run(BackStackRecord.java:816)
                                                       at android.app.FragmentManagerImpl.execPendingActions(FragmentManager.java:1578)
                                                       \verb|at and roid.app.FragmentController.execPendingActions| (\underline{Fragment}) \\
                                                       at android.app.Activity.performStart(Activity.java:6759)
                                                      at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:2725) at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:2848)
                                                      at android.app.ActivityThread.-wrap12(ActivityThread.java) at android.app.ActivityThread$H.handleMessage(ActivityThread.java:1552)
                                                       at android.os.Handler.dispatchMessage(Handler.java:102) at android.support.test.espresso.base.UiControllerImpl.loopUntil(UiControllerImpl.java:470)
                                                       at android.support.test.espresso.base.UiControllerImpl.loopUntil(UiControllerImpl.java:411)
```

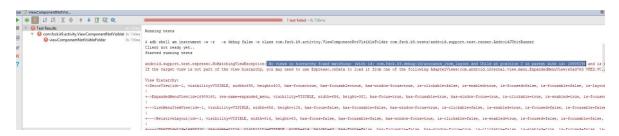
Mutante 7: ViewComponentNotVisible

Mutant 1085:

tmp/mutants/com.fsck.k9-mutant1085//java/com/fsck/k9/activity/FolderList.java;

ViewComponentNotVisible in line 960

Se modifica la linea 961 agregando la siguiente propiedad para ocultar el elemento holder.folderName.setVisibility(android.view.View.INVISIBLE);



Mutante 8: NullIntent

Mutant 1190:

tmp/mutants/com.fsck.k9-mutant1190//java/com/fsck/k9/activity/setup/AccountSetupNames.java;

NullIntent in line 32

Se modifica la linea 32 haciendo nula la variable Intent i = null;

Mutante 9: InvalidSQLQuery

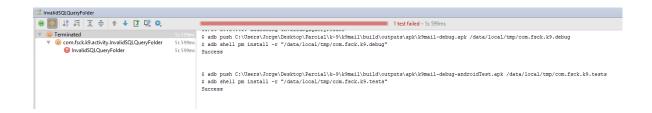
Mutant 1321:

tmp/mutants/com.fsck.k9-mutant1321//java/com/fsck/k9/mailstore/LocalFolder.java;

InvalidSQLQuery in line 161

Se modifica el cursor de base de datos a:

cursor = db.rawQuery(baseQuery + "85806aff354341c98e481d416f97870c", new String[] { name
});



Mutant 1386:

tmp/mutants/com.fsck.k9-mutant1386//java/com/fsck/k9/activity/Accounts.java;

Mutante 10: NullValueIntentPutExtra

NullValueIntentPutExtra in line 349

Se modifica el parametro de entrada de la funcion

intent.putExtra(EXTRA_STARTUP, false); a
intent.putExtra(EXTRA_STARTUP,new android.os.Parcelable[0]);

