

[All Classes](#)[Packages](#)

ca.ualberta.c301w19t14.onebook
ca.ualberta.c301w19t14.onebook.activities
ca.ualberta.c301w19t14.onebook.adapters
ca.ualberta.c301w19t14.onebook.fragments
ca.ualberta.c301w19t14.onebook.models
ca.ualberta.c301w19t14.onebook.util

[OVERVIEW](#)[PACKAGE](#)[CLASS](#)[USE](#)[TREE](#)[DEPRECATED](#)[INDEX](#)[HELP](#)[PREV](#)[NEXT](#)[FRAMES](#)[NO FRAMES](#)

Packages

Package

Description

[ca.ualberta.c301w19t14.onebook](#)

OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.

[ca.ualberta.c301w19t14.onebook.activities](#)

[ca.ualberta.c301w19t14.onebook.adapters](#)

[ca.ualberta.c301w19t14.onebook.fragments](#)

[ca.ualberta.c301w19t14.onebook.models](#)

[ca.ualberta.c301w19t14.onebook.util](#)

[All Classes](#)

AddActivity
AddDeleteBookTest
Book
BookAdapter
BookTest
BorrowerTests
BorrowingFragment
CameraActivity
Chat
ChatTest
CheckMessagesTest
DykUtil
EditBookActivity
EditProfileTest
EditUserActivity
ExampleUnitTest
FirebaseUtil
Globals
LendingFragment
Location
LocationTest
LoginScreenTest
LogoutLogin
MainActivity
MapsActivity
MessageActivity
MessageAdapter
MessagesFragment
MessageSystemTest
MessagingChatsFragment

[OVERVIEW](#)[PACKAGE](#)[CLASS](#)[USE](#)[TREE](#)[DEPRECATED](#)[INDEX](#)[HELP](#)[PREV](#)[NEXT](#)[FRAMES](#)[NO FRAMES](#)

MessagingChatsList
MessagingUserAdapter
MessagingUsersFragment
Methods
ModifyBookDescription
MyAccountTest
MyProfileFragment
MyViewAction
Notification
NotificationFragment
NotificationsAdapter
NotificationTest
RecyclerViewMatcher
Request
RequestsAdapter
RequestTest
ScanIsbnActivity
SearchingActivity





All Classes

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AddDeleteBookTest
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BookTest
BorrowerTests
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CameraActivity
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EditBookActivity
EditProfileTest
EditUserActivity
ExampleUnitTest
FirebaseUtil
Globals
LendingFragment
Location
LocationTest
LoginScreenTest
LogoutLogin
MainActivity
MapsActivity
MessageActivity
MessageAdapter
MessagesFragment
MessageSystemTest
MessagingChatsFragment
MessagingChatsList
MessagingUserAdapter
MessagingUsersFragment
Methods
ModifyBookDescription
MyAccountTest
MyProfileFragment
MyViewAction
Notification
NotificationFragment
NotificationsAdapter
NotificationTest
RecyclerViewMatcher
Request
RequestsAdapter
RequestTest
ScanIsbnActivity
SearchingActivity
SearchingTest
User
UserAccountActivity
UserLoginActivity

UserTest
ViewBookActivity
ViewBookTest
ViewPageAdapter
ViewRequestableTest
ViewRequestsActivity

Classes

AddDeleteBookTest
BookTest
BorrowerTests
ChatTest
CheckMessagesTest
EditProfileTest
ExampleUnitTest
Globals
LocationTest
LoginScreenTest
LogoutLogin
MessageSystemTest
Methods
ModifyBookDescription
MyAccountTest
MyViewAction
NotificationTest
RecyclerViewMatcher
RequestTest
SearchingTest
UserTest
ViewBookTest
ViewRequestableTest

Classes

AddActivity
CameraActivity
EditBookActivity
EditUserActivity
MainActivity
MapsActivity
MessageActivity
ScanIsbnActivity
SearchingActivity
UserAccountActivity
UserLoginActivity
ViewBookActivity
ViewRequestsActivity

Classes

[BookAdapter](#)

[MessageAdapter](#)

[MessagingUserAdapter](#)

[NotificationsAdapter](#)

[RequestsAdapter](#)

[ViewPageAdapter](#)

Classes

BorrowingFragment
LendingFragment
MessagesFragment
MessagingChatsFragment
MessagingUsersFragment
MyProfileFragment
NotificationFragment

Classes

Book

Chat

Location

MessagingChatsList

Notification

Request

User

Classes

DykUtil

FirebaseUtil

ca.ualberta.c301w19t14.onebook.activities

Class AddActivity

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.view.ContextThemeWrapper
                android.app.Activity
                    android.support.v4.app.SupportActivity
                    android.support.v4.app.FragmentActivity
                    android.support.v7.app.AppCompatActivity
                    ca.ualberta.c301w19t14.onebook.activities.AddActivity
```

All Implemented Interfaces:

```
android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator,
android.support.v4.app.TaskStackBuilder.SupportParentable,
android.support.v4.view.KeyEventDispatcher.Component,
android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback, android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback
```

```
public class AddActivity
extends android.support.v7.app.AppCompatActivity
```

This class adds a book to the database after the owner scans a ISBN or manually inputs the book's descriptors.

Version:

1.0

Author:

CMPUT301 Team14: Oran R, Dimitri T

See Also:

{@link #onCreateView}, {@link #onCreate}

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

android.support.v4.app.SupportActivity.ExtraData

Field Summary

Fields

Modifier and Type	Field and Description
android.widget.ImageView image	

Fields inherited from class android.app.Activity

DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL,
DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET,
RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK

Fields inherited from class android.content.Context

ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,
APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,
BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,
BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,
BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,
CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,
CROSS_PROFILE_APPS_SERVICE, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE,
DOWNLOAD_SERVICE, DROPBOX_SERVICE, EUICC_SERVICE, FINGERPRINT_SERVICE,
HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, IPSEC_SERVICE,
JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,
LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,
MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS,
MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE,
NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,
RECEIVER_VISIBLE_TO_INSTANT_APPS, RESTRICTIONS_SERVICE, SEARCH_SERVICE,
SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, STORAGE_STATS_SERVICE,
SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE,
TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_CLASSIFICATION_SERVICE,
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE,
WIFI_AWARE_SERVICE, WIFI_P2P_SERVICE, WIFI_RTT_RANGE_SERVICE, WIFI_SERVICE,
WINDOW_SERVICE

Fields inherited from interface android.content.ComponentCallbacks2

TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,
TRIM_MEMORY_UI_HIDDEN

Constructor Summary

Constructors

Constructor and Description

`AddActivity()`

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
protected void	<code>onActivityResult(int requestCode, int resultCode, android.content.Intent data)</code> From <code>takePictureIntent</code> .
protected void	<code>onCreate(android.os.Bundle savedInstanceState)</code> Initializes the view

Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, closeOptionsMenu, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportFragmentManager, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onKeyDown, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, openOptionsMenu, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getLifecycle, getSupportFragmentManager, getSupportLoaderManager, getViewModelStore, onAttachFragment, onBackPressed, onCreatePanelMenu, onCreateView, onCreateView, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, startActivityForResult, startActivityForResult, startActivityFromFragment,

```
startActivityFromFragment, startIntentSenderForResult, startIntentSenderForResult,
startIntentSenderFromFragment, supportFinishAfterTransition,
supportPostponeEnterTransition, supportStartPostponedEnterTransition,
validateRequestPermissionsRequestCode
```

Methods inherited from class android.support.v4.app.SupportActivity

```
dispatchKeyShortcutEvent, getExtraData, putExtraData, superDispatchKeyEvent
```

Methods inherited from class android.app.Activity

```
attachBaseContext, closeContextMenu, createPendingResult, dismissDialog,
dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent,
dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent,
enterPictureInPictureMode, enterPictureInPictureMode, finish, finishActivity,
finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask,
finishFromChild, getActionBar, getApplication, getCallingActivity,
getCallingPackage, getChangingConfigurations, getComponentName, getContentScene,
getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent,
getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager,
getLocalClassName, getMaxNumPictureInPictureActions, getMediaController, getParent,
getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation,
getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor,
getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager,
hasWindowFocus, isActivityTransitionRunning, isChangingConfigurations, isChild,
isDestroyed, isFinishing, isImmersive, isInMultiWindowMode,
isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot,
isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack,
navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted,
onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment,
onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate,
onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog,
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,
onGenericMotionEvent, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp,
onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped,
onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild,
onOptionsItemSelected, onOptionsMenuClosed, onPictureInPictureModeChanged,
onPostCreate, onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,
onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,
onProvideKeyboardShortcuts, onProvideReferrer, onRestart, onRestoreInstanceState,
onRestoreInstanceState, onSaveInstanceState, onSearchRequested, onSearchRequested,
onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,
onVisibleBehindCanceled, onWindowAttributesChanged, onWindowFocusChanged,
onWindowStartingActionMode, onWindowStartingActionMode, openContextMenu,
overridePendingTransition, postponeEnterTransition, recreate,
registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn,
requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts,
requestVisibleBehind, requestWindowFeature, requireViewById, runOnUiThread,
setActionBar, setContentTransitionManager, setDefaultKeyMode,
```

```
setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable,
setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri,
setFinishOnTouchOutside, setImmersive, setIntent, setMediaController,
setPictureInPictureParams, setProgress, setProgressBarIndeterminate,
setProgressBarIndeterminateVisibility, setProgressBarVisibility,
setRequestedOrientation, setResult, setResult, setSecondaryProgress,
setShowWhenLocked, setTaskDescription, setTitle, setTitle, setTitleColor,
setTurnScreenOn, setVisible, setVolumeControlStream, setVrModeEnabled,
shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog,
showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode,
startActivities, startActivities, startActivity, startActivity,
startActivityFromChild, startActivityFromChild, startActivityFromFragment,
startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded,
startIntentSender, startIntentSender, startIntentSenderFromChild,
startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask,
startManagingCursor, startNextMatchingActivity, startNextMatchingActivity,
startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask,
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu
```

Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, getAssets, getTheme
```

Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission, checkCallingOrSelfUriPermission,
checkCallingPermission, checkCallingUriPermission, checkPermission,
checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper,
createConfigurationContext, createContextForSplit,
createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,
databaseList, deleteDatabase, deleteFile, deleteSharedPreferences,
enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission,
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,
getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir,
getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir,
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,
getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainExecutor,
getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,
getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences,
getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight,
getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage,
isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,
openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper,
registerReceiver, registerReceiver, registerReceiver, registerReceiver,
removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission,
revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser,
sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast,
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,
```

```
setWallpaper, startForegroundService, startInstrumentation, startService,  
stopService, unbindService, unregisterReceiver
```

Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString, getSystemService,  
getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,  
obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,  
wait, wait
```

Methods inherited from interface android.view.Window.Callback

```
onPointerCaptureChanged
```

Field Detail

image

```
public android.widget.ImageView image
```

Constructor Detail

AddActivity

```
public AddActivity()
```

Method Detail

onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Initializes the view

Overrides:

onCreate in class android.support.v7.app.AppCompatActivity

Parameters:

```
savedInstanceState -
```

onActivityResult

```
protected void onActivityResult(int requestCode,  
                             int resultCode,  
                             @Nullable  
                             android.content.Intent data)
```

From takePictureIntent. Checks if a valid picture was taken.

Overrides:

onActivityResult in class android.support.v4.app.FragmentActivity

Parameters:

requestCode -

resultCode -

data -

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook

Class AddDeleteBookTest

java.lang.Object
ca.ualberta.c301w19t14.onebook.AddDeleteBookTest

```
public class AddDeleteBookTest
extends java.lang.Object
```

This tests checks to see if a user can add and delete a book from his/her owned books

Author:

CMPUT301 Team14

Field Summary

Fields

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<MainActivity>	activityRule
java.lang.String	bookauthor
java.lang.String	bookdescription
java.lang.String	bookisbn
java.lang.String	booktitle
boolean	complete
java.lang.String	email
java.lang.String	password

Constructor Summary

Constructors

Constructor and Description
AddDeleteBookTest()

Method Summary

[All Methods](#)[Instance Methods](#)[Concrete Methods](#)

Modifier and Type	Method and Description
void	<code>AddDeleteTest()</code>
void	<code>init()</code>
void	<code>StartLendingTransaction()</code>

Methods inherited from class java.lang.Object

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

complete

public boolean complete

email

public java.lang.String email

password

public java.lang.String password

booktitle

public java.lang.String booktitle

bookauthor

public java.lang.String bookauthor

bookdescription

public java.lang.String bookdescription

bookisbn

```
public java.lang.String bookisbn
```

activityRule

```
public androidx.test.rule.ActivityTestRule<MainActivity> activityRule
```

Constructor Detail

AddDeleteBookTest

```
public AddDeleteBookTest()
```

Method Detail

init

```
public void init()
```

AddDeleteTest

```
public void AddDeleteTest()
```

StartLendingTransaction

```
public void StartLendingTransaction()
```

ca.ualberta.c301w19t14.onebook.models

Class Book

java.lang.Object
 ca.ualberta.c301w19t14.onebook.models.Book

```
public class Book
extends java.lang.Object
```

This class handles all attributes of the book object.

Version:

1.1

Author:

CMPUT 301 Team 14

Field Summary

Fields

Modifier and Type	Field and Description
static java.lang.String	ACCEPTED
static java.lang.String	AVAILABLE
static java.lang.String	BORROWED
static java.lang.String	REQUESTED

Constructor Summary

Constructors

Constructor and Description
<code>Book ()</code>
<code>Book(long isbn, java.lang.String title, java.lang.String author, java.lang.String description, User owner)</code>
<code>Book(long isbn, java.lang.String title, java.lang.String author, java.lang.String description, User owner, User borrower)</code>

Method Summary

All Methods**Static Methods****Instance Methods****Concrete Methods**

Modifier and Type	Method and Description
Request	<code>acceptedRequest ()</code> Returns the accepted request on the book, if exists.

void	delete()	Deletes a book.
void	doBorrowHandover()	Initiates a borrowing handover to a borrower from an owner.
void	doReturnHandover()	Initiates a return handover to a borrower from an owner
static Book	find(java.lang.String id)	Finds a book by it's ID.
void	finishBorrowHandover()	Finishes a borrowing handover after all scans have been complete by the owner and borrower
void	finishReturnHandover()	Finishes a return handover after all scans have been complete by the owner and borrower
java.lang.String	getAuthor()	getter for book author
User	getBorrower()	getter for book borrower
java.lang.String	getDescription()	getter for description
java.lang.String	getId()	getter for Book Id
long	getIsbn()	getter for book ISBN
Request	getNextRequest()	Returns the next request from waitlist.
User	getOwner()	getter for book owner
java.util.HashMap<java.lang.String, Request >	getRequest()	getter for book requesters
java.lang.String	getTitle()	getter for Book Title
void	setAuthor(java.lang.String author)	setter for book author
void	setBorrower(User borrower)	
void	setDescription(java.lang.String description)	setter for description
void	setId(java.lang.String id)	setter for Book Id
void	setIsbn(long isbn)	setter for book ISBN
void	setOwner(User owner)	setter for book owner
void	setRequest(java.util.HashMap<java.lang.String, Request> request)	

	setter for book requesters
void	setTitle (java.lang.String Title)
	setter for Book Title
java.lang.String	status ()
	Returns the status for the book.
void	update ()
	Updates a book.
boolean	userCanRequest ()
	Returns if the current user can request the book.
boolean	userHasRequest (User user)
	Returns if the user has a request on the book.
boolean	userIsOwner ()
	Returns if the current user is the books owner.
void	waitlistDoNext ()

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

AVAILABLE

public static final java.lang.String AVAILABLE

See Also:

Constant Field Values

REQUESTED

public static final java.lang.String REQUESTED

See Also:

Constant Field Values

ACCEPTED

public static final java.lang.String ACCEPTED

See Also:

Constant Field Values

BORROWED

public static final java.lang.String BORROWED

See Also:

Constant Field Values

Constructor Detail

Book

```
public Book()
```

Book

```
public Book(long isbn,  
           java.lang.String title,  
           java.lang.String author,  
           java.lang.String description,  
           User owner)
```

Parameters:

isbn -

title -

author -

description -

owner -

Book

```
public Book(long isbn,  
           java.lang.String title,  
           java.lang.String author,  
           java.lang.String description,  
           User owner,  
           User borrower)
```

Parameters:

isbn -

title -

author -

description -

owner -

Method Detail

getDescription

```
public java.lang.String getDescription()
```

getter for description

Returns:

description

setDescription

```
public void setDescription(java.lang.String description)
```

setter for description

Parameters:

description -

getId

```
public java.lang.String getId()
```

getter for Book Id

Returns:

this.id

setId

```
public void setId(java.lang.String id)
```

setter for Book Id

Parameters:

id -

getIsbn

```
public long getIsbn()
```

getter for book ISBN

Returns:

isbn

setIsbn

```
public void setIsbn(long isbn)
```

setter for book ISBN

Parameters:

isbn -

getTitle

```
public java.lang.String getTitle()
```

getter for Book Title

Returns:

title

setTitle

```
public void setTitle(java.lang.String Title)
```

setter for Book Title

Parameters:

Title -

getAuthor

```
public java.lang.String getAuthor()
```

getter for book author

Returns:

this.author

setAuthor

```
public void setAuthor(java.lang.String author)
```

setter for book author

Parameters:

author -

getOwner

```
public User getOwner()
```

getter for book owner

Returns:

owner

getBorrower

```
public User getBorrower()
```

getter for book borrower

Returns:

setOwner

```
public void setOwner(User owner)
```

setter for book owner

Parameters:

owner -

setBorrower

```
public void setBorrower(User borrower)
```

setRequest

```
public void setRequest(java.util.HashMap<java.lang.String, Request> request)
```

setter for book requesters

Parameters:

request -

getRequest

```
public java.util.HashMap<java.lang.String, Request> getRequest()
```

getter for book requesters

Returns:

requesters

status

```
public java.lang.String status()
```

Returns the status for the book. * Owners can see AVAILABLE or BORROWED. * Users can see AVAILABLE, BORROWED, ACCEPTED or REQUESTED. Most of the time, the status should be AVAILABLE.

Returns:

status

acceptedRequest

```
public Request acceptedRequest()
```

Returns the accepted request on the book, if exists.

Returns:

Request | null

userHasRequest

```
public boolean userHasRequest(User user)
```

Returns if the user has a request on the book.

Parameters:

user - User

Returns:

boolean

getNextRequest

```
public Request getNextRequest()
```

Returns the next request from waitlist.

Returns:

Request | null

find

```
public static Book find(java.lang.String id)
```

Finds a book by it's ID.

Parameters:

id - string book id

Returns:

Book a book object

delete

```
public void delete()
```

Deletes a book.

update

```
public void update()
```

Updates a book.

userIsOwner

```
public boolean userIsOwner()
```

Returns if the current user is the books owner.

Returns:

boolean

userCanRequest

```
public boolean userCanRequest()
```

Returns if the current user can request the book.

Returns:

boolean

doBorrowHandover

```
public void doBorrowHandover()
```

Initiates a borrowing handover to a borrower from an owner.

finishBorrowHandover

```
public void finishBorrowHandover()
```

Finishes a borrowing handover after all scans have been complete by the owner and borrower

doReturnHandover

```
public void doReturnHandover()
```

Initiates a return handover to a borrower from an owner

finishReturnHandover

```
public void finishReturnHandover()
```

Finishes a return handover after all scans have been complete by the owner and borrower

waitlistDoNext

```
public void waitlistDoNext()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.adapters

Class BookAdapter

```
java.lang.Object
    android.support.v7.widget.RecyclerView.Adapter<BookAdapter.BookViewHolder>
        ca.ualberta.c301w19t14.onebook.adapters.BookAdapter
```

```
public class BookAdapter
extends android.support.v7.widget.RecyclerView.Adapter<BookAdapter.BookViewHolder>
```

This class is used to create all of the recycler views that list books. Includes the Search Book View, the Lending View, and the Borrowing View.

Version:

1.0

Author:

CMPUT301 Team14: Dustin, Dimitri, Oran

Nested Class Summary

Nested Classes

Modifier and Type	Class and Description
class	BookAdapter.BookViewHolder

Field Summary

Fields

Modifier and Type	Field and Description
android.content.Context	mContext
java.lang.Boolean	mode
android.view.View	view

Constructor Summary

Constructors

Constructor and Description

```
BookAdapter(android.content.Context context, java.util.ArrayList<Book> bookList,  
java.lang.Boolean mode)
```

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
int	<code>getItemCount()</code>
void	<code>onBindViewHolder(BookAdapter.BookViewHolder bookVh, int i)</code>
<code>BookAdapter.BookViewHolder</code>	<code>onCreateViewHolder(android.view.ViewGroup viewGroup, int i)</code>

Methods inherited from class android.support.v7.widget.RecyclerView.Adapter

bindViewHolder, createViewHolder, getItemId, getItemViewType, hasObservers, hasStableIds, notifyDataSetChanged, notifyItemChanged, notifyItemInserted, notifyItemMoved, notifyItemRangeChanged, notifyItemRangeChanged, notifyItemRangeInserted, notifyItemRangeRemoved, notifyItemRemoved, onAttachedToRecyclerView, onBindViewHolder, onDetachedFromRecyclerView, onFailedToRecycleView, onViewAttachedToWindow, onViewDetachedFromWindow, onViewRecycled, registerAdapterDataObserver, setHasStableIds, unregisterAdapterDataObserver

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

view

```
public android.view.View view
```

mContext

```
public android.content.Context mContext
```

mode

```
public java.lang.Boolean mode
```

Constructor Detail

BookAdapter

```
public BookAdapter(android.content.Context context,  
                  java.util.ArrayList<Book> bookList,  
                  java.lang.Boolean mode)
```

Parameters:

context -
bookList -
mode -

Method Detail

getItemCount

```
public int getItemCount()
```

Specified by:

getItemCount in
class android.support.v7.widget.RecyclerView.Adapter<BookAdapter.BookViewHolder>

Returns:

bookList.size()

onBindViewHolder

```
public void onBindViewHolder(BookAdapter.BookViewHolder bookVh,  
                           int i)
```

Specified by:

onBindViewHolder in
class android.support.v7.widget.RecyclerView.Adapter<BookAdapter.BookViewHolder>

Parameters:

bookVh -
i -

onCreateViewHolder

```
public BookAdapter.BookViewHolder onCreateViewHolder(android.view.ViewGroup viewGroup,
                                                 int i)
```

Specified by:

onCreateViewHolder in
class android.support.v7.widget.RecyclerView.Adapter<BookAdapter.BookViewHolder>

Parameters:

viewGroup -
i -

Returns:

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY](#): [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL](#): [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook

Class BookTest

java.lang.Object
ca.ualberta.c301w19t14.onebook.BookTest

```
public class BookTest
extends java.lang.Object
```

Field Summary

Fields

Modifier and Type	Field and Description
java.lang.String	author
User	bob
java.lang.String	bob_email
java.lang.String	bob_name
java.lang.String	bob_uid
Book	book
Location	calgary
double	calgary_lat
double	calgary_long
java.lang.String	calgary_name
java.lang.String	description
Location	edmonton
double	edmonton_lat
double	edmonton_long
java.lang.String	edmonton_name
long	isbn
java.util.ArrayList<Request>	req
java.lang.String	status

User	steve
java.lang.String	steve_email
java.lang.String	steve_name
java.lang.String	steve_uid
java.lang.String	title

Constructor Summary

Constructors

Constructor and Description

`BookTest()`

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type

Method and Description

void `init()`

void `test_Uid()`

void `testBookDetails()`

void `testEmail()`

void `testName()`

Methods inherited from class java.lang.Object

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

steve_uid

public java.lang.String steve_uid

bob_uid

public java.lang.String bob_uid

steve_name

```
public java.lang.String steve_name
```

bob_name

```
public java.lang.String bob_name
```

steve_email

```
public java.lang.String steve_email
```

bob_email

```
public java.lang.String bob_email
```

edmonton_name

```
public java.lang.String edmonton_name
```

edmonton_lat

```
public double edmonton_lat
```

edmonton_long

```
public double edmonton_long
```

calgary_name

```
public java.lang.String calgary_name
```

calgary_lat

```
public double calgary_lat
```

calgary_long

```
public double calgary_long
```

isbn

```
public long isbn
```

title

```
public java.lang.String title
```

author

```
public java.lang.String author
```

description

```
public java.lang.String description
```

status

```
public java.lang.String status
```

req

```
public java.util.ArrayList<Request> req
```

steve

```
public User steve
```

bob

```
public User bob
```

edmonton

```
public Location edmonton
```

calgary

```
public Location calgary
```

book

```
public Book book
```

Constructor Detail

BookTest

```
public BookTest()
```

Method Detail

init

```
public void init()
```

test_Uid

```
public void test_Uid()
```

testBookDetails

```
public void testBookDetails()
```

testEmail

```
public void testEmail()
```

testName

```
public void testName()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#)

DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook

Class BorrowerTests

java.lang.Object
 ca.ualberta.c301w19t14.onebook.BorrowerTests

```
public class BorrowerTests
extends java.lang.Object
```

This tests checks to see if the book a user is currently borrowing appears in his/her list of borrowed books

Author:

CMPUT301 Team14

Field Summary

Fields

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<MainActivity>	activityRule
java.lang.String	actual_name
java.lang.String	actual_name2
java.lang.String	check_name
boolean	complete
java.lang.String	DUSTIN_EMAIL
java.lang.String	DUSTIN_PASS
java.lang.String	email
java.lang.String	email2
java.lang.String	password
java.lang.String	password2

Constructor Summary

Constructors

Constructor and Description

BorrowerTests ()

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
-------------------	------------------------

void	CheckBookDetails ()
------	----------------------------

void	init ()
------	----------------

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

complete

public boolean complete

email

public java.lang.String email

email2

public java.lang.String email2

password

public java.lang.String password

password2

public java.lang.String password2

check_name

```
public java.lang.String check_name
```

actual_name

```
public java.lang.String actual_name
```

actual_name2

```
public java.lang.String actual_name2
```

DUSTIN_EMAIL

```
public java.lang.String DUSTIN_EMAIL
```

DUSTIN_PASS

```
public java.lang.String DUSTIN_PASS
```

activityRule

```
public androidx.test.rule.ActivityTestRule<MainActivity> activityRule
```

Constructor Detail

BorrowerTests

```
public BorrowerTests()
```

Method Detail

init

```
public void init()
```

CheckBookDetails

```
public void CheckBookDetails()
    throws java.lang.InterruptedException
```

Throws:

java.lang.InterruptedException

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.fragments

Class BorrowingFragment

java.lang.Object
 android.support.v4.app.Fragment
 ca.ualberta.c301w19t14.onebook.fragments.BorrowingFragment

All Implemented Interfaces:

android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.view.View.OnCreateContextMenuListener

```
public class BorrowingFragment
extends android.support.v4.app.Fragment
```

This fragment shows a list of books a user is currently borrowing.

Version:

1.0

Author:

CMPUT301 Team14: Dustin M, Ana B, Dimitri T

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.Fragment

```
android.support.v4.app.Fragment.InstantiationException,
android.support.v4.app.Fragment.SavedState
```

Field Summary

Fields

Modifier and Type	Field and Description
-------------------	-----------------------

java.util.ArrayList<Book>	books
---------------------------	--------------

static boolean[]	checkedFilters
------------------	-----------------------

android.view.View	v
-------------------	----------

Constructor Summary

Constructors

Constructor and Description

`BorrowingFragment()`

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
void	<code>onCreateOptionsMenu(android.view.Menu menu, android.view.MenuInflater inflater)</code> Creates the options menu (top right).
android.view.View	<code>onCreateView(android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState)</code> Initializes the view.
boolean	<code>onOptionsItemSelected(android.view.MenuItem item)</code> Handles selecting an options menu item.
void	<code>onResume()</code> Called when Fragment is resumed.

Methods inherited from class android.support.v4.app.Fragment

dump, equals, getActivity, getAllowEnterTransitionOverlap, getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext, getEnterTransition, getExitTransition, getFragmentManager, getHost, getId, getLayoutInflater, getLayoutInflater, getLifecycle, getLoaderManager, getParentFragment, getReenterTransition, getResources, getRetainInstance, getReturnTransition, getSharedElementEnterTransition, getSharedElementReturnTransition, getString, getString, getTag, getTargetFragment, getTargetRequestCode, getText, getUserVisibleHint, getView, getViewLifecycleOwner, getViewLifecycleOwnerLiveData, getModelStore, hashCode, hasOptionsMenu, instantiate, instantiate, isAdded, isDetached, isHidden, isInLayout, isMenuVisible, isRemoving, isResumed, isStateSaved, isVisible, onActivityCreated, onActivityResult, onAttach, onAttach, onAttachFragment, onConfigurationChanged, onContextItemSelected, onCreate, onCreateAnimation, onCreateAnimator, onCreateContextMenu, onDestroy, onDestroyOptionsMenu, onDestroyView, onDetach, onGetLayoutInflater, onHiddenChanged, onInflate, onInflate, onLowMemory, onMultiWindowModeChanged, onOptionsMenuClosed, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onRequestPermissionsResult, onSaveInstanceState, onStart, onStop, onViewCreated, onViewStateRestored, postponeEnterTransition, registerForContextMenu, requestPermissions, requireActivity, requireContext, requireFragmentManager,

```
requireHost, setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap,  
setArguments, setEnterSharedElementCallback, setEnterTransition,  
setExitSharedElementCallback, setExitTransition, setHasOptionsMenu,  
setInitialSavedState, setMenuVisibility, setReenterTransition, setRetainInstance,  
setReturnTransition, setSharedElementEnterTransition,  
setSharedElementReturnTransition, setTargetFragment, setUserVisibleHint,  
shouldShowRequestPermissionRationale, startActivity, startActivity,  
startActivityForResult, startActivityForResult, startIntentSenderForResult,  
startPostponedEnterTransition, toString, unregisterForContextMenu
```

Methods inherited from class java.lang.Object

```
clone, finalize, getClass, notify, notifyAll, wait, wait, wait
```

Field Detail

v

```
public android.view.View v
```

books

```
public java.util.ArrayList<Book> books
```

checkedFilters

```
public static boolean[] checkedFilters
```

Constructor Detail

BorrowingFragment

```
public BorrowingFragment()
```

Method Detail

onCreateView

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,
```

```
        android.view.ViewGroup container,  
        android.os.Bundle savedInstanceState)
```

Initializes the view.

Overrides:

onCreateView in class android.support.v4.app.Fragment

Parameters:

inflater - LayoutInflator

container - ViewGroup

savedInstanceState - Bundle

Returns:

View layout view

See Also:

this.loadData()

onResume

```
public void onResume()
```

Called when Fragment is resumed. It rehydrates the data.

Overrides:

onResume in class android.support.v4.app.Fragment

onCreateOptionsMenu

```
public void onCreateOptionsMenu(android.view.Menu menu,  
                            android.view.MenuInflater inflater)
```

Creates the options menu (top right).

Overrides:

onCreateOptionsMenu in class android.support.v4.app.Fragment

Parameters:

menu - options menu

inflater - MenuInflater

onOptionsItemSelected

```
public boolean onOptionsItemSelected(android.view.MenuItem item)
```

Handles selecting an options menu item.

Overrides:

```
onOptionsItemSelected in class android.support.v4.app.Fragment
```

Parameters:

item: - android id of the item clicked

Returns:

boolean if the item was handled or not

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED | FIELD | CONSTR | METHOD](#) [DETAIL: FIELD | CONSTR | METHOD](#)

ca.ualberta.c301w19t14.onebook.activities

Class CameraActivity

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.view.ContextThemeWrapper
                android.app.Activity
                    android.support.v4.app.SupportActivity
                        android.support.v4.app.FragmentActivity
                            android.support.v7.app.AppCompatActivity
                                ca.ualberta.c301w19t14.onebook.activities.CameraActivity
```

All Implemented Interfaces:

```
android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator,
android.support.v4.app.TaskStackBuilder.SupportParentable,
android.support.v4.view.KeyEventDispatcher.Component,
android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback, android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback
```

```
public class CameraActivity
extends android.support.v7.app.AppCompatActivity
```

This class opens up the camera to scan a ISBN.

Version:

1.0

Author:

CMPUT301 Team14: Anastasia B.

See Also:

{@link #onCreate}

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

android.support.v4.app.SupportActivity.ExtraData

Field Summary

Fields inherited from class android.app.Activity

```
DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL,  
DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET,  
RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK
```

Fields inherited from class android.content.Context

```
ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,  
APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,  
BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,  
BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,  
BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,  
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,  
COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,  
CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,  
CROSS_PROFILE_APPS_SERVICE, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE,  
DOWNLOAD_SERVICE, DROPBOX_SERVICE, EUICC_SERVICE, FINGERPRINT_SERVICE,  
HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, IPSEC_SERVICE,  
JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,  
LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,  
MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,  
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS,  
MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE,  
NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,  
RECEIVER_VISIBLE_TO_INSTANT_APPS, RESTRICTIONS_SERVICE, SEARCH_SERVICE,  
SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, STORAGE_STATS_SERVICE,  
SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE,  
TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_CLASSIFICATION_SERVICE,  
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,  
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE,  
WIFI_AWARE_SERVICE, WIFI_P2P_SERVICE, WIFI_RTT_RANGING_SERVICE, WIFI_SERVICE,  
WINDOW_SERVICE
```

Fields inherited from interface android.content.ComponentCallbacks2

```
TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,  
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,  
TRIM_MEMORY_UI_HIDDEN
```

Constructor Summary

Constructors

Constructor and Description

[CameraActivity\(\)](#)

Method Summary

[All Methods](#) [Instance Methods](#) [Concrete Methods](#)

Modifier and Type	Method and Description
protected void	onCreate(android.os.Bundle savedInstanceState)

Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, closeOptionsMenu, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportFragmentManagerIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onKeyDown, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, openOptionsMenu, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getLifecycle, getSupportFragmentManager, getSupportLoaderManager, getViewModelStore, onActivityResult, onAttachFragment, onBackPressed, onCreatePanelMenu, onCreateView, onCreateView, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsPanel, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, startActivityForResultForResult, startActivityForResultForResult, startActivityForResultFromFragment, startActivityForResultFromFragment, startIntentSenderForResult, startIntentSenderForResult, startIntentSenderFromFragment, supportFinishAfterTransition, supportPostponeEnterTransition, supportStartPostponedEnterTransition, validateRequestPermissionsRequestCode

Methods inherited from class android.support.v4.app.SupportActivity

dispatchKeyShortcutEvent, getExtraData, putExtraData, superDispatchKeyEvent

Methods inherited from class android.app.Activity

attachBaseContext, closeContextMenu, createPendingResult, dismissDialog,
dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent,
dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent,
enterPictureInPictureMode, enterPictureInPictureMode, finish, finishActivity,
finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask,
finishFromChild, getActionBar, getApplication, getCallingActivity,
getCallingPackage, getChangingConfigurations, getComponentName, getContentScene,
getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent,
getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager,
getLocalClassName, getMaxNumPictureInPictureActions, getMediaController, getParent,
getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation,
getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor,
getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager,
hasWindowFocus, isActivityTransitionRunning, isChangingConfigurations, isChild,
isDestroyed, isFinishing, isImmersive, isInMultiWindowMode,
isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot,
isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack,
navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted,
onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment,
onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate,
onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog,
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,
onGenericMotionEvent, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp,
onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped,
onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild,
onOptionsItemSelected, onOptionsItemSelectedClosed, onPictureInPictureModeChanged,
onPostCreate, onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,
onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,
onProvideKeyboardShortcuts, onProvideReferrer, onRestart, onRestoreInstanceState,
onRestoreInstanceState, onSaveInstanceState, onSearchRequested, onSearchRequested,
onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,
onVisibleBehindCanceled, onWindowAttributesChanged, onWindowFocusChanged,
onWindowStartingActionMode, onWindowStartingActionMode, openContextMenu,
overridePendingTransition, postponeEnterTransition, recreate,
registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn,
requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts,
requestVisibleBehind, requestWindowFeature, requireViewById, runOnUiThread,
setActionBar, setContentTransitionManager, setDefaultKeyMode,
setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable,
setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri,
setFinishOnTouchOutside, setImmersive, setIntent, setMediaController,
setPictureInPictureParams, setProgress, setProgressBarIndeterminate,
setProgressBarIndeterminateVisibility, setProgressBarVisibility,
setRequestedOrientation, setResult, setResult, setSecondaryProgress,
setShowWhenLocked, setTaskDescription, setTitle, setTitle, setTitleColor,
setTurnScreenOn, setVisible, setVolumeControlStream, setVrModeEnabled,
shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog,
showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode,

```
startActivities, startActivities, startActivity, startActivityForResult,
startActivityFromChild, startActivityForResultFromChild, startActivityForResultFromFragment,
startActivityFromFragment, startActivityForResultIfNeeded, startActivityForResultIfNeeded,
startIntentSender, startIntentSender, startIntentSenderFromChild,
startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask,
startManagingCursor, startNextMatchingActivity, startNextMatchingActivity,
startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask,
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu
```

Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, getAssets, getTheme
```

Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission, checkCallingOrSelfUriPermission,
checkCallingPermission, checkCallingUriPermission, checkPermission,
checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper,
createConfigurationContext, createContextForSplit,
createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,
databaseList, deleteDatabase, deleteFile, deleteSharedPreferences,
enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission,
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,
getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir,
getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir,
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,
getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainExecutor,
getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,
getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences,
getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight,
getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage,
isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,
openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper,
registerReceiver, registerReceiver, registerReceiver, registerReceiver,
removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission,
revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser,
sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast,
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,
setWallpaper, startForegroundService, startInstrumentation, startService,
stopService, unbindService, unregisterReceiver
```

Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString, getSystemService,
getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,
obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks
```

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface android.view.Window.Callback

onPointerCaptureChanged

Constructor Detail

CameraActivity

```
public CameraActivity()
```

Method Detail

onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Overrides:

onCreate in class android.support.v7.app.AppCompatActivity

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.models

Class Chat

java.lang.Object
ca.ualberta.c301w19t14.onebook.models.Chat

```
public class Chat
extends java.lang.Object
```

This class is a model for a Chat in Firebase.

Since:

2019-03-29

Version:

1.0

Author:

CMPUT301 Team14: Jandaile D

Constructor Summary

Constructors

Constructor and Description

`Chat()`

Empty constructor for Firebase

`Chat(java.lang.String sender, java.lang.String receiver, java.lang.String message)`

Constructor for a Chat messaging in Firebase

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type

Method and Description

`java.lang.String`

`getMessage()`

getter for message String

`java.lang.String`

`getReceiver()`

getter for receiver id

<code>java.lang.String</code>	getSender()
getter for sender id	
<code>void</code>	setMessage(java.lang.String message)
setter for the message String	
<code>void</code>	setReceiver(java.lang.String receiver)
setter for receiver id	
<code>void</code>	setSender(java.lang.String sender)
setter for sender id	

Methods inherited from class `java.lang.Object`

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Constructor Detail

Chat

```
public Chat()
```

Empty constructor for Firebase

Chat

```
public Chat(java.lang.String sender,
           java.lang.String receiver,
           java.lang.String message)
```

Constructor for a Chat messaging in Firebase

Parameters:

`sender`: - current user id

`receiver`: - user id that the message is being sent to

`message`: - message being sent

Method Detail

getSender

```
public java.lang.String getSender()
```

getter for sender id

Returns:

sender id in Firebase

setSender

```
public void setSender(java.lang.String sender)
```

setter for sender id

Parameters:

sender: - current user id in Firebase

getReceiver

```
public java.lang.String getReceiver()
```

getter for receiver id

Returns:

receiver id in Firebase

setReceiver

```
public void setReceiver(java.lang.String receiver)
```

setter for receiver id

Parameters:

receiver: - receiver's id in Firebase

getMessage

```
public java.lang.String getMessage()
```

getter for message String

Returns:

message String in Firebase

setMessage

```
public void setMessage(java.lang.String message)
```

setter for the message String

Parameters:

message: - message String in Firebase

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | FIELD | CONSTR | METHOD [DETAIL: FIELD | CONSTR | METHOD](#)

ca.ualberta.c301w19t14.onebook

Class ChatTest

java.lang.Object
ca.ualberta.c301w19t14.onebook.ChatTest

```
public class ChatTest
extends java.lang.Object
```

Field Summary

Fields

Modifier and Type	Field and Description
Chat	chat

Constructor Summary

Constructors

Constructor and Description
<code>ChatTest()</code>

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
void	<code>testGetMessage()</code>
void	<code>testGetReceiver()</code>
void	<code>testGetSender()</code>

Methods inherited from class java.lang.Object

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

chat

```
public Chat chat
```

Constructor Detail

ChatTest

```
public ChatTest()
```

Method Detail

testGetSender

```
public void testGetSender()
```

testGetReceiver

```
public void testGetReceiver()
```

testGetMessage

```
public void testGetMessage()
```

ca.ualberta.c301w19t14.onebook

Class CheckMessagesTest

java.lang.Object
 ca.ualberta.c301w19t14.onebook.CheckMessagesTest

```
public class CheckMessagesTest
extends java.lang.Object
```

This tests checks to see if the user can click into his/her messages tab, then open a conversation between himself/herself and another user

Author:

CMPUT301 Team14

Field Summary

Fields

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<MainActivity>	activityRule
java.lang.String	owner_email
java.lang.String	owner_name
java.lang.String	owner_pass
java.lang.String	requester_email
java.lang.String	requester_name
java.lang.String	requester_pass

Constructor Summary

Constructors

Constructor and Description
CheckMessagesTest()

Method Summary

All Methods**Static Methods****Instance Methods****Concrete Methods**

Modifier and Type	Method and Description
void	CheckMessage()
void	ClickViewPagerChat()
static org.hamcrest.Matcher<android.view.View>	firstChildOf(org.hamcrest.Matcher<android.view.View> parentMatcher)
void	init()
static org.hamcrest.Matcher<android.view.View>	nthChildOf(org.hamcrest.Matcher<android.view.View> parentMatcher, int childPosition)
void	StartMessagesTransaction()

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

Field Detail

owner_email

```
public java.lang.String owner_email
```

owner_name

```
public java.lang.String owner_name
```

owner_pass

```
public java.lang.String owner_pass
```

requester_email

```
public java.lang.String requester_email
```

requester_name

```
public java.lang.String requester_name
```

requester_pass

```
public java.lang.String requester_pass
```

activityRule

```
public androidx.test.rule.ActivityTestRule<MainActivity> activityRule
```

Constructor Detail

CheckMessagesTest

```
public CheckMessagesTest()
```

Method Detail

init

```
public void init()
```

CheckMessage

```
public void CheckMessage()
    throws java.lang.InterruptedException
```

Throws:

```
java.lang.InterruptedException
```

StartMessagesTransaction

```
public void StartMessagesTransaction()
```

ClickViewPagerChat

```
public void ClickViewPagerChat()
```

firstChildOf

```
public
static org.hamcrest.Matcher<android.view.View> firstChildOf(org.hamcrest.Matcher<android.view.View> parentMatcher)
```

nthChildOf

```
public
static org.hamcrest.Matcher<android.view.View> nthChildOf(org.hamcrest.Matcher<android.view.View> parentMatcher,
    int childPosition)
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | FIELD | CONSTR | METHOD [DETAIL: FIELD | CONSTR | METHOD](#)

ca.ualberta.c301w19t14.onebook.util

Class DykUtil

java.lang.Object
ca.ualberta.c301w19t14.onebook.util.DykUtil

```
public class DykUtil
extends java.lang.Object
```

Constructor Summary

Constructors

Constructor and Description

DykUtil()

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type

Method and Description

java.lang.String [getDyk\(\)](#)

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

DykUtil

```
public DykUtil()
```

Method Detail

getDyk

```
public java.lang.String getDyk()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED | FIELD | CONSTR | METHOD](#) [DETAIL: FIELD | CONSTR | METHOD](#)

ca.ualberta.c301w19t14.onebook.activities

Class EditBookActivity

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.view.ContextThemeWrapper
                android.app.Activity
                    android.support.v4.app.SupportActivity
                        android.support.v4.app.FragmentActivity
                            android.support.v7.app.AppCompatActivity
                                ca.ualberta.c301w19t14.onebook.activities.EditBookActivity
```

All Implemented Interfaces:

```
android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator,
android.support.v4.app.TaskStackBuilder.SupportParentable,
android.support.v4.view.KeyEventDispatcher.Component,
android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback, android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback
```

```
public class EditBookActivity
extends android.support.v7.app.AppCompatActivity
```

This class allows edits/updates to books that have been inputted into the database.

Version:

1.0

Author:

CMPUT301 Team14: Oran R, Dimitri T, Anastasia B, Natalie H.

See Also:

{@link #onOptionsItemSelected}

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

android.support.v4.app.SupportActivity.ExtraData

Field Summary

Fields

Modifier and Type	Field and Description
<code>FirebaseUtil</code>	<code>books</code>

Fields inherited from class android.app.Activity

`DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL,
DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET,
RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK`

Fields inherited from class android.content.Context

`ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,
APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,
BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,
BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,
BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,
CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,
CROSS_PROFILE_APPS_SERVICE, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE,
DOWNLOAD_SERVICE, DROPBOX_SERVICE, EUICC_SERVICE, FINGERPRINT_SERVICE,
HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, IPSEC_SERVICE,
JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,
LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,
MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS,
MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE,
NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,
RECEIVER_VISIBLE_TO_INSTANT_APPS, RESTRICTIONS_SERVICE, SEARCH_SERVICE,
SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, STORAGE_STATS_SERVICE,
SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE,
TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_CLASSIFICATION_SERVICE,
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE,
WIFI_AWARE_SERVICE, WIFI_P2P_SERVICE, WIFI_RTT_RANGE_SERVICE, WIFI_SERVICE,
WINDOW_SERVICE`

Fields inherited from interface android.content.ComponentCallbacks2

`TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,
TRIM_MEMORY_UI_HIDDEN`

Constructor Summary

Constructors

Constructor and Description

`EditBookActivity()`

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
protected void	<code>onActivityResult(int requestCode, int resultCode, android.content.Intent data)</code>
protected void	<code>onCreate(android.os.Bundle savedInstanceState)</code> Initializes the view.
boolean	<code>onOptionsItemSelected(android.view.MenuItem item)</code> For when the navigation item was selected.

Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, closeOptionsMenu, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onKeyDown, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, openOptionsMenu, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getLifecycle, getSupportFragmentManager, getSupportLoaderManager, getViewModelStore, onAttachFragment, onBackPressed, onCreatePanelMenu, onCreateView, onCreateView, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance,

```
onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback,  
startActivityForResult, startActivityForResult, startActivityFromFragment,  
startActivityFromFragment, startIntentSenderForResult, startIntentSenderForResult,  
startIntentSenderFromFragment, supportFinishAfterTransition,  
supportPostponeEnterTransition, supportStartPostponedEnterTransition,  
validateRequestPermissionsRequestCode
```

Methods inherited from class android.support.v4.app.SupportActivity

```
dispatchKeyShortcutEvent, getExtraData, putExtraData, superDispatchKeyEvent
```

Methods inherited from class android.app.Activity

```
attachBaseContext, closeContextMenu, createPendingResult, dismissDialog,  
dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent,  
dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent,  
enterPictureInPictureMode, enterPictureInPictureMode, finish, finishActivity,  
finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask,  
finishFromChild, getActionBar, getApplication, getCallingActivity,  
getCallingPackage, getChangingConfigurations, getComponentName, getContentScene,  
getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent,  
getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager,  
getLocalClassName, getMaxNumPictureInPictureActions, getMediaController, getParent,  
getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation,  
getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor,  
getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager,  
hasWindowFocus, isActivityTransitionRunning, isChangingConfigurations, isChild,  
isDestroyed, isFinishing, isImmersive, isInMultiWindowMode,  
isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot,  
isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack,  
navigateUpTo, navigateUpFromChild, onActionModeFinished, onActionModeStarted,  
onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment,  
onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate,  
onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog,  
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,  
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,  
onGenericMotionEvent, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp,  
onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped,  
onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild, onOptionsMenuClosed,  
onPictureInPictureModeChanged, onPostCreate, onPrepareDialog, onPrepareDialog,  
onPrepareNavigateUpTaskStack, onPrepareOptionsMenu, onProvideAssistContent,  
onProvideAssistData, onProvideKeyboardShortcuts, onProvideReferrer, onRestart,  
onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState,  
onSearchRequested, onSearchRequested, onTouchEvent, onTrackballEvent, onTrimMemory,  
onUserInteraction, onUserLeaveHint, onVisibleBehindCanceled,  
onWindowAttributesChanged, onWindowFocusChanged, onWindowStartingActionMode,  
onWindowStartingActionMode, openContextMenu, overridePendingTransition,  
postponeEnterTransition, recreate, registerForContextMenu, releaseInstance,  
removeDialog, reportFullyDrawn, requestDragAndDropPermissions, requestPermissions,  
requestShowKeyboardShortcuts, requestVisibleBehind, requestWindowFeature,
```

```
requireViewById, runOnUiThread, setActionBar, setContentTransitionManager,
setDefaultKeyMode, setEnterSharedElementCallback, setExitSharedElementCallback,
setFeatureDrawable, setFeatureDrawableAlpha, setFeatureDrawableResource,
setFeatureDrawableUri, setFinishOnTouchOutside, setImmersive, setIntent,
setMediaController, setPictureInPictureParams, setProgress,
setProgressBarIndeterminate, setProgressBarIndeterminateVisibility,
setProgressBarVisibility, setRequestedOrientation, setResult, setResult,
setSecondaryProgress, setShowWhenLocked, setTaskDescription, setTitle, setTitle,
setTitleColor, setTurnScreenOn, setVisible, setVolumeControlStream,
setVrModeEnabled, shouldShowRequestPermissionRationale, shouldUpRecreateTask,
showAssist, showDialog, showDialog, showLockTaskEscapeMessage, startActionMode,
startActionMode, startActivities, startActivities, startActivity, startActivity,
startActivityFromChild, startActivityFromChild, startActivityFromFragment,
startActivityFromFragment, startActivityForResultIfNeeded, startActivityForResultIfNeeded,
startIntentSender, startIntentSender, startIntentSenderFromChild,
startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask,
startManagingCursor, startNextMatchingActivity, startNextMatchingActivity,
startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask,
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu
```

Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, getAssets, getTheme
```

Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission, checkCallingOrSelfUriPermission,
checkCallingPermission, checkCallingUriPermission, checkPermission,
checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper,
createConfigurationContext, createContextForSplit,
createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,
databaseList, deleteDatabase, deleteFile, deleteSharedPreferences,
enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission,
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,
getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir,
getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir,
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,
getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainExecutor,
getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,
getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences,
getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight,
getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage,
isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,
openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper,
registerReceiver, registerReceiver, registerReceiver, registerReceiver,
removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission,
revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser,
sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast,
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,
```

```
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,  
setWallpaper, startForegroundService, startInstrumentation, startService,  
stopService, unbindService, unregisterReceiver
```

Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString, getSystemService,  
getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,  
obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,  
wait, wait
```

Methods inherited from interface android.view.Window.Callback

```
onPointerCaptureChanged
```

Field Detail

books

```
public FirebaseUtil books
```

Constructor Detail

EditBookActivity

```
public EditBookActivity()
```

Method Detail

onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Initializes the view.

Overrides:

```
onCreate in class android.support.v7.app.AppCompatActivity
```

Parameters:

savedInstanceState -

onActivityResult

```
protected void onActivityResult(int requestCode,
                               int resultCode,
                               @Nullable
                               android.content.Intent data)
```

Overrides:

onActivityResult in class android.support.v4.app.FragmentActivity

onOptionsItemSelected

```
public boolean onOptionsItemSelected(android.view.MenuItem item)
```

For when the navigation item was selected.

Overrides:

onOptionsItemSelected in class android.app.Activity

Parameters:

item -

Returns:

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED | FIELD | CONSTR | METHOD](#) [DETAIL: FIELD | CONSTR | METHOD](#)

ca.ualberta.c301w19t14.onebook

Class EditProfileTest

java.lang.Object
 ca.ualberta.c301w19t14.onebook.EditProfileTest

```
public class EditProfileTest
extends java.lang.Object
```

This tests checks to see if a user can edit details on his/her profile

Author:

CMPUT301 Team14

Field Summary

Fields

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<MainActivity>	activityRule
boolean	complete
java.lang.String	email
java.lang.String	name1
java.lang.String	name2
java.lang.String	password

Constructor Summary

Constructors

Constructor and Description
<code>EditProfileTest()</code>

Method Summary

All Methods**Instance Methods****Concrete Methods**

Modifier and Type	Method and Description
void	<code>init()</code>
void	<code>StartMyAccountFragment()</code>
void	<code>TestEditProfile()</code>

Methods inherited from class java.lang.Object

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`

Field Detail

complete

`public boolean complete`

email

`public java.lang.String email`

name1

`public java.lang.String name1`

name2

`public java.lang.String name2`

password

`public java.lang.String password`

activityRule

`public androidx.test.rule.ActivityTestRule<MainActivity> activityRule`

Constructor Detail

EditProfileTest

```
public EditProfileTest()
```

Method Detail

init

```
public void init()
```

TestEditProfile

```
public void TestEditProfile()
    throws java.lang.InterruptedException
```

Throws:

```
java.lang.InterruptedException
```

StartMyAccountFragment

```
public void StartMyAccountFragment()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.activities

Class EditUserActivity

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.view.ContextThemeWrapper
                android.app.Activity
                    android.support.v4.app.SupportActivity
                        android.support.v4.app.FragmentActivity
                            android.support.v7.app.AppCompatActivity
                                ca.ualberta.c301w19t14.onebook.activities.EditUserActivity
```

All Implemented Interfaces:

```
android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator,
android.support.v4.app.TaskStackBuilder.SupportParentable,
android.support.v4.view.KeyEventDispatcher.Component,
android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback, android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback
```

```
public class EditUserActivity
extends android.support.v7.app.AppCompatActivity
```

This class allows a user to edit their account information.

Version:

1.0

Author:

CMPUT301 Team14: Natalie H, Oran R, Anastasia B

See Also:

{@link #onOptionsItemSelected()}

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

android.support.v4.app.SupportActivity.ExtraData

Field Summary

Fields inherited from class android.app.Activity

```
DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL,  
DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET,  
RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK
```

Fields inherited from class android.content.Context

```
ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,  
APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,  
BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,  
BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,  
BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,  
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,  
COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,  
CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,  
CROSS_PROFILE_APPS_SERVICE, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE,  
DOWNLOAD_SERVICE, DROPBOX_SERVICE, EUICC_SERVICE, FINGERPRINT_SERVICE,  
HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, IPSEC_SERVICE,  
JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,  
LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,  
MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,  
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS,  
MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE,  
NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,  
RECEIVER_VISIBLE_TO_INSTANT_APPS, RESTRICTIONS_SERVICE, SEARCH_SERVICE,  
SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, STORAGE_STATS_SERVICE,  
SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE,  
TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_CLASSIFICATION_SERVICE,  
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,  
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE,  
WIFI_AWARE_SERVICE, WIFI_P2P_SERVICE, WIFI_RTT_RANGING_SERVICE, WIFI_SERVICE,  
WINDOW_SERVICE
```

Fields inherited from interface android.content.ComponentCallbacks2

```
TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,  
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,  
TRIM_MEMORY_UI_HIDDEN
```

Constructor Summary

Constructors

Constructor and Description

`EditUserActivity()`

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
protected void	<code>onActivityResult(int requestCode, int resultCode, android.content.Intent data)</code>
protected void	<code>onCreate(android.os.Bundle savedInstanceState)</code>

Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, closeOptionsMenu, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onKeyDown, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionBar, openOptionsMenu, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionBar, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getLifecycle, getSupportFragmentManager, getSupportFragmentManager, getSupportLoaderManager, getViewModelStore, onAttachFragment, onBackPressed, onCreatePanelMenu, onCreateView, onCreateView, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, startActivityForResultForResult, startActivityForResultForResult, startActivityForResultFromFragment, startActivityForResultFromFragment, startIntentSenderForResult, startIntentSenderForResult, startIntentSenderFromFragment, supportFinishAfterTransition, supportPostponeEnterTransition, supportStartPostponedEnterTransition, validateRequestPermissionsRequestCode

Methods inherited from class android.support.v4.app.SupportActivity

dispatchKeyShortcutEvent, getExtraData, putExtraData, superDispatchKeyEvent

Methods inherited from class android.app.Activity

attachBaseContext, closeContextMenu, createPendingResult, dismissDialog,
dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent,
dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent,
enterPictureInPictureMode, enterPictureInPictureMode, finish, finishActivity,
finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask,
finishFromChild, getActionBar, getApplication, getCallingActivity,
getCallingPackage, getChangingConfigurations, getComponentName, getContentScene,
getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent,
getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager,
getLocalClassName, getMaxNumPictureInPictureActions, getMediaController, getParent,
getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation,
getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor,
getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager,
hasWindowFocus, isActivityTransitionRunning, isChangingConfigurations, isChild,
isDestroyed, isFinishing, isImmersive, isInMultiWindowMode,
isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot,
isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack,
navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted,
onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment,
onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate,
onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog,
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,
onGenericMotionEvent, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp,
onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped,
onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild,
onOptionsItemSelected, onOptionsMenuClosed, onPictureInPictureModeChanged,
onPostCreate, onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,
onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,
onProvideKeyboardShortcuts, onProvideReferrer, onRestart, onRestoreInstanceState,
onRestoreInstanceState, onSaveInstanceState, onSearchRequested, onSearchRequested,
onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,
onVisibleBehindCanceled, onWindowAttributesChanged, onWindowFocusChanged,
onWindowStartingActionMode, onWindowStartingActionMode, openContextMenu,
overridePendingTransition, postponeEnterTransition, recreate,
registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn,
requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts,
requestVisibleBehind, requestWindowFeature, requireViewById, runOnUiThread,
setActionBar, setContentTransitionManager, setDefaultKeyMode,
setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable,
setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri,
setFinishOnTouchOutside, setImmersive, setIntent, setMediaController,
setPictureInPictureParams, setProgress, setProgressBarIndeterminate,
setProgressBarIndeterminateVisibility, setProgressBarVisibility,
setRequestedOrientation, setResult, setResult, setSecondaryProgress,
setShowWhenLocked, setTaskDescription, setTitle, setTitle, setTitleColor,
setTurnScreenOn, setVisible, setVolumeControlStream, setVrModeEnabled,

```
shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog,  
showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode,  
startActivities, startActivities, startActivity, startActivity,  
startActivityFromChild, startActivityFromChild, startActivityFromFragment,  
startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded,  
startIntentSender, startIntentSender, startIntentSenderFromChild,  
startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask,  
startManagingCursor, startNextMatchingActivity, startNextMatchingActivity,  
startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask,  
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu
```

Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, getAssets, getTheme
```

Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission, checkCallingOrSelfUriPermission,  
checkCallingPermission, checkCallingUriPermission, checkPermission,  
checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper,  
createConfigurationContext, createContextForSplit,  
createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,  
databaseList, deleteDatabase, deleteFile, deleteSharedPreferences,  
enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission,  
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,  
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,  
getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir,  
getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir,  
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,  
getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainExecutor,  
getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,  
getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences,  
getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight,  
getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage,  
isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,  
openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper,  
registerReceiver, registerReceiver, registerReceiver, registerReceiver,  
removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission,  
revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser,  
sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast,  
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,  
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,  
setWallpaper, startForegroundService, startInstrumentation, startService,  
stopService, unbindService, unregisterReceiver
```

Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString, getSystemService,  
getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,  
obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks
```

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface android.view.Window.Callback

onPointerCaptureChanged

Constructor Detail

EditUserActivity

public EditUserActivity()

Method Detail

onCreate

protected void onCreate(android.os.Bundle savedInstanceState)

Overrides:

onCreate in class android.support.v7.app.AppCompatActivity

onActivityResult

protected void onActivityResult(int requestCode,
 int resultCode,
 @Nullable
 android.content.Intent data)

Overrides:

onActivityResult in class android.support.v4.app.FragmentActivity

Parameters:

requestCode -

resultCode -

data -

ca.ualberta.c301w19t14.onebook

Class ExampleUnitTest

java.lang.Object
ca.ualberta.c301w19t14.onebook.ExampleUnitTest

```
public class ExampleUnitTest
extends java.lang.Object
```

Example local unit test, which will execute on the development machine (host).

See Also:

Testing documentation

Constructor Summary

Constructors

Constructor and Description

`ExampleUnitTest()`

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type

Method and Description

void

`addition_isCorrect()`

Methods inherited from class java.lang.Object

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Constructor Detail

ExampleUnitTest

```
public ExampleUnitTest()
```

Method Detail

addition_isCorrect

```
public void addition_isCorrect()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | FIELD | [CONSTR](#) | [METHOD](#) DETAIL: FIELD | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.util

Class FirebaseUtil

java.lang.Object
 ca.ualberta.c301w19t14.onebook.util.FirebaseUtil

```
public class FirebaseUtil
extends java.lang.Object
```

Field Summary

Fields

Modifier and Type	Field and Description
boolean	<code>data_loaded</code>

Constructor Summary

Constructors

Constructor and Description
<code>FirebaseUtil(java.lang.String table)</code>

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
<code>java.util.ArrayList<Book></code>	<code>getAllBooks()</code>
<code>java.util.ArrayList<Request></code>	<code>getAllRequests()</code>
<code>com.google.firebaseio.database.DataSnapshot</code>	<code>getData()</code>
boolean	<code>isNull()</code>

Methods inherited from class java.lang.Object

`clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,`

wait, wait

Field Detail

data_loaded

```
public boolean data_loaded
```

Constructor Detail

FirebaseUtil

```
public FirebaseUtil(java.lang.String table)
```

Method Detail

getAllRequests

```
public java.util.ArrayList<Request> getAllRequests()
```

getAllBooks

```
public java.util.ArrayList<Book> getAllBooks()
```

isNull

```
public boolean isNull()
```

getData

```
public com.google.firebaseio.database.DataSnapshot getData()
```

SUMMARY: NESTED | FIELD | CONSTR | METHOD

DETAIL: FIELD | CONSTR | METHOD

ca.ualberta.c301w19t14.onebook

Class Globals

java.lang.Object
ca.ualberta.c301w19t14.onebook.Globals

```
public class Globals
extends java.lang.Object
```

This class saves some Firebase attributes.

Version:

1.0

Author:

CMPUT301 Team14: Dustin M

Field Summary

Fields

Modifier and Type	Field and Description
<code>FirebaseUtil</code>	<code>books</code>
<code>FirebaseUtil</code>	<code>chatlist</code>
<code>FirebaseUtil</code>	<code>chats</code>
<code>FirebaseUtil</code>	<code>notifications</code>
<code>FirebaseUtil</code>	<code>requests</code>
<code>com.google.firebaseio.auth.FirebaseAuth</code>	<code>user</code>
<code>FirebaseUtil</code>	<code>users</code>

Constructor Summary

Constructors

Constructor and Description
<code>Globals()</code>

Method Summary

[All Methods](#)[Static Methods](#)[Instance Methods](#)[Concrete Methods](#)

Modifier and Type

Method and Description

static User**getCurrentUser()**

Get the current user that is log on in the app

static Globals**getInstance()****void****initFirebaseUtil()**

Initializes Firebase utility for the data paths.

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

books

```
public FirebaseUtil books
```

requests

```
public FirebaseUtil requests
```

users

```
public FirebaseUtil users
```

notifications

```
public FirebaseUtil notifications
```

chats

```
public FirebaseUtil chats
```

chatlist

```
public FirebaseUtil chatlist
```

user

```
public com.google.firebaseio.auth.FirebaseAuth user
```

Constructor Detail

Globals

```
public Globals()
```

Method Detail

initFirebaseUtil

```
public void initFirebaseUtil()
```

Initializes Firebase utility for the data paths.

getInstance

```
public static Globals getInstance()
```

Returns:

instance

getCurrentUser

```
public static User getCurrentUser()
```

Get the current user that is log on in the app

Returns:

logged in user

[PREV CLASS](#) [NEXT CLASS](#)[FRAMES](#) [NO FRAMES](#)[ALL CLASSES](#)SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#)DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.fragments

Class LendingFragment

java.lang.Object
 android.support.v4.app.Fragment
 ca.ualberta.c301w19t14.onebook.fragments.LendingFragment

All Implemented Interfaces:

android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.view.View.OnCreateContextMenuListener

```
public class LendingFragment  
extends android.support.v4.app.Fragment
```

This fragment shows a list of the current books a user owns.

Version:

1.0

Author:

CMPUT301 Team14: Ana B, Dimitri T

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.Fragment

```
android.support.v4.app.Fragment.InstantiationException,  
android.support.v4.app.Fragment.SavedState
```

Constructor Summary

Constructors

Constructor and Description

[LendingFragment \(\)](#)

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
void	onCreateOptionsMenu (android.view.Menu menu, android.view.MenuInflater inflater) Creates the options menu (top right).
android.view.View	onCreateView (android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState) Initializes the view.
boolean	onOptionsItemSelected (android.view.MenuItem item) Handles selecting an options menu item.
void	onResume () Called when Fragment is resumed.

Methods inherited from class android.support.v4.app.Fragment

dump, equals, getActivity, getAllowEnterTransitionOverlap, getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext, getEnterTransition, getExitTransition, getFragmentManager, getHost, getId, getLayoutInflater, getLayoutInflater, getLifecycle, getLoaderManager, getParentFragment, getReenterTransition, getResources, getRetainInstance, getReturnTransition, getSharedElementEnterTransition, getSharedElementReturnTransition, getString, getString, getTag, getTargetFragment, getTargetRequestCode, getText, getUserVisibleHint, getView, getViewLifecycleOwner, getViewLifecycleOwnerLiveData, getViewModelStore, hashCode, hasOptionsMenu, instantiate, instantiate, isAdded, isDetached, isHidden, isInLayout, isMenuVisible, isRemoving, isResumed, isStateSaved, isVisible, onActivityCreated, onActivityResult, onAttach, onAttach, onAttachFragment, onConfigurationChanged, onContextItemSelected, onCreate, onCreateAnimation, onCreateAnimator, onCreateOptionsMenu, onDestroy, onDestroyOptionsMenu, onDestroyView, onDetach, onGetLayoutInflater, onHiddenChanged, onInflate, onInflate, onLowMemory, onMultiWindowModeChanged, onOptionsMenuClosed, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onRequestPermissionsResult, onSaveInstanceState, onStart, onStop, onViewCreated, onViewStateRestored, postponeEnterTransition, registerForContextMenu, requestPermissions, requireActivity, requireContext, requireFragmentManager, requireHost, setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap, setArguments, setEnterSharedElementCallback, setEnterTransition, setExitSharedElementCallback, setExitTransition, setHasOptionsMenu, setInitialSavedState, setMenuVisibility, setReenterTransition, setRetainInstance, setReturnTransition, setSharedElementEnterTransition, setSharedElementReturnTransition, setTargetFragment, setUserVisibleHint, shouldShowRequestPermissionRationale, startActivity, startActivity, startActivityForResult, startActivityForResult, startIntentSenderForResult, startPostponedEnterTransition, toString, unregisterForContextMenu

Methods inherited from class java.lang.Object

clone, finalize, getClass, notify, notifyAll, wait, wait, wait

Constructor Detail

LendingFragment

```
public LendingFragment()
```

Method Detail

onCreateView

Initializes the view.

Overrides:

onCreateView in class android.support.v4.app.Fragment

Parameters:

inflater - LayoutInflator

container - ViewGroup

savedInstanceState - Bundle

Returns:

View layout view

See Also:

```
this.loadData()
```

onResume

```
public void onResume()
```

Called when Fragment is resumed. It rehydrates the data.

Overrides:

onResume in class android.support.v4.app.Fragment

onCreateOptionsMenu

Creates the options menu (top right).

Overrides:

onCreateOptionsMenu in class android.support.v4.app.Fragment

Parameters:

menu - options menu

inflater - MenuInflater

onOptionsItemSelected

```
public boolean onOptionsItemSelected(android.view.MenuItem item)
```

Handles selecting an options menu item.

Overrides:

onOptionsItemSelected in class android.support.v4.app.Fragment

Parameters:

item - android id of the item clicked

Returns:

boolean if the item was handled or not

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.models

Class Location

java.lang.Object
ca.ualberta.c301w19t14.onebook.models.Location

```
public class Location
extends java.lang.Object
```

This class is mainly used to abstract location data for book pickup.

Version:

1.0

Author:

CMPUT301 Team14: Dimitri T

See Also:

MapsActivity

Constructor Summary

Constructors

Constructor and Description

[Location\(\)](#)

Empty constructor for Firebase.

[Location\(java.lang.String address, double lat, double lng\)](#)

Create a new location record with address and LatLng.

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type

Method and Description

java.lang.String

[getAddress\(\)](#)

Get the address.

double

[getLat\(\)](#)

Get the lat.

```
double           getLng()
Get the lng.

void            setAddress(java.lang.String address)
Set the address.

void            setLat(double lat)
Set the lat.

void            setLng(double lng)
Set the lng.
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,
wait, wait
```

Constructor Detail

Location

```
public Location()
```

Empty constructor for Firebase.

Location

```
public Location(java.lang.String address,
                double lat,
                double lng)
```

Create a new location record with address and LatLng.

Parameters:

address - human formatted address
lat - latitude
lng - longitude

Method Detail

setAddress

```
public void setAddress(java.lang.String address)
```

Set the address.

Parameters:

address - human formatted address

setLat

```
public void setLat(double lat)
```

Set the lat.

Parameters:

lat - latitude

setLng

```
public void setLng(double lng)
```

Set the lng.

Parameters:

lng - longitude

getAddress

```
public java.lang.String getAddress()
```

Get the address.

Returns:

address

getLat

```
public double getLat()
```

Get the lat.

Returns:

lat

getLng

```
public double getLng()
```

Get the lng.

Returns:

lng

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | FIELD | CONSTR | METHOD [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook

Class LocationTest

java.lang.Object
ca.ualberta.c301w19t14.onebook.LocationTest

```
public class LocationTest
extends java.lang.Object
```

Constructor Summary

Constructors

Constructor and Description

`LocationTest()`

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type Method and Description

void `init()`

void `test_Address()`

void `test_location_lat()`

void `test_location_lng()`

void `test_set_lat()`

void `test_set_lng()`

void `test_streetAddress()`

Methods inherited from class java.lang.Object

`clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait`

Constructor Detail

LocationTest

```
public LocationTest()
```

Method Detail

init

```
public void init()
```

test_location_lat

```
public void test_location_lat()
```

test_location_lng

```
public void test_location_lng()
```

test_Address

```
public void test_Address()
```

test_set_lat

```
public void test_set_lat()
```

test_set_lng

```
public void test_set_lng()
```

test_streetAddress

```
public void test_streetAddress()
```

[PREV CLASS](#) [NEXT CLASS](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

SUMMARY: NESTED | FIELD | CONSTR | METHOD DETAIL: FIELD | CONSTR | METHOD

ca.ualberta.c301w19t14.onebook

Class LoginScreenTest

java.lang.Object
 ca.ualberta.c301w19t14.onebook.LoginScreenTest

```
public class LoginScreenTest
extends java.lang.Object
```

This test makes sure that a user can log in through the Firebase login pages by entering valid login credentials

Author:

CMPUT301 Team14

Field Summary

Fields

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<UserLoginActivity>	activityRule
java.lang.String	actual_name
java.lang.String	check_name
boolean	complete
java.lang.String	email
Globals	globals
java.lang.String	password

Constructor Summary

Constructors

Constructor and Description
<code>LoginScreenTest()</code>

Method Summary

All Methods**Static Methods****Instance Methods****Concrete Methods**

Modifier and Type	Method and Description
void	<code>CheckLoginScreen()</code>
void	<code>init()</code>
static org.hamcrest.Matcher<android.view.View>	<code>nthChildOf(org.hamcrest.Matcher<android.view.View> parentMatcher, int childPosition)</code>

Methods inherited from class java.lang.Object

`clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait`

Field Detail

complete

```
public boolean complete
```

globals

```
public Globals globals
```

email

```
public java.lang.String email
```

password

```
public java.lang.String password
```

check_name

```
public java.lang.String check_name
```

actual_name

```
public java.lang.String actual_name
```

activityRule

```
public androidx.test.rule.ActivityTestRule<UserLoginActivity> activityRule
```

Constructor Detail

LoginScreenTest

```
public LoginScreenTest()
```

Method Detail

init

```
public void init()
```

CheckLoginScreen

```
public void CheckLoginScreen()
```

```
throws java.lang.InterruptedException
```

Throws:

```
java.lang.InterruptedException
```

nthChildOf

```
public  
static org.hamcrest.Matcher<android.view.View> nthChildOf(org.hamcrest.Matcher<android.view.View> parentMatcher,  
                                         int childPosition)
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook

Class LogoutLogin

java.lang.Object
ca.ualberta.c301w19t14.onebook.LogoutLogin

```
public class LogoutLogin
extends java.lang.Object
```

This is a quick test to make sure that the user can log out and subsequently log in with valid login credentials using FirebaseAuth

Author:

CMPUT301 Team14

Field Summary

Fields

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<EditUserActivity>	activityRule
java.lang.String	actual_name
java.lang.String	check_name
boolean	complete
java.lang.String	email
java.lang.String	password

Constructor Summary

Constructors

Constructor and Description
LogoutLogin()

Method Summary

[All Methods](#)[Instance Methods](#)[Concrete Methods](#)**Modifier and Type****Method and Description**

void

[CheckLogoutLogin\(\)](#)**Methods inherited from class java.lang.Object**

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait

Field Detail**complete**

```
public boolean complete
```

email

```
public java.lang.String email
```

password

```
public java.lang.String password
```

check_name

```
public java.lang.String check_name
```

actual_name

```
public java.lang.String actual_name
```

activityRule

```
public androidx.test.rule.ActivityTestRule<EditUserActivity> activityRule
```

Constructor Detail**LogoutLogin**

```
public LogoutLogin()
```

Method Detail

CheckLogoutLogin

```
public void CheckLogoutLogin()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.activities

Class MainActivity

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.view.ContextThemeWrapper
                android.app.Activity
                    android.support.v4.app.SupportActivity
                        android.support.v4.app.FragmentActivity
                            android.support.v7.app.AppCompatActivity
                                ca.ualberta.c301w19t14.onebook.activities.MainActivity
```

All Implemented Interfaces:

```
android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.support.design.widget.NavigationView.OnNavigationItemSelectedListener,
android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator,
android.support.v4.app.TaskStackBuilder.SupportParentable,
android.support.v4.view.KeyEventDispatcher.Component,
android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback, android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback
```

```
public class MainActivity
extends android.support.v7.app.AppCompatActivity
implements android.support.design.widget.NavigationView.OnNavigationItemSelectedListener
```

This class implements the main functionality of the app. From this class, the navigation bar can be used and all of the fragments can be accessed.

Version:

1.0

Author:

CMPUT301 Team14: Dimitri T, Anastasia B, Natalie H.

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

```
android.support.v4.app.SupportActivity.ExtraData
```

Field Summary

Fields inherited from class android.app.Activity

DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL,
DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET,
RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK

Fields inherited from class android.content.Context

ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,
APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,
BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,
BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,
BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,
CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,
CROSS_PROFILE_APPS_SERVICE, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE,
DOWNLOAD_SERVICE, DROPBOX_SERVICE, EUICC_SERVICE, FINGERPRINT_SERVICE,
HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, IPSEC_SERVICE,
JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,
LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,
MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS,
MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE,
NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,
RECEIVER_VISIBLE_TO_INSTANT_APPS, RESTRICTIONS_SERVICE, SEARCH_SERVICE,
SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, STORAGE_STATS_SERVICE,
SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE,
TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_CLASSIFICATION_SERVICE,
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE,
WIFI_AWARE_SERVICE, WIFI_P2P_SERVICE, WIFI_RTT_RANGING_SERVICE, WIFI_SERVICE,
WINDOW_SERVICE

Fields inherited from interface android.content.ComponentCallbacks2

TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,
TRIM_MEMORY_UI_HIDDEN

Constructor Summary

Constructors

Constructor and Description

`MainActivity()`

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
void	<code>onBackPressed()</code> For when the back button is pressed and dependent on the drawer state.
protected void	<code>onCreate(android.os.Bundle savedInstanceState)</code>
boolean	<code>onCreateOptionsMenu(android.view.Menu menu)</code>
boolean	<code>onNavigationItemSelected(android.view.MenuItem item)</code>
boolean	<code>onOptionsItemSelected(android.view.MenuItem item)</code>
protected void	<code>onResume()</code>

Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, closeOptionsMenu, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onKeyDown, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, openOptionsMenu, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getLifecycle, getSupportFragmentManager, getSupportLoaderManager, getViewModelStore, onActivityResult, onAttachFragment, onCreatePanelMenu, onCreateView, onCreateView, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsPanel, onPreparePanel, onRequestPermissionsResult, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, startActivityForResult, startActivityForResult, startActivityFromFragment,

```
startActivityFromFragment, startIntentSenderForResult, startIntentSenderForResult,
startIntentSenderFromFragment, supportFinishAfterTransition,
supportPostponeEnterTransition, supportStartPostponedEnterTransition,
validateRequestPermissionsRequestCode
```

Methods inherited from class android.support.v4.app.SupportActivity

```
dispatchKeyShortcutEvent, getExtraData, putExtraData, superDispatchKeyEvent
```

Methods inherited from class android.app.Activity

```
attachBaseContext, closeContextMenu, createPendingResult, dismissDialog,
dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent,
dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent,
enterPictureInPictureMode, enterPictureInPictureMode, finish, finishActivity,
finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask,
finishFromChild, getActionBar, getApplication, getCallingActivity,
getCallingPackage, getChangingConfigurations, getComponentName, getContentScene,
getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent,
getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager,
getLocalClassName, getMaxNumPictureInPictureActions, getMediaController, getParent,
getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation,
getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor,
getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager,
hasWindowFocus, isActivityTransitionRunning, isChangingConfigurations, isChild,
isDestroyed, isFinishing, isImmersive, isInMultiWindowMode,
isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot,
isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack,
navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted,
onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment,
onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate,
onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog,
onCreateNavigateUpTaskStack, onCreatePanelView, onCreateThumbnail,
onDetachedFromWindow, onEnterAnimationComplete, onGenericMotionEvent,
onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp,
onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped,
onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild, onOptionsMenuClosed,
onPictureInPictureModeChanged, onPostCreate, onPrepareDialog, onPrepareDialog,
onPrepareNavigateUpTaskStack, onPrepareOptionsMenu, onProvideAssistContent,
onProvideAssistData, onProvideKeyboardShortcuts, onProvideReferrer, onRestart,
onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState,
onSearchRequested, onSearchRequested, onTouchEvent, onTrackballEvent, onTrimMemory,
onUserInteraction, onUserLeaveHint, onVisibleBehindCanceled,
onWindowAttributesChanged, onWindowFocusChanged, onWindowStartingActionMode,
onWindowStartingActionMode, openContextMenu, overridePendingTransition,
postponeEnterTransition, recreate, registerForContextMenu, releaseInstance,
removeDialog, reportFullyDrawn, requestDragAndDropPermissions, requestPermissions,
requestShowKeyboardShortcuts, requestVisibleBehind, requestWindowFeature,
requireViewById, runOnUiThread, setActionBar, setContentTransitionManager,
setDefaultKeyMode, setEnterSharedElementCallback, setExitSharedElementCallback,
```

```
setFeatureDrawable, setFeatureDrawableAlpha, setFeatureDrawableResource,
setFeatureDrawableUri, setFinishOnTouchOutside, setImmersive, setIntent,
setMediaController, setPictureInPictureParams, setProgress,
setProgressBarIndeterminate, setProgressBarIndeterminateVisibility,
setProgressBarVisibility, setRequestedOrientation, setResult, setResult,
setSecondaryProgress, setShowWhenLocked, setTaskDescription, setTitle, setTitle,
setTitleColor, setTurnScreenOn, setVisible, setVolumeControlStream,
setVrModeEnabled, shouldShowRequestPermissionRationale, shouldUpRecreateTask,
showAssist, showDialog, showDialog, showLockTaskEscapeMessage, startActionMode,
startActionMode, startActivities, startActivities, startActivity, startActivity,
startActivityFromChild, startActivityFromChild, startActivityFromFragment,
startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded,
startIntentSender, startIntentSender, startIntentSenderFromChild,
startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask,
startManagingCursor, startNextMatchingActivity, startNextMatchingActivity,
startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask,
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu
```

Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, getAssets, getTheme
```

Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission, checkCallingOrSelfUriPermission,
checkCallingPermission, checkCallingUriPermission, checkPermission,
checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper,
createConfigurationContext, createContextForSplit,
createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,
databaseList, deleteDatabase, deleteFile, deleteSharedPreferences,
enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission,
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,
getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir,
getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir,
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,
getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainExecutor,
getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,
getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences,
getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight,
getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage,
isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,
openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper,
registerReceiver, registerReceiver, registerReceiver, registerReceiver,
removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission,
revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser,
sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast,
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,
setWallpaper, startForegroundService, startInstrumentation, startService,
```

```
stopService, unbindService, unregisterReceiver
```

Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString, getSystemService,  
getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,  
obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,  
wait, wait
```

Methods inherited from interface android.view.Window.Callback

```
onPointerCaptureChanged
```

Constructor Detail

MainActivity

```
public MainActivity()
```

Method Detail

onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Overrides:

```
onCreate in class android.support.v7.app.AppCompatActivity
```

onResume

```
protected void onResume()
```

Overrides:

```
onResume in class android.support.v4.app.FragmentActivity
```

onCreateOptionsMenu

```
public boolean onCreateOptionsMenu(android.view.Menu menu)
```

Overrides:

```
onCreateOptionsMenu in class android.app.Activity
```

onOptionsItemSelected

```
public boolean onOptionsItemSelected(android.view.MenuItem item)
```

Overrides:

```
onOptionsItemSelected in class android.app.Activity
```

onNavigationItemSelected

```
public boolean onNavigationItemSelected(android.view.MenuItem item)
```

Specified by:

```
onNavigationItemSelected in  
interface android.support.design.widget.NavigationView.OnNavigationItemSelectedListener
```

onBackPressed

```
public void onBackPressed()
```

For when the back button is pressed and dependent on the drawer state.

Overrides:

```
onBackPressed in class android.support.v4.app.FragmentActivity
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.activities

Class MapsActivity

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.view.ContextThemeWrapper
                android.app.Activity
                    android.support.v4.app.SupportActivity
                    android.support.v4.app.FragmentActivity
                    android.support.v7.app.AppCompatActivity
                    ca.ualberta.c301w19t14.onebook.activities.MapsActivity
```

All Implemented Interfaces:

```
android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator,
android.support.v4.app.TaskStackBuilder.SupportParentable,
android.support.v4.view.KeyEventDispatcher.Component,
android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback, android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback,
com.google.android.gms.maps.OnMapReadyCallback
```

```
public class MapsActivity
extends android.support.v7.app.AppCompatActivity
implements com.google.android.gms.maps.OnMapReadyCallback
```

This class will set/view the pickup location on a Google Maps instance.

Version:

1.0

Author:

CMPUT301 Team14: Dimitri T

See Also:

RequestsAdapter.RequestsViewHolder

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

Field Summary

Fields inherited from class android.app.Activity

DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL,
DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET,
RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK

Fields inherited from class android.content.Context

ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,
APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,
BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,
BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,
BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,
CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,
CROSS_PROFILE_APPS_SERVICE, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE,
DOWNLOAD_SERVICE, DROPBOX_SERVICE, EUICC_SERVICE, FINGERPRINT_SERVICE,
HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, IPSEC_SERVICE,
JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,
LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,
MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS,
MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE,
NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,
RECEIVER_VISIBLE_TO_INSTANT_APPS, RESTRICTIONS_SERVICE, SEARCH_SERVICE,
SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, STORAGE_STATS_SERVICE,
SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE,
TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_CLASSIFICATION_SERVICE,
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE,
WIFI_AWARE_SERVICE, WIFI_P2P_SERVICE, WIFI_RTT_RANGING_SERVICE, WIFI_SERVICE,
WINDOW_SERVICE

Fields inherited from interface android.content.ComponentCallbacks2

TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,
TRIM_MEMORY_UI_HIDDEN

Constructor Summary

Constructors

Constructor and Description

MapsActivity()

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
protected void	onCreate (android.os.Bundle savedInstanceState) Initializes the view.
void	onMapReady (com.google.android.gms.maps.GoogleMap googleMap) Options for when the map has been displayed
boolean	onOptionsItemSelected (android.view.MenuItem item)

Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, closeOptionsMenu, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onKeyDown, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, openOptionsMenu, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getLifecycle, getSupportFragmentManager, getSupportLoaderManager, getViewModelStore, onActivityResult, onAttachFragment, onBackPressed, onCreatePanelMenu, onCreateView, onCreateView, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, startActivityForResult, startActivityForResult, startActivityFromFragment, startActivityFromFragment, startIntentSenderForResult, startIntentSenderForResult, startIntentSenderFromFragment, supportFinishAfterTransition, supportPostponeEnterTransition, supportStartPostponedEnterTransition,

```
validateRequestPermissionsRequestCode
```

Methods inherited from class android.support.v4.app.SupportActivity

```
dispatchKeyShortcutEvent, getExtraData, putExtraData, superDispatchKeyEvent
```

Methods inherited from class android.app.Activity

```
attachBaseContext, closeContextMenu, createPendingResult, dismissDialog,  
dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent,  
dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent,  
enterPictureInPictureMode, enterPictureInPictureMode, finish, finishActivity,  
finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask,  
finishFromChild, getActionBar, getApplication, getCallingActivity,  
getCallingPackage, getChangingConfigurations, getComponentName, getContentScene,  
getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent,  
getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager,  
getLocalClassName, getMaxNumPictureInPictureActions, getMediaController, getParent,  
getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation,  
getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor,  
getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager,  
hasWindowFocus, isActivityTransitionRunning, isChangingConfigurations, isChild,  
isDestroyed, isFinishing, isImmersive, isInMultiWindowMode,  
isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot,  
isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack,  
navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted,  
onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment,  
onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate,  
onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog,  
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,  
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,  
onGenericMotionEvent, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp,  
onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped,  
onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild, onOptionsMenuClosed,  
onPictureInPictureModeChanged, onPostCreate, onPrepareDialog, onPrepareDialog,  
onPrepareNavigateUpTaskStack, onPrepareOptionsMenu, onProvideAssistContent,  
onProvideAssistData, onProvideKeyboardShortcuts, onProvideReferrer, onRestart,  
onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState,  
onSearchRequested, onSearchRequested, onTouchEvent, onTrackballEvent, onTrimMemory,  
onUserInteraction, onUserLeaveHint, onVisibleBehindCanceled,  
onWindowAttributesChanged, onWindowFocusChanged, onWindowStartingActionMode,  
onWindowStartingActionMode, openContextMenu, overridePendingTransition,  
postponeEnterTransition, recreate, registerForContextMenu, releaseInstance,  
removeDialog, reportFullyDrawn, requestDragAndDropPermissions, requestPermissions,  
requestShowKeyboardShortcuts, requestVisibleBehind, requestWindowFeature,  
requireViewById, runOnUiThread, setActionBar, setContentTransitionManager,  
setDefaultKeyMode, setEnterSharedElementCallback, setExitSharedElementCallback,  
setFeatureDrawable, setFeatureDrawableAlpha, setFeatureDrawableResource,  
setFeatureDrawableUri, setFinishOnTouchOutside, setImmersive, setIntent,  
setMediaController, setPictureInPictureParams, setProgress,
```

```
setProgressBarIndeterminate, setProgressBarIndeterminateVisibility,  
setProgressBarVisibility, setRequestedOrientation, setResult, setResult,  
setSecondaryProgress, setShowWhenLocked, setTaskDescription, setTitle, setTitle,  
setTitleColor, setTurnScreenOn, setVisible, setVolumeControlStream,  
setVrModeEnabled, shouldShowRequestPermissionRationale, shouldUpRecreateTask,  
showAssist, showDialog, showDialog, showLockTaskEscapeMessage, startActionMode,  
startActionMode, startActivities, startActivities, startActivity, startActivity,  
startActivityFromChild, startActivityFromChild, startActivityFromFragment,  
startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded,  
startIntentSender, startIntentSender, startIntentSenderFromChild,  
startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask,  
startManagingCursor, startNextMatchingActivity, startNextMatchingActivity,  
startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask,  
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu
```

Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, getAssets, getTheme
```

Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission, checkCallingOrSelfUriPermission,  
checkCallingPermission, checkCallingUriPermission, checkPermission,  
checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper,  
createConfigurationContext, createContextForSplit,  
createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,  
databaseList, deleteDatabase, deleteFile, deleteSharedPreferences,  
enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission,  
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,  
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,  
getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir,  
getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir,  
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,  
getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainExecutor,  
getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,  
getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences,  
getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight,  
getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage,  
isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,  
openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper,  
registerReceiver, registerReceiver, registerReceiver, registerReceiver,  
removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission,  
revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser,  
sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast,  
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,  
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,  
setWallpaper, startForegroundService, startInstrumentation, startService,  
stopService, unbindService, unregisterReceiver
```

Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString, getSystemService,  
getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,  
obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,  
wait, wait
```

Methods inherited from interface android.view.Window.Callback

```
onPointerCaptureChanged
```

Constructor Detail

MapsActivity

```
public MapsActivity()
```

Method Detail

onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Initializes the view.

Overrides:

```
onCreate in class android.support.v7.app.AppCompatActivity
```

Parameters:

```
savedInstanceState -
```

onMapReady

```
public void onMapReady(com.google.android.gms.maps.GoogleMap googleMap)
```

Options for when the map has been displayed

Specified by:

```
onMapReady in interface com.google.android.gms.maps.OnMapReadyCallback
```

Parameters:

```
googleMap -
```

onOptionsItemSelected

```
public boolean onOptionsItemSelected(android.view.MenuItem item)
```

Overrides:

onOptionsItemSelected in class android.app.Activity

Parameters:

item -

Returns:

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.activities

Class MessageActivity

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.view.ContextThemeWrapper
                android.app.Activity
                    android.support.v4.app.SupportActivity
                    android.support.v4.app.FragmentActivity
                    android.support.v7.app.AppCompatActivity
                    ca.ualberta.c301w19t14.onebook.activities.MessageActivity
```

All Implemented Interfaces:

```
android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator,
android.support.v4.app.TaskStackBuilder.SupportParentable,
android.support.v4.view.KeyEventDispatcher.Component,
android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback, android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback
```

```
public class MessageActivity
extends android.support.v7.app.AppCompatActivity
```

This class implements the chat view for the messaging functionality of the app. Messages are sent, received, and viewed by this class.

Since:

2019-03-29

Version:

1.1

Author:

CMPUT301 Team14: Jandaile D

See Also:

[MessagingUserAdapter](#)

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

android.support.v4.app.SupportActivity.ExtraData

Field Summary

Fields inherited from class android.app.Activity

DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL,
DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET,
RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK

Fields inherited from class android.content.Context

ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,
APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,
BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,
BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,
BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,
CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,
CROSS_PROFILE_APPS_SERVICE, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE,
DOWNLOAD_SERVICE, DROPBOX_SERVICE, EUICC_SERVICE, FINGERPRINT_SERVICE,
HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, IPSEC_SERVICE,
JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,
LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,
MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS,
MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE,
NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,
RECEIVER_VISIBLE_TO_INSTANT_APPS, RESTRICTIONS_SERVICE, SEARCH_SERVICE,
SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, STORAGE_STATS_SERVICE,
SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE,
TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_CLASSIFICATION_SERVICE,
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE,
WIFI_AWARE_SERVICE, WIFI_P2P_SERVICE, WIFI_RTT_RANGING_SERVICE, WIFI_SERVICE,
WINDOW_SERVICE

Fields inherited from interface android.content.ComponentCallbacks2

TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,
TRIM_MEMORY_UI_HIDDEN

Constructor Summary

Constructors

Constructor and Description

MessageActivity ()

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type

Method and Description

protected void **onCreate (android.os.Bundle savedInstanceState)**

Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, closeOptionsMenu, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onKeyDown, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, openOptionsMenu, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getLifecycle, getSupportFragmentManager, getSupportLoaderManager, getViewModelStore, onActivityResult, onAttachFragment, onBackPressed, onCreatePanelMenu, onCreateView, onCreateView, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, startActivityForResult, startActivityForResult, startActivityFromFragment, startActivityFromFragment, startIntentSenderForResult, startIntentSenderForResult, startIntentSenderFromFragment, supportFinishAfterTransition, supportPostponeEnterTransition, supportStartPostponedEnterTransition, validateRequestPermissionsRequestCode

Methods inherited from class android.support.v4.app.SupportActivity

```
dispatchKeyShortcutEvent, getExtraData, putExtraData, superDispatchKeyEvent
```

Methods inherited from class android.app.Activity

```
attachBaseContext, closeContextMenu, createPendingResult, dismissDialog,  
dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent,  
dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent,  
enterPictureInPictureMode, enterPictureInPictureMode, finish, finishActivity,  
finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask,  
finishFromChild, getActionBar, getApplication, getCallingActivity,  
getCallingPackage, getChangingConfigurations, getComponentName, getContentScene,  
getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent,  
getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager,  
getLocalClassName, getMaxNumPictureInPictureActions, getMediaController, getParent,  
getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation,  
getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor,  
getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager,  
hasWindowFocus, isActivityTransitionRunning, isChangingConfigurations, isChild,  
isDestroyed, isFinishing, isImmersive, isInMultiWindowMode,  
isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot,  
isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack,  
navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted,  
onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment,  
onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate,  
onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog,  
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,  
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,  
onGenericMotionEvent, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp,  
onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped,  
onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild,  
onOptionsItemSelected, onOptionsItemSelectedClosed, onPictureInPictureModeChanged,  
onPostCreate, onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,  
onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,  
onProvideKeyboardShortcuts, onProvideReferrer, onRestart, onRestoreInstanceState,  
onRestoreInstanceState, onSaveInstanceState, onSearchRequested, onSearchRequested,  
onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,  
onVisibleBehindCanceled, onWindowAttributesChanged, onWindowFocusChanged,  
onWindowStartingActionMode, onWindowStartingActionMode, openContextMenu,  
overridePendingTransition, postponeEnterTransition, recreate,  
registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn,  
requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts,  
requestVisibleBehind, requestWindowFeature, requireViewById, runOnUiThread,  
setActionBar, setContentTransitionManager, setDefaultKeyMode,  
setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable,  
setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri,  
setFinishOnTouchOutside, setImmersive, setIntent, setMediaController,  
setPictureInPictureParams, setProgress, setProgressBarIndeterminate,  
setProgressBarIndeterminateVisibility, setProgressBarVisibility,  
setRequestedOrientation, setResult, setResult, setSecondaryProgress,  
setShowWhenLocked, setTaskDescription, setTitle, setTitle, setTitleColor,
```

```
setTurnScreenOn, setVisible, setVolumeControlStream, setVrModeEnabled,  
shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog,  
showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode,  
startActivities, startActivities, startActivity, startActivity,  
startActivityFromChild, startActivityFromChild, startActivityFromFragment,  
startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded,  
startIntentSender, startIntentSender, startIntentSenderFromChild,  
startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask,  
startManagingCursor, startNextMatchingActivity, startNextMatchingActivity,  
startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask,  
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu
```

Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, getAssets, getTheme
```

Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission, checkCallingOrSelfPermission,  
checkCallingPermission, checkCallingUriPermission, checkPermission,  
checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper,  
createConfigurationContext, createContextForSplit,  
createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,  
databaseList, deleteDatabase, deleteFile, deleteSharedPreferences,  
enforceCallingOrSelfPermission, enforceCallingOrSelfPermission,  
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,  
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,  
getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir,  
getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir,  
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,  
getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainExecutor,  
getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,  
getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences,  
getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight,  
getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage,  
isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,  
openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper,  
registerReceiver, registerReceiver, registerReceiver, registerReceiver,  
removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission,  
revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser,  
sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast,  
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,  
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,  
setWallpaper, startForegroundService, startInstrumentation, startService,  
stopService, unbindService, unregisterReceiver
```

Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString, getSystemService,  
getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,
```

```
obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,  
wait, wait
```

Methods inherited from interface android.view.Window.Callback

```
onPointerCaptureChanged
```

Constructor Detail

MessageActivity

```
public MessageActivity()
```

Method Detail

onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Overrides:

```
onCreate in class android.support.v7.app.AppCompatActivity
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY](#): [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL](#): [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.adapters

Class MessageAdapter

java.lang.Object
 android.support.v7.widget.RecyclerView.Adapter<MessageAdapter.ViewHolder>
 ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter

```
public class MessageAdapter
extends android.support.v7.widget.RecyclerView.Adapter<MessageAdapter.ViewHolder>
```

This class is implements the adapter for viewing the chat messages. The messages organized to show which messages are from the sender vs the receiver from this class.

Since:

2019-03-29

Version:

1.0

Author:

jandaile CMPUT 301 team 14

See Also:[MessageActivity](#)

Nested Class Summary

Nested Classes

Modifier and Type	Class and Description
class	MessageAdapter.ViewHolder

Field Summary

Fields

Modifier and Type	Field and Description
static int	MSG_TYPE_LEFT
static int	MSG_TYPE_RIGHT

Constructor Summary

Constructors

Constructor and Description

MessageAdapter(android.content.Context mContext, java.util.List<Chat> mChat)

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
int	<code>getItemCount()</code>
int	<code>getItemViewType(int position)</code> Determines who the message is from.
void	<code>onBindViewHolder(MessageAdapter.ViewHolder viewHolder, int i)</code> Attaches the messages to the view.
<code>MessageAdapter.ViewHolder</code>	<code>onCreateViewHolder(android.view.ViewGroup viewGroup, int viewType)</code> Initializes the view based on the sender and receiver messages.

Methods inherited from class android.support.v7.widget.RecyclerView.Adapter

bindViewHolder, createViewHolder, getItemId, hasObservers, hasStableIds, notifyDataSetChanged, notifyItemChanged, notifyItemChanged, notifyItemInserted, notifyItemMoved, notifyItemRangeChanged, notifyItemRangeChanged, notifyItemRangeInserted, notifyItemRangeRemoved, notifyItemRemoved, onAttachedToRecyclerView, onBindViewHolder, onDetachedFromRecyclerView, onFailedToRecycleView, onViewAttachedToWindow, onViewDetachedFromWindow, onViewRecycled, registerAdapterDataObserver, setHasStableIds, unregisterAdapterDataObserver

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

MSG_TYPE_LEFT

public static final int MSG_TYPE_LEFT

See Also:

Constant Field Values

MSG_TYPE_RIGHT

```
public static final int MSG_TYPE_RIGHT
```

See Also:

Constant Field Values

Constructor Detail**MessageAdapter**

```
public MessageAdapter(android.content.Context mContext,  
                     java.util.List<Chat> mChat)
```

Method Detail**onCreateViewHolder**

```
@NonNull  
public MessageAdapter.ViewHolder onCreateViewHolder(@NonNull  
                                                 android.view.ViewGroup viewGroup,  
                                                 int viewType)
```

Initializes the view based on the sender and receiver messages.

Specified by:

```
onCreateViewHolder in  
class android.support.v7.widget.RecyclerView.Adapter<MessageAdapter.ViewHolder>
```

Parameters:

viewGroup -
viewType -

Returns:**onBindViewHolder**

```
public void onBindViewHolder(@NonNull
```

```
MessageAdapter.ViewHolder viewHolder,  
        int i)
```

Attaches the messages to the view.

Specified by:

```
onBindViewHolder in  
class android.support.v7.widget.RecyclerView.Adapter<MessageAdapter.ViewHolder>
```

Parameters:

```
viewHolder -  
i -
```

getItemCount

```
public int getItemCount()
```

Specified by:

```
getItemCount in  
class android.support.v7.widget.RecyclerView.Adapter<MessageAdapter.ViewHolder>
```

Returns:

```
the total chat size for any tests or checks.
```

getItemViewType

```
public int getItemViewType(int position)
```

Determines who the message is from.

Overrides:

```
getItemViewType in  
class android.support.v7.widget.RecyclerView.Adapter<MessageAdapter.ViewHolder>
```

Parameters:

```
position: - message position in the chat list.
```

Returns:

```
The view type for adapter use.
```

ca.ualberta.c301w19t14.onebook.fragments

Class MessagesFragment

java.lang.Object
 android.support.v4.app.Fragment
 ca.ualberta.c301w19t14.onebook.fragments.MessagesFragment

All Implemented Interfaces:

android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.view.View.OnCreateContextMenuListener

```
public class MessagesFragment
extends android.support.v4.app.Fragment
```

This class implements the Messaging Functionality in different fragments for the app. From this class, the fragments is linked to user and chat fragments. These fragments are held by a ViewPager and have their own methods.

Since:

2019-03-29

Version:

1.0

Author:

jandaile CMPUT 301 team 14

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.Fragment

```
android.support.v4.app.Fragment.InstantiationException,
android.support.v4.app.Fragment.SavedState
```

Constructor Summary

Constructors

Constructor and Description

```
MessagesFragment()
```

Method Summary

[All Methods](#)[Instance Methods](#)[Concrete Methods](#)

Modifier and Type	Method and Description
android.view.View	<code>onCreateView(android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState)</code> Initializes the view.

Methods inherited from class android.support.v4.app.Fragment

dump, equals, getActivity, getAllowEnterTransitionOverlap, getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext, getEnterTransition, getExitTransition, getFragmentManager, getHost, getId, getLayoutInflater, getLayoutInflater, getLifecycle, getLoaderManager, getParentFragment, getReenterTransition, getResources, getRetainInstance, getReturnTransition, getSharedElementEnterTransition, getSharedElementReturnTransition, getString, getString, getTag, getTargetFragment, getTargetRequestCode, getText, getUserVisibleHint, getView, getViewLifecycleOwner, getViewLifecycleOwnerLiveData, getViewModelStore, hashCode, hasOptionsMenu, instantiate, instantiate, isAdded, isDetached, isHidden, isInLayout, isMenuVisible, isRemoving, isResumed, isStateSaved, isVisible, onActivityCreated, onActivityResult, onAttach, onAttach, onAttachFragment, onConfigurationChanged, onContextItemSelected, onCreate, onCreateAnimation, onCreateAnimator, onCreateOptionsMenu, onCreateOptionsMenu, onDestroy, onDestroyOptionsMenu, onDestoryView, onDetach, onGetLayoutInflater, onHiddenChanged, onInflate, onInflate, onLowMemory, onMultiWindowModeChanged, onOptionsItemSelected, onOptionsMenuClosed, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onRequestPermissionsResult, onResume, onSaveInstanceState, onStart, onStop, onViewCreated, onViewStateRestored, postponeEnterTransition, registerForContextMenu, requestPermissions, requireActivity, requireContext, requireFragmentManager, requireHost, setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap, setArguments, setEnterSharedElementCallback, setEnterTransition, setExitSharedElementCallback, setExitTransition, setHasOptionsMenu, setInitialSavedState, setMenuVisibility, setReenterTransition, setRetainInstance, setReturnTransition, setSharedElementEnterTransition, setSharedElementReturnTransition, setTargetFragment, setUserVisibleHint, shouldShowRequestPermissionRationale, startActivity, startActivity, startActivityForResult, startActivityForResult, startIntentSenderForResult, startPostponedEnterTransition, toString, unregisterForContextMenu

Methods inherited from class java.lang.Object

clone, finalize, getClass, notify, notifyAll, wait, wait, wait

Constructor Detail

MessagesFragment

```
public MessagesFragment()
```

Method Detail

onCreateView

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,  
                                     android.view.ViewGroup container,  
                                     android.os.Bundle savedInstanceState)
```

Initializes the view.

Overrides:

onCreateView in class android.support.v4.app.Fragment

Parameters:

inflater -

container -

savedInstanceState -

Returns:

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

[SUMMARY](#): [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL](#): [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook

Class MessageSystemTest

java.lang.Object
ca.ualberta.c301w19t14.onebook.MessageSystemTest

```
public class MessageSystemTest
extends java.lang.Object
```

Example local unit test, which will execute on the development machine (host).

See Also:

Testing documentation

Field Summary

Fields

Modifier and Type	Field and Description
java.lang.String	author
User	bob
java.lang.String	bob_email
java.lang.String	bob_name
java.lang.String	bob_uid
Book	book
Location	calgary
double	calgary_lat
double	calgary_long
java.lang.String	calgary_name
java.lang.String	description
Location	edmonton
double	edmonton_lat
double	edmonton_long
java.lang.String	edmonton_name

long	isbn
MessagingChatsList	messagingSystem
java.util.ArrayList<Request>	req
java.lang.String	status
User	steve
java.lang.String	steve_email
java.lang.String	steve_name
java.lang.String	steve_uid
java.lang.String	title

Constructor Summary

Constructors

Constructor and Description

MessageSystemTest()

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type Method and Description

void **testGetId()**

void **testSetId()**

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

messagingSystem

public MessagingChatsList messagingSystem

steve_uid

```
public java.lang.String steve_uid
```

bob_uid

```
public java.lang.String bob_uid
```

steve_name

```
public java.lang.String steve_name
```

bob_name

```
public java.lang.String bob_name
```

steve_email

```
public java.lang.String steve_email
```

bob_email

```
public java.lang.String bob_email
```

edmonton_name

```
public java.lang.String edmonton_name
```

edmonton_lat

```
public double edmonton_lat
```

edmonton_long

```
public double edmonton_long
```

calgary_name

```
public java.lang.String calgary_name
```

calgary_lat

```
public double calgary_lat
```

calgary_long

```
public double calgary_long
```

isbn

```
public long isbn
```

title

```
public java.lang.String title
```

author

```
public java.lang.String author
```

description

```
public java.lang.String description
```

status

```
public java.lang.String status
```

req

```
public java.util.ArrayList<Request> req
```

steve

```
public User steve
```

bob

```
public User bob
```

edmonton

```
public Location edmonton
```

calgary

```
public Location calgary
```

book

```
public Book book
```

Constructor Detail

MessageSystemTest

```
public MessageSystemTest()
```

Method Detail

testGetId

```
public void testGetId()
```

testSetId

```
public void testSetId()
```

ca.ualberta.c301w19t14.onebook.fragments

Class MessagingChatsFragment

java.lang.Object
 android.support.v4.app.Fragment
 ca.ualberta.c301w19t14.onebook.fragments.MessagingChatsFragment

All Implemented Interfaces:

android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.view.View.OnCreateContextMenuListener

```
public class MessagingChatsFragment
extends android.support.v4.app.Fragment
```

This class implements the Chatlist functionality of the Messaging part of the app. From this class, messages that exist between two users are held then displayed.

Since:

2019-03-29

Version:

1.0

Author:

jandaile CMPUT 301 team 14

See Also:

[MessagesFragment](#)

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.Fragment

```
android.support.v4.app.Fragment.InstantiationException,
android.support.v4.app.Fragment.SavedState
```

Constructor Summary

Constructors

Constructor and Description

[MessagingChatsFragment\(\)](#)

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
android.view.View	onCreateView (android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState) Initializes the view.

Methods inherited from class android.support.v4.app.Fragment

dump, equals, getActivity, getAllowEnterTransitionOverlap,
getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext,
getEnterTransition, getExitTransition, getFragmentManager, getHost, getId,
getLayoutInflater, getLayoutInflater, getLifecycle, getLoaderManager,
getParentFragment, getReenterTransition, getResources, getRetainInstance,
getReturnTransition, getSharedElementEnterTransition,
getSharedElementReturnTransition, getString, getString, getTag, getTargetFragment,
getTargetRequestCode, getText, getUserVisibleHint, getView, getViewLifecycleOwner,
getViewLifecycleOwnerLiveData, getModelStore, hashCode, hasOptionsMenu,
instantiate, instantiate, isAdded, isDetached, isHidden, isInLayout, isMenuVisible,
isRemoving, isResumed, isStateSaved, isVisible, onActivityCreated, onActivityResult,
onAttach, onAttach, onAttachFragment, onConfigurationChanged, onContextItemSelected,
onCreate, onCreateAnimation, onCreateAnimator, onCreateOptionsMenu,
onCreateOptionsMenu, onDestroy, onDestroyOptionsMenu, onDestroyView, onDetach,
onGetLayoutInflater, onHiddenChanged, onInflate, onInflate, onLowMemory,
onMultiWindowModeChanged, onOptionsItemSelected, onOptionsMenuClosed, onPause,
onPictureInPictureModeChanged, onPrepareOptionsMenu, onRequestPermissionsResult,
onResume, onSaveInstanceState, onStart, onStop, onViewCreated, onViewStateRestored,
postponeEnterTransition, registerForContextMenu, requestPermissions,
requireActivity, requireContext, requireFragmentManager, requireHost,
setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap, setArguments,
setEnterSharedElementCallback, setEnterTransition, setExitSharedElementCallback,
setExitTransition, setHasOptionsMenu, setInitialSavedState, setMenuVisibility,
setReenterTransition, setRetainInstance, setReturnTransition,
setSharedElementEnterTransition, setSharedElementReturnTransition,
setTargetFragment, setUserVisibleHint, shouldShowRequestPermissionRationale,
startActivity, startActivityForResult, startActivityForResult,
startIntentSenderForResult, startPostponedEnterTransition, toString,
unregisterForContextMenu

Methods inherited from class java.lang.Object

clone, finalize, getClass, notify, notifyAll, wait, wait, wait

Constructor Detail

MessagingChatsFragment

```
public MessagingChatsFragment()
```

Method Detail

onCreateView

```
public android.view.View onCreateView(@NonNull
                                     android.view.LayoutInflater inflater,
                                     android.view.ViewGroup container,
                                     android.os.Bundle savedInstanceState)
```

Initializes the view.

Overrides:

onCreateView in class android.support.v4.app.Fragment

Parameters:

inflater -

container -

savedInstanceState -

Returns:

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

Hierarchy For All Packages

Package Hierarchies:

ca.ulberta.c301w19t14.onebook, ca.ulberta.c301w19t14.onebook.activities, ca.ulberta.c301w19t14.onebook.adapters, ca.ulberta.c301w19t14.onebook.fragments, ca.ulberta.c301w19t14.onebook.models, ca.ulberta.c301w19t14.onebook.util

Class Hierarchy

- java.lang.Object
 - ca.ulberta.c301w19t14.onebook.AddDeleteBookTest
 - ca.ulberta.c301w19t14.onebook.models.Book
 - ca.ulberta.c301w19t14.onebook.BookTest
 - ca.ulberta.c301w19t14.onebook.BorrowerTests
 - ca.ulberta.c301w19t14.onebook.models.Chat
 - ca.ulberta.c301w19t14.onebook.ChatTest
 - ca.ulberta.c301w19t14.onebook.CheckMessagesTest
 - android.content.Context
 - android.content.ContextWrapper
 - android.view.ContextThemeWrapper
 - android.app.Activity (implements android.content.ComponentCallbacks2, android.view.KeyEvent.Callback, android.view.LayoutInflater.Factory2, android.view.View.OnCreateContextMenuListener, android.view.Window.Callback)
 - android.support.v4.app.SupportActivity (implements android.support.v4.view.KeyEventDispatcher.Component, android.arch.lifecycle.LifecycleOwner)
 - android.support.v4.app.FragmentActivity (implements android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback, android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator, android.arch.lifecycle.ViewModelStoreOwner)
 - android.support.v7.app.AppCompatActivity (implements android.support.v7.app.ActionBarDrawerToggle.DelegateProvider, android.support.v7.app.AppCompatCallback, android.support.v4.app.TaskStackBuilder.SupportParentable)
 - ca.ulberta.c301w19t14.onebook.activities.AddActivity
 - ca.ulberta.c301w19t14.onebook.activities.CameraActivity
 - ca.ulberta.c301w19t14.onebook.activities.EditBookActivity
 - ca.ulberta.c301w19t14.onebook.activities.EditUserActivity
 - ca.ulberta.c301w19t14.onebook.activities.MainActivity (implements android.support.design.widget.NavigationView.OnNavigationItemSelectedListener)
 - ca.ulberta.c301w19t14.onebook.activities.MapsActivity (implements com.google.android.gms.maps.OnMapReadyCallback)
 - ca.ulberta.c301w19t14.onebook.activities.MessageActivity
 - ca.ulberta.c301w19t14.onebook.activities.ScanisbnActivity
 - ca.ulberta.c301w19t14.onebook.activities.SearchingActivity
 - ca.ulberta.c301w19t14.onebook.activities.UserAccountActivity
 - ca.ulberta.c301w19t14.onebook.activities.UserLoginActivity
 - ca.ulberta.c301w19t14.onebook.activities.ViewBookActivity
 - ca.ulberta.c301w19t14.onebook.activities.ViewRequestsActivity
 - ca.ulberta.c301w19t14.onebook.util.DykUtil
 - ca.ulberta.c301w19t14.onebook.EditProfileTest
 - ca.ulberta.c301w19t14.onebook.ExampleUnitTest
 - ca.ulberta.c301w19t14.onebook.util.FirebaseAuthUtil
 - android.support.v4.app.Fragment (implements android.content.ComponentCallbacks, android.arch.lifecycle.LifecycleOwner, android.view.View.OnCreateContextMenuListener, android.arch.lifecycle.ViewModelStoreOwner)
 - ca.ulberta.c301w19t14.onebook.fragments.BorrowingFragment
 - ca.ulberta.c301w19t14.onebook.fragments.LendingFragment
 - ca.ulberta.c301w19t14.onebook.fragments.MessagesFragment
 - ca.ulberta.c301w19t14.onebook.fragments.MessagingChatsFragment
 - ca.ulberta.c301w19t14.onebook.fragments.MessagingUsersFragment

- ca.ualberta.c301w19t14.onebook.fragments.[MyProfileFragment](#)
- ca.ualberta.c301w19t14.onebook.fragments.[NotificationFragment](#)
- ca.ualberta.c301w19t14.onebook.[Globals](#)
- ca.ualberta.c301w19t14.onebook.models.[Location](#)
- ca.ualberta.c301w19t14.onebook.[LocationTest](#)
- ca.ualberta.c301w19t14.onebook.[LoginScreenTest](#)
- ca.ualberta.c301w19t14.onebook.[LogoutLogin](#)
- ca.ualberta.c301w19t14.onebook.[MessageSystemTest](#)
- ca.ualberta.c301w19t14.onebook.models.[MessagingChatsList](#)
- ca.ualberta.c301w19t14.onebook.[Methods](#)
- ca.ualberta.c301w19t14.onebook.[ModifyBookDescription](#)
- ca.ualberta.c301w19t14.onebook.[MyAccountTest](#)
- ca.ualberta.c301w19t14.onebook.[MyViewAction](#)
- ca.ualberta.c301w19t14.onebook.models.[Notification](#)
- ca.ualberta.c301w19t14.onebook.[NotificationTest](#)
- android.support.v4.view.PagerAdapter
 - android.support.v4.app.FragmentPagerAdapter
 - ca.ualberta.c301w19t14.onebook.adapters.[ViewPagerAdapter](#)
- android.support.v7.widget.RecyclerView.Adapter<VH>
 - ca.ualberta.c301w19t14.onebook.adapters.[BookAdapter](#)
 - ca.ualberta.c301w19t14.onebook.adapters.[MessageAdapter](#)
 - ca.ualberta.c301w19t14.onebook.adapters.[MessagingUserAdapter](#)
 - ca.ualberta.c301w19t14.onebook.adapters.[NotificationsAdapter](#)
 - ca.ualberta.c301w19t14.onebook.adapters.[RequestsAdapter](#)
- android.support.v7.widget.RecyclerView.ViewHolder
 - ca.ualberta.c301w19t14.onebook.adapters.[BookAdapter.BookViewHolder](#)
 - ca.ualberta.c301w19t14.onebook.adapters.[MessageAdapter.ViewHolder](#)
 - ca.ualberta.c301w19t14.onebook.adapters.[MessagingUserAdapter.ViewHolder](#)
 - ca.ualberta.c301w19t14.onebook.adapters.[NotificationsAdapter.NotificationsViewHolder](#)
 - ca.ualberta.c301w19t14.onebook.adapters.[RequestsAdapter.RequestsViewHolder](#)
- ca.ualberta.c301w19t14.onebook.[RecyclerViewMatcher](#)
- ca.ualberta.c301w19t14.onebook.models.[Request](#)
- ca.ualberta.c301w19t14.onebook.[RequestTest](#)
- ca.ualberta.c301w19t14.onebook.[SearchingTest](#)
- ca.ualberta.c301w19t14.onebook.models.[User](#)
- ca.ualberta.c301w19t14.onebook.[UserTest](#)
- ca.ualberta.c301w19t14.onebook.[ViewBookTest](#)
- ca.ualberta.c301w19t14.onebook.[ViewRequestableTest](#)

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV](#) [NEXT](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#)[DEPRECATED](#)[INDEX](#) [HELP](#)[PREV](#) [NEXT](#)[FRAMES](#) [NO FRAMES](#)[ALL CLASSES](#)

Deprecated API

Contents

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#)[DEPRECATED](#)[INDEX](#) [HELP](#)[PREV](#) [NEXT](#)[FRAMES](#) [NO FRAMES](#)[ALL CLASSES](#)

A B C D E F G I L M N O P R S T U V W

A

accept() - Method in class ca.ualberta.c301w19t14.onebook.models.Request

Accepts the request, sends notifications, and updates status

ACCEPTED - Static variable in class ca.ualberta.c301w19t14.onebook.models.Book**ACCEPTED** - Static variable in class ca.ualberta.c301w19t14.onebook.models.Request**acceptedRequest()** - Method in class ca.ualberta.c301w19t14.onebook.models.Book

Returns the accepted request on the book, if exists.

activityRule - Variable in class ca.ualberta.c301w19t14.onebook.AddDeleteBookTest**activityRule** - Variable in class ca.ualberta.c301w19t14.onebook.BorrowerTests**activityRule** - Variable in class ca.ualberta.c301w19t14.onebook.CheckMessagesTest**activityRule** - Variable in class ca.ualberta.c301w19t14.onebook.EditProfileTest**activityRule** - Variable in class ca.ualberta.c301w19t14.onebook.LoginScreenTest**activityRule** - Variable in class ca.ualberta.c301w19t14.onebook.LogoutLogin**activityRule** - Variable in class ca.ualberta.c301w19t14.onebook.ModifyBookDescription**activityRule** - Variable in class ca.ualberta.c301w19t14.onebook.MyAccountTest**activityRule** - Variable in class ca.ualberta.c301w19t14.onebook.SearchingTest**activityRule** - Variable in class ca.ualberta.c301w19t14.onebook.ViewBookTest**activityRule** - Variable in class ca.ualberta.c301w19t14.onebook.ViewRequestableTest**actual_name** - Variable in class ca.ualberta.c301w19t14.onebook.BorrowerTests**actual_name** - Variable in class ca.ualberta.c301w19t14.onebook.LoginScreenTest**actual_name** - Variable in class ca.ualberta.c301w19t14.onebook.LogoutLogin**actual_name** - Variable in class ca.ualberta.c301w19t14.onebook.MyAccountTest**actual_name2** - Variable in class ca.ualberta.c301w19t14.onebook.BorrowerTests**actual_name2** - Variable in class ca.ualberta.c301w19t14.onebook.MyAccountTest**AddActivity** - Class in ca.ualberta.c301w19t14.onebook.activities

This class adds a book to the database after the owner scans a ISBN or manually inputs the book's descriptors.

AddActivity() - Constructor for class ca.ualberta.c301w19t14.onebook.activities.AddActivity**AddDeleteBookTest** - Class in ca.ualberta.c301w19t14.onebook

This tests checks to see if a user can add and delete a book from his/her owned books

[AddDeleteBookTest\(\)](#) - Constructor for class ca.ualberta.c301w19t14.onebook.AddDeleteBookTest

[AddDeleteTest\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.AddDeleteBookTest

[addFragment\(Fragment, String\)](#) - Method in class ca.ualberta.c301w19t14.onebook.adapters.ViewPagerAdapter
adds a fragment to the ViewPager

[addition_isCorrect\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.ExampleUnitTest

[atPosition\(int\)](#) - Method in class ca.ualberta.c301w19t14.onebook.RecyclerViewMatcher

[atPositionOnView\(int, int\)](#) - Method in class ca.ualberta.c301w19t14.onebook.RecyclerViewMatcher

[author](#) - Variable in class ca.ualberta.c301w19t14.onebook.BookTest

[author](#) - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest

[author](#) - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest

[author](#) - Variable in class ca.ualberta.c301w19t14.onebook.UserTest

[AVAILABLE](#) - Static variable in class ca.ualberta.c301w19t14.onebook.models.Book

A B C D E F G I L M N O P R S T U V W

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV LETTER](#) [NEXT LETTER](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

How This API Document Is Organized

This API (Application Programming Interface) document has pages corresponding to the items in the navigation bar, described as follows.

Overview

The [Overview](#) page is the front page of this API document and provides a list of all packages with a summary for each. This page can also contain an overall description of the set of packages.

Package

Each package has a page that contains a list of its classes and interfaces, with a summary for each. This page can contain six categories:

- Interfaces (*italic*)
- Classes
- Enums
- Exceptions
- Errors
- Annotation Types

Class/Interface

Each class, interface, nested class and nested interface has its own separate page. Each of these pages has three sections consisting of a class/interface description, summary tables, and detailed member descriptions:

- Class inheritance diagram
- Direct Subclasses
- All Known Subinterfaces
- All Known Implementing Classes
- Class/interface declaration
- Class/interface description
- Nested Class Summary
- Field Summary
- Constructor Summary
- Method Summary
- Field Detail
- Constructor Detail
- Method Detail

Each summary entry contains the first sentence from the detailed description for that item. The summary entries are alphabetical, while the detailed descriptions are in the order they appear in the source code. This preserves the logical groupings established by the programmer.

Annotation Type

Each annotation type has its own separate page with the following sections:

- Annotation Type declaration
- Annotation Type description
- Required Element Summary
- Optional Element Summary
- Element Detail

Enum

Each enum has its own separate page with the following sections:

- Enum declaration
- Enum description
- Enum Constant Summary
- Enum Constant Detail

Use

Each documented package, class and interface has its own Use page. This page describes what packages, classes, methods, constructors and fields use any part of the given class or package. Given a class or interface A, its Use page includes subclasses of A, fields declared as A, methods that return A, and methods and constructors with parameters of type A. You can access this page by first going to the package, class or interface, then clicking on the "Use" link in the navigation bar.

Tree (Class Hierarchy)

There is a [Class Hierarchy](#) page for all packages, plus a hierarchy for each package. Each hierarchy page contains a list of classes and a list of interfaces. The classes are organized by inheritance structure starting with `java.lang.Object`. The interfaces do not inherit from `java.lang.Object`.

- When viewing the Overview page, clicking on "Tree" displays the hierarchy for all packages.
- When viewing a particular package, class or interface page, clicking "Tree" displays the hierarchy for only that package.

Deprecated API

The [Deprecated API](#) page lists all of the API that have been deprecated. A deprecated API is not recommended for use, generally due to improvements, and a replacement API is usually given. Deprecated APIs may be removed in future implementations.

Index

The [Index](#) contains an alphabetic list of all classes, interfaces, constructors, methods, and fields.

Prev/Next

These links take you to the next or previous class, interface, package, or related page.

Frames/No Frames

These links show and hide the HTML frames. All pages are available with or without frames.

All Classes

The All Classes link shows all classes and interfaces except non-static nested types.

Serialized Form

Each serializable or externalizable class has a description of its serialization fields and methods. This information is of interest to re-implementors, not to developers using the API. While there is no link in the navigation bar, you can get to this information by going to any serialized class and clicking "Serialized Form" in the "See also" section of the class description.

Constant Field Values

The Constant Field Values page lists the static final fields and their values.

This help file applies to API documentation generated using the standard doclet.

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV](#) [NEXT](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

Packages

Package

Description

ca.ualberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.
ca.ualberta.c301w19t14.onebook.activities	
ca.ualberta.c301w19t14.onebook.adapters	
ca.ualberta.c301w19t14.onebook.fragments	
ca.ualberta.c301w19t14.onebook.models	
ca.ualberta.c301w19t14.onebook.util	

Package ca.ulberta.c301w19t14.onebook

OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.

See: [Description](#)

Class Summary

Class	Description
AddDeleteBookTest	This tests checks to see if a user can add and delete a book from his/her owned books
BookTest	
BorrowerTests	This tests checks to see if the book a user is currently borrowing appears in his/her list of borrowed books
ChatTest	
CheckMessagesTest	This tests checks to see if the user can click into his/her messages tab, then open a conversation between himself/herself and another user
EditProfileTest	This tests checks to see if a user can edit details on his/her profile
ExampleUnitTest	Example local unit test, which will execute on the development machine (host).
Globals	This class saves some Firebase attributes.
LocationTest	
LoginScreenTest	This test makes sure that a user can log in through the Firebase login pages by entering valid login credentials
LogoutLogin	This is a quick test to make sure that the user can log out and subsequently log in with valid login credentials using FirebaseAuth
MessageSystemTest	Example local unit test, which will execute on the development machine (host).
Methods	This class is used to create an infinite loop, for test debugging purposes
ModifyBookDescription	This test checks to see if a user can change the description of one of his/her owned books
MyAccountTest	This test checks to see if the correct details are displayed on the MyAccount page after the user logs in
MyViewAction	This class is used for functionality of some tests
NotificationTest	Example local unit test, which will execute on the development machine (host).

RequestTest**SearchingTest**

This test checks to see if a user can enter search details into the search bar to filter the available books

UserTest**ViewBookTest**

This test checks to see that a user can view the details of a book that isn't his/hers

ViewRequestableTest

This test checks to see that a user can view one of his/her owned books and its details

Package ca.ualberta.c301w19t14.onebook Description

OneBook is a user-to-user book exchange application that allows users to lend books they own to other users. Users have the ability to search through and request to borrow any books in the database and be put on a wait list until the book is available for them. Users who own books have the ability to approve or deny requests to borrow. To assist with the borrowing transaction, users can view other user's profiles and send private messages to other users. Upon approval of a request, the borrowing user can see a map of the pick up location set by the owner.

Version:

part4

Author:

CMPUT 301 Group 14

[OVERVIEW](#)[PACKAGE](#)[CLASS](#)[USE](#)[TREE](#)[DEPRECATED](#)[INDEX](#)[HELP](#)[PREV PACKAGE](#)[NEXT PACKAGE](#)[FRAMES](#)[NO FRAMES](#)[ALL CLASSES](#)

Package ca.ulberta.c301w19t14.onebook.activities

Class Summary

Class	Description
AddActivity	This class adds a book to the database after the owner scans a ISBN or manually inputs the book's descriptors.
CameraActivity	This class opens up the camera to scan a ISBN.
EditBookActivity	This class allows edits/updates to books that have been inputted into the database.
EditUserActivity	This class allows a user to edit their account information.
MainActivity	This class implements the main functionality of the app.
MapsActivity	This class will set/view the pickup location on a Google Maps instance.
MessageActivity	This class implements the chat view for the messaging functionality of the app.
ScanIsbnActivity	This class implements a scanner for ISBN codes.
SearchingActivity	This class allows a user to do a key word search on a book title Currently only allows keyword searches on title, but we need to update it to include author, description, owner, and isbn the search is currently case sensitive and we need to change that.
UserAccountActivity	This class shows a user's information when someone clicks on the owner of a book.
UserLoginActivity	This class implements the user login functionality.
ViewBookActivity	This class implement a view book information page.
ViewRequestsActivity	This class shows all the requests on a book.

Package ca.ulberta.c301w19t14.onebook.adapters

Class Summary

Class	Description
BookAdapter	This class is used to create all of the recycler views that list books.
MessageAdapter	This class implements the adapter for viewing the chat messages.
MessagingUserAdapter	This class implements the adapter for displaying the users in the MessagingUserFragment.
NotificationsAdapter	RecyclerView adapter for notifications.
RequestsAdapter	RecyclerView adapter for requests.
ViewPageAdapter	This class implements the ViewPageAdapter for the chat and user fragments.

Package ca.ulberta.c301w19t14.onebook.fragments

Class Summary

Class	Description
BorrowingFragment	This fragment shows a list of books a user is currently borrowing.
LendingFragment	This fragment shows a list of the current books a user owns.
MessagesFragment	This class implements the Messaging Functionality in different fragments for the app.
MessagingChatsFragment	This class implements the Chatlist functionality of the Messaging part of the app.
MessagingUsersFragment	This class implements user search and displays all users.
MyProfileFragment	This fragments displays a user profile page with all their information.
NotificationFragment	This fragment handles displaying notifications and showing action buttons.

Package ca.ulberta.c301w19t14.onebook.models

Class Summary

Class	Description
Book	This class handles all attributes of the book object.
Chat	This class is a model for a Chat in Firebase.
Location	This class is mainly used to abstract location data for book pickup.
MessagingChatsList	This class is a model for the chatList in Firebase.
Notification	This class is a model for the notifications.
Request	This class abstracts the Request data type.
User	This class is for the user and encompasses borrowers and owners

[OVERVIEW](#)[PACKAGE](#)[CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)[PREV PACKAGE](#) [NEXT PACKAGE](#)[FRAMES](#) [NO FRAMES](#)[ALL CLASSES](#)

Package ca.ulberta.c301w19t14.onebook.util

Class Summary

Class	Description
-------	-------------

DykUtil	
---------	--

FirebaseUtil	
--------------	--

[OVERVIEW](#)[PACKAGE](#)[CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)[PREV PACKAGE](#) [NEXT PACKAGE](#)[FRAMES](#) [NO FRAMES](#)[ALL CLASSES](#)

ca.ualberta.c301w19t14.onebook.models

Class MessagingChatsList

java.lang.Object
ca.ualberta.c301w19t14.onebook.models.MessagingChatsList

```
public class MessagingChatsList
extends java.lang.Object
```

This class is a model for the chatList in Firebase.

Since:

2019-03-29

Version:

1.0

Author:

jandaile CMPUT 301 team 14

Constructor Summary

Constructors**Constructor and Description****MessagingChatsList()**

Empty constructor for Firebase

MessagingChatsList(java.lang.String id)

Constructor for MessagingChatList in Firebase

Method Summary

All Methods**Instance Methods****Concrete Methods****Modifier and Type****Method and Description**

java.lang.String

getId()

getter for the id of chatList

void

setId(java.lang.String id)

setter for chatList id

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait

Constructor Detail

MessagingChatsList

```
public MessagingChatsList()
```

Empty constructor for Firebase

MessagingChatsList

```
public MessagingChatsList(java.lang.String id)
```

Constructor for MessagingChatList in Firebase

Parameters:

id: - chatList id in database

Method Detail

getId

```
public java.lang.String getId()
```

getter for the id of chatList

Returns:

id of chatList in Firebase

setId

```
public void setId(java.lang.String id)
```

setter for chatList id

Parameters:

id: - id to set for chatList

OVERVIEW PACKAGE CLASS USE TREE DEPRECATED INDEX HELP

PREV CLASS NEXT CLASS FRAMES NO FRAMES ALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHOD DETAIL: FIELD | CONSTR | METHOD

ca.ualberta.c301w19t14.onebook.adapters

Class MessagingUserAdapter

```
java.lang.Object
    android.support.v7.widget.RecyclerView.Adapter<MessagingUserAdapter.ViewHolder>
        ca.ualberta.c301w19t14.onebook.adapters.MessagingUserAdapter
```

```
public class MessagingUserAdapter
extends android.support.v7.widget.RecyclerView.Adapter<MessagingUserAdapter.ViewHolder>
```

This class implements the adapter for displaying the users in the `MessagingUserFragment`. Each user will have their last message displayed if the current user hasn't responded back.

Since:

2019-03-29

Version:

1.0

Author:

jandaile CMPUT 301 team 14

See Also:`MessagingUsersFragment`

Nested Class Summary

Nested Classes**Modifier and Type** **Class and Description**

class	<code>MessagingUserAdapter.ViewHolder</code>
-------	--

Constructor Summary

Constructors**Constructor and Description**

<code>MessagingUserAdapter(android.content.Context mContext, java.util.List<User> mUsers)</code>
--

Method Summary

All Methods**Instance Methods****Concrete Methods**

Modifier and Type

int	<code>getItemCount()</code>
void	<code>onBindViewHolder (MessagingUserAdapter.ViewHolder viewHolder, int i)</code>
<code>MessagingUserAdapter.ViewHolder</code>	<code>onCreateViewHolder (android.view.ViewGroup viewGroup, int i)</code>

Methods inherited from class android.support.v7.widget.RecyclerView.Adapter

bindViewHolder, createViewHolder, getItemId, getItemViewType, hasObservers, hasStableIds, notifyDataSetChanged, notifyItemChanged, notifyItemChanged, notifyItemInserted, notifyItemMoved, notifyItemRangeChanged, notifyItemRangeChanged, notifyItemRangeInserted, notifyItemRangeRemoved, notifyItemRemoved, onAttachedToRecyclerView, onBindViewHolder, onDetachedFromRecyclerView, onFailedToRecycleView, onViewAttachedToWindow, onViewDetachedFromWindow, onViewRecycled, registerAdapterDataObserver, setHasStableIds, unregisterAdapterDataObserver

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

MessagingUserAdapter

```
public MessagingUserAdapter(android.content.Context mContext,  
                           java.util.List<User> mUsers)
```

Method Detail

onCreateViewHolder

```
@NonNull  
public MessagingUserAdapter.ViewHolder onCreateViewHolder(@NonNull  
                                                               android.view.ViewGroup viewGroup,  
                                                               int i)
```

Specified by:

onCreateViewHolder in
class android.support.v7.widget.RecyclerView.Adapter<MessagingUserAdapter.ViewHolder>

onBindViewHolder

```
public void onBindViewHolder(@NonNull  
                           MessagingUserAdapter.ViewHolder viewHolder,  
                           int i)
```

Specified by:

```
onBindViewHolder in  
class android.support.v7.widget.RecyclerView.Adapter<MessagingUserAdapter.ViewHolder>
```

getItemCount

```
public int getItemCount()
```

Specified by:

```
getItemCount in  
class android.support.v7.widget.RecyclerView.Adapter<MessagingUserAdapter.ViewHolder>
```

Returns:

the total number of users for testing

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.fragments

Class MessagingUsersFragment

java.lang.Object
 android.support.v4.app.Fragment
 ca.ualberta.c301w19t14.onebook.fragments.MessagingUsersFragment

All Implemented Interfaces:

android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.view.View.OnCreateContextMenuListener

```
public class MessagingUsersFragment
extends android.support.v4.app.Fragment
```

This class implements user search and displays all users. From this class, users can be looked up and new chats can be started up between them.

Since:

2019-03-29

Version:

1.0

Author:

jandaile CMPUT 301 team 14

See Also:

[MessagesFragment](#)

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.Fragment

```
android.support.v4.app.Fragment.InstantiationException,
android.support.v4.app.Fragment.SavedState
```

Field Summary

Fields

Modifier and Type	Field and Description
-------------------	-----------------------

java.util.ArrayList<User>	<code>users</code>
---------------------------	--------------------

Constructor Summary

Constructors

Constructor and Description

`MessagingUsersFragment()`

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type

Method and Description

android.view.View	<code>onCreateView(android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState)</code>
-------------------	---

Methods inherited from class android.support.v4.app.Fragment

dump, equals, getActivity, getAllowEnterTransitionOverlap, getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext, getEnterTransition, getExitTransition, getFragmentManager, getHost, getId, getLayoutInflater, getLayoutInflater, getLifecycle, getLoaderManager, getParentFragment, getReenterTransition, getResources, getRetainInstance, getReturnTransition, getSharedElementEnterTransition, getSharedElementReturnTransition, getString, getString, getTag, getTargetFragment, getTargetRequestCode, getText, getUserVisibleHint, getView, getViewLifecycleOwner, getViewLifecycleOwnerLiveData, getModelStore, hashCode, hasOptionsMenu, instantiate, instantiate, isAdded, isDetached, isHidden, isInLayout, isMenuVisible, isRemoving, isResumed, isStateSaved, isVisible, onActivityCreated, onActivityResult, onAttach, onAttach, onAttachFragment, onConfigurationChanged, onContextItemSelected, onCreate, onCreateAnimation, onCreateAnimator, onCreateContextMenu, onCreateOptionsMenu, onDestroy, onDestroyOptionsMenu, onDestroyView, onDetach, onGetLayoutInflater, onHiddenChanged, onInflate, onInflate, onLowMemory, onMultiWindowModeChanged, onOptionsItemSelected, onOptionsMenuClosed, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onRequestPermissionsResult, onResume, onSaveInstanceState, onStart, onStop, onViewCreated, onViewStateRestored, postponeEnterTransition, registerForContextMenu, requestPermissions, requireActivity, requireContext, requireFragmentManager, requireHost, setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap, setArguments, setEnterSharedElementCallback, setEnterTransition, setExitSharedElementCallback, setExitTransition, setHasOptionsMenu, setInitialSavedState, setMenuVisibility, setReenterTransition, setRetainInstance, setReturnTransition, setSharedElementEnterTransition, setSharedElementReturnTransition, setTargetFragment, setUserVisibleHint, shouldShowRequestPermissionRationale, startActivity, startActivity, startActivityForResult, startActivityForResult, startIntentSenderForResult, startPostponedEnterTransition, toString,

```
unregisterForContextMenu
```

Methods inherited from class java.lang.Object

```
clone, finalize, getClass, notify, notifyAll, wait, wait, wait
```

Field Detail

users

```
public java.util.ArrayList<User> users
```

Constructor Detail

MessagingUsersFragment

```
public MessagingUsersFragment()
```

Method Detail

onCreateView

```
public android.view.View onCreateView(@NonNull
                                     android.view.LayoutInflater inflater,
                                     android.view.ViewGroup container,
                                     android.os.Bundle savedInstanceState)
```

Overrides:

```
onCreateView in class android.support.v4.app.Fragment
```

ca.ualberta.c301w19t14.onebook

Class Methods

java.lang.Object
ca.ualberta.c301w19t14.onebook.Methods

```
public class Methods
extends java.lang.Object
```

This class is used to create an infinite loop, for test debugging purposes

Author:

CMPUT301 Team14

Constructor Summary

Constructors

Constructor and Description

Methods ()

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type

Method and Description

void

InfiniteLoop ()

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

Methods

public Methods()

Method Detail

InfiniteLoop

```
public void InfiniteLoop()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED | FIELD | CONSTR | METHOD](#) [DETAIL: FIELD | CONSTR | METHOD](#)

ca.ualberta.c301w19t14.onebook

Class ModifyBookDescription

java.lang.Object
 ca.ualberta.c301w19t14.onebook.ModifyBookDescription

```
public class ModifyBookDescription
extends java.lang.Object
```

This test checks to see if a user can change the description of one of his/her owned books

Author:

CMPUT301 Team14

Field Summary

Fields

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<MainActivity>	activityRule
java.lang.String	before_description
boolean	complete
java.lang.String	email
java.lang.String	name
java.lang.String	password

Constructor Summary

Constructors**Constructor and Description****ModifyBookDescription ()**

Method Summary

All Methods**Instance Methods****Concrete Methods**

Modifier and Type	Method and Description
void	<code>init()</code>
void	<code>ModifyDescriptionTest()</code>
void	<code>StartLendingTransaction()</code>

Methods inherited from class java.lang.Object

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

complete

`public boolean complete`

email

`public java.lang.String email`

name

`public java.lang.String name`

password

`public java.lang.String password`

before_description

`public java.lang.String before_description`

activityRule

`public androidx.test.rule.ActivityTestRule<MainActivity> activityRule`

Constructor Detail

ModifyBookDescription

```
public ModifyBookDescription()
```

Method Detail

init

```
public void init()
```

ModifyDescriptionTest

```
public void ModifyDescriptionTest()
    throws java.lang.InterruptedException
```

Throws:

```
java.lang.InterruptedException
```

StartLendingTransaction

```
public void StartLendingTransaction()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook

Class MyAccountTest

java.lang.Object
 ca.ualberta.c301w19t14.onebook.MyAccountTest

```
public class MyAccountTest
extends java.lang.Object
```

This test checks to see if the correct details are displayed on the MyAccount page after the user logs in

Author:

CMPUT301 Team14

Field Summary

Fields

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<MainActivity>	activityRule
java.lang.String	actual_name
java.lang.String	actual_name2
java.lang.String	check_name
boolean	complete
java.lang.String	DUSTIN_EMAIL
java.lang.String	DUSTIN_PASS
java.lang.String	email
java.lang.String	email2
java.lang.String	password
java.lang.String	password2

Constructor Summary

Constructors

Constructor and Description

`MyAccountTest()`

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
-------------------	------------------------

void	<code>CheckUserDetails()</code>
------	---------------------------------

void	<code>init()</code>
------	---------------------

Methods inherited from class `java.lang.Object`

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

complete

public boolean complete

email

public java.lang.String email

email2

public java.lang.String email2

password

public java.lang.String password

password2

public java.lang.String password2

check_name

```
public java.lang.String check_name
```

actual_name

```
public java.lang.String actual_name
```

actual_name2

```
public java.lang.String actual_name2
```

DUSTIN_EMAIL

```
public java.lang.String DUSTIN_EMAIL
```

DUSTIN_PASS

```
public java.lang.String DUSTIN_PASS
```

activityRule

```
public androidx.test.rule.ActivityTestRule<MainActivity> activityRule
```

Constructor Detail

MyAccountTest

```
public MyAccountTest()
```

Method Detail

init

```
public void init()
```

CheckUserDetails

```
public void CheckUserDetails()
```

OVERVIEW PACKAGE **CLASS** USE TREE DEPRECATED INDEX HELP

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.fragments

Class MyProfileFragment

java.lang.Object
 android.support.v4.app.Fragment
 ca.ualberta.c301w19t14.onebook.fragments.MyProfileFragment

All Implemented Interfaces:

android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.view.View.OnCreateContextMenuListener

```
public class MyProfileFragment
extends android.support.v4.app.Fragment
```

This fragments displays a user profile page with all their information.

Version:

1.0

Author:

CMPUT301 Team14: Natalie H, Oran R.

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.Fragment

```
android.support.v4.app.Fragment.InstantiationException,
android.support.v4.app.Fragment.SavedState
```

Constructor Summary

Constructors

Constructor and Description

[MyProfileFragment\(\)](#)

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
void	onCreateOptionsMenu (android.view.Menu menu, android.view.MenuInflater inflater) Creates the options menu (top right).
android.view.View	onCreateView (android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState) Initializes the view.
boolean	onOptionsItemSelected (android.view.MenuItem item) Handles selecting an options menu item.
void	onResume ()
void	updateUserInfo ()

Methods inherited from class android.support.v4.app.Fragment

dump, equals, getActivity, getAllowEnterTransitionOverlap,
 getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext,
 getEnterTransition, getExitTransition, getFragmentManager, getHost, getId,
 getLayoutInflator, getLayoutInflator, getLifecycle, getLoaderManager,
 getParentFragment, getReenterTransition, getResources, getRetainInstance,
 getReturnTransition, getSharedElementEnterTransition,
 getSharedElementReturnTransition, getString, getString, getTag, getTargetFragment,
 getTargetRequestCode, getText, getUserVisibleHint, getView, getViewLifecycleOwner,
 getViewLifecycleOwnerLiveData, getModelStore, hashCode, hasOptionsMenu,
 instantiate, instantiate, isAdded, isDetached, isHidden, isInLayout, isMenuVisible,
 isRemoving, isResumed, isStateSaved, isVisible, onActivityCreated, onActivityResult,
 onAttach, onAttach, onAttachFragment, onConfigurationChanged, onContextItemSelected,
 onCreate, onCreateAnimation, onCreateAnimator, onCreateOptionsMenu, onDestroy,
 onDestroyOptionsMenu, onDestroyView, onDetach, onGetLayoutInflator, onHiddenChanged,
 onInflate, onInflate, onLowMemory, onMultiWindowModeChanged, onOptionsMenuClosed,
 onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu,
 onRequestPermissionsResult, onSaveInstanceState, onStart, onStop, onViewCreated,
 onViewStateRestored, postponeEnterTransition, registerForContextMenu,
 requestPermissions, requireActivity, requireContext, requireFragmentManager,
 requireHost, setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap,
 setArguments, setEnterSharedElementCallback, setEnterTransition,
 setExitSharedElementCallback, setExitTransition, setHasOptionsMenu,
 setInitialSavedState, setMenuVisibility, setReenterTransition, setRetainInstance,
 setReturnTransition, setSharedElementEnterTransition,
 setSharedElementReturnTransition, setTargetFragment, setUserVisibleHint,
 shouldShowRequestPermissionRationale, startActivityForResult, startActivityForResult,
 startActivityForResultForResult, startIntentSenderForResult,
 startPostponedEnterTransition, toString, unregisterForContextMenu

Methods inherited from class java.lang.Object

```
clone, finalize, getClass, notify, notifyAll, wait, wait, wait
```

Constructor Detail

MyProfileFragment

```
public MyProfileFragment()
```

Method Detail

onCreateView

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,  
                                     android.view.ViewGroup container,  
                                     android.os.Bundle savedInstanceState)
```

Initializes the view.

Overrides:

onCreateView in class android.support.v4.app.Fragment

Parameters:

inflater - LayoutInflater

container - ViewGroup

savedInstanceState - Bundle

Returns:

View layout view

See Also:

this.loadData()

onCreateOptionsMenu

```
public void onCreateOptionsMenu(android.view.Menu menu,  
                           android.view.MenuInflater inflater)
```

Creates the options menu (top right).

Overrides:

onCreateOptionsMenu in class android.support.v4.app.Fragment

Parameters:

menu - options menu

inflater - MenuInflater

onOptionsItemSelected

```
public boolean onOptionsItemSelected(android.view.MenuItem item)
```

Handles selecting an options menu item.

Overrides:

onOptionsItemSelected in class android.support.v4.app.Fragment

Parameters:

item - android id of the item clicked

Returns:

boolean if the item was handled or not

onResume

```
public void onResume()
```

Overrides:

onResume in class android.support.v4.app.Fragment

updateUserInfo

```
public void updateUserInfo()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED | FIELD | CONSTR | METHOD](#) [DETAIL: FIELD | CONSTR | METHOD](#)

ca.ualberta.c301w19t14.onebook

Class MyViewAction

java.lang.Object
ca.ualberta.c301w19t14.onebook.MyViewAction

```
public class MyViewAction
extends java.lang.Object
```

This class is used for functionality of some tests

Author:

CMPUT301 Team14

Constructor Summary

Constructors

Constructor and Description

`MyViewAction()`

Method Summary

All Methods

Static Methods

Concrete Methods

Modifier and Type

Method and Description

static androidx.test.espresso.ViewAction `clickChildViewWithId(int id)`

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

MyViewAction

public MyViewAction()

Method Detail

clickChildViewWithId

```
public static androidx.test.espresso.ViewAction clickChildViewWithId(int id)
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED | FIELD | CONSTR | METHOD](#) [DETAIL: FIELD | CONSTR | METHOD](#)

ca.ualberta.c301w19t14.onebook.models

Class Notification

java.lang.Object
ca.ualberta.c301w19t14.onebook.models.Notification

```
public class Notification
extends java.lang.Object
```

This class is a model for the notifications.

Version:

1.0

Author:

CMPUT301 Team14: Dimitri T

See Also:

[NotificationsAdapter](#)

Field Summary

Fields

Modifier and Type	Field and Description
static int	BOOK
static int	COMPASS
static int	DOWN
static int	MARKER
static int	MESSAGE
static int	ROCKET
static int	UP

Constructor Summary

Constructors

[Constructor and Description](#)

`Notification()`

Empty constructor for Firebase.

`Notification(java.lang.String title, java.lang.String content, Request request, User user, int icon)`

Constructor for notification for a book request.

`Notification(java.lang.String title, java.lang.String content, User user, int icon)`

Constructor for basic notification.

Method Summary

All Methods

Static Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
void	<code>delete()</code>
static void	<code>deleteAllForUser(java.lang.String userId)</code> Deletes all notifications for current user
static void	<code>deleteWhereRequestAndUser(Request request, User user)</code>
java.lang.String	<code>getContent()</code> Getter for content.
int	<code>getIcon()</code> Getter for int.
java.lang.String	<code>getId()</code> Gets the notification ID.
<code>Request</code>	<code>getRequest()</code> Getter for request.
java.lang.String	<code>getTitle()</code> Getter for title.
<code>User</code>	<code>getUser()</code> Getter for user.
void	<code>save()</code> Saves the notification to the database.
void	<code>setContent(java.lang.String content)</code> Setter for content.
void	<code>setIcon(int icon)</code> Setter for icon.
void	<code>setId(java.lang.String id)</code> Sets the notification ID.

void **setRequest**(Request request)

Setter for request.

void **setTitle**(java.lang.String title)

Setter for title.

void **setUser**(User user)

Setter for user.

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

UP

public static final int UP

See Also:

Constant Field Values

DOWN

public static final int DOWN

See Also:

Constant Field Values

BOOK

public static final int BOOK

See Also:

Constant Field Values

MESSAGE

public static final int MESSAGE

See Also:

Constant Field Values

COMPASS

```
public static final int COMPASS
```

See Also:

[Constant Field Values](#)

MARKER

```
public static final int MARKER
```

See Also:

[Constant Field Values](#)

ROCKET

```
public static final int ROCKET
```

See Also:

[Constant Field Values](#)

Constructor Detail

Notification

```
public Notification()
```

Empty constructor for Firebase.

Notification

```
public Notification(java.lang.String title,  
                   java.lang.String content,  
                   User user,  
                   int icon)
```

Constructor for basic notification.

Parameters:

title - notification title

content - notification message

user - user receiving notification

Notification

```
public Notification(java.lang.String title,  
                    java.lang.String content,  
                    Request request,  
                    User user,  
                    int icon)
```

Constructor for notification for a book request.

Parameters:

title - notification title
content - notification message
request - book request
user - user receiving notification
icon - icon to show

Method Detail

save

```
public void save()
```

Saves the notification to the database.

delete

```
public void delete()
```

deleteWhereRequestAndUser

```
public static void deleteWhereRequestAndUser(Request request,  
                                             User user)
```

deleteAllForUser

```
public static void deleteAllForUser(java.lang.String userId)
```

Deletes all notifications for current user

Parameters:

userId -

getId

```
public java.lang.String getId()
```

Gets the notification ID.

Returns:

String

setId

```
public void setId(java.lang.String id)
```

Sets the notification ID. Should be Firebases push().

Parameters:

id - push() value

getTitle

```
public java.lang.String getTitle()
```

Getter for title.

Returns:

title notification title

getContent

```
public java.lang.String getContent()
```

Getter for content.

Returns:

content notification content

getRequest

```
@Nullable  
public Request getRequest()
```

Getter for request.

Returns:

request notification request or null

getUser

```
public User getUser()
```

Getter for user.

Returns:

user user receiving notification

setContent

```
public void setContent(java.lang.String content)
```

Setter for content.

Parameters:

content - notification content

setRequest

```
public void setRequest(Request request)
```

Setter for request.

Parameters:

request - notification request or null

setUser

```
public void setUser(User user)
```

Setter for user.

Parameters:

user - user receiving notification

setTitle

```
public void setTitle(java.lang.String title)
```

Setter for title.

Parameters:

title - notification title

setIcon

```
public void setIcon(int icon)
```

Setter for icon.

Parameters:

icon - notification icon

getIcon

```
public int getIcon()
```

Getter for int.

Returns:

int icon int

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.fragments

Class NotificationFragment

java.lang.Object
 android.support.v4.app.Fragment
 ca.ualberta.c301w19t14.onebook.fragments.NotificationFragment

All Implemented Interfaces:

android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.view.View.OnCreateContextMenuListener

```
public class NotificationFragment
extends android.support.v4.app.Fragment
```

This fragment handles displaying notifications and showing action buttons.

Version:

1.0

Author:

CMPUT301 Team14: Dimitri T, Ana B

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.Fragment

```
android.support.v4.app.Fragment.InstantiationException,
android.support.v4.app.Fragment.SavedState
```

Constructor Summary

Constructors

Constructor and Description

```
NotificationFragment()
```

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
void	onCreateOptionsMenu (android.view.Menu menu, android.view.MenuInflater inflater) Creates the options menu (top right).
android.view.View	onCreateView (android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState) Initializes the view.
boolean	onOptionsItemSelected (android.view.MenuItem item) Handles selecting an options menu item.
void	onResume () Called when Fragment is resumed.

Methods inherited from class android.support.v4.app.Fragment

dump, equals, getActivity, getAllowEnterTransitionOverlap, getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext, getEnterTransition, getExitTransition, getFragmentManager, getHost, getId, getLayoutInflater, getLayoutInflater, getLifecycle, getLoaderManager, getParentFragment, getReenterTransition, getResources, getRetainInstance, getReturnTransition, getSharedElementEnterTransition, getSharedElementReturnTransition, getString, getString, getTag, getTargetFragment, getTargetRequestCode, getText, getUserVisibleHint, getView, getViewLifecycleOwner, getViewLifecycleOwnerLiveData, getViewModelStore, hashCode, hasOptionsMenu, instantiate, instantiate, isAdded, isDetached, isHidden, isInLayout, isMenuVisible, isRemoving, isResumed, isStateSaved, isVisible, onActivityCreated, onActivityResult, onAttach, onAttach, onAttachFragment, onConfigurationChanged, onContextItemSelected, onCreate, onCreateAnimation, onCreateAnimator, onCreateOptionsMenu, onDestroy, onDestroyOptionsMenu, onDestroyView, onDetach, onGetLayoutInflater, onHiddenChanged, onInflate, onInflate, onLowMemory, onMultiWindowModeChanged, onOptionsMenuClosed, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onRequestPermissionsResult, onSaveInstanceState, onStart, onStop, onViewCreated, onViewStateRestored, postponeEnterTransition, registerForContextMenu, requestPermissions, requireActivity, requireContext, requireFragmentManager, requireHost, setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap, setArguments, setEnterSharedElementCallback, setEnterTransition, setExitSharedElementCallback, setExitTransition, setHasOptionsMenu, setInitialSavedState, setMenuVisibility, setReenterTransition, setRetainInstance, setReturnTransition, setSharedElementEnterTransition, setSharedElementReturnTransition, setTargetFragment, setUserVisibleHint, shouldShowRequestPermissionRationale, startActivity, startActivity, startActivityForResult, startActivityForResult, startIntentSenderForResult, startPostponedEnterTransition, toString, unregisterForContextMenu

Methods inherited from class java.lang.Object

clone, finalize, getClass, notify, notifyAll, wait, wait, wait

Constructor Detail

NotificationFragment

```
public NotificationFragment()
```

Method Detail

onCreateView

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,
                                     android.view.ViewGroup container,
                                     android.os.Bundle savedInstanceState)
```

Initializes the view.

Overrides:

onCreateView in class android.support.v4.app.Fragment

Parameters:

inflater - LayoutInflater

container - ViewGroup

savedInstanceState - Bundle

Returns:

View layout view

See Also:

this.loadData()

onCreateOptionsMenu

```
public void onCreateOptionsMenu(android.view.Menu menu,
                           android.view.MenuInflater inflater)
```

Creates the options menu (top right).

Overrides:

onCreateOptionsMenu in class android.support.v4.app.Fragment

Parameters:

menu - options menu

inflater - MenuInflater

onOptionsItemSelected

```
public boolean onOptionsItemSelected(android.view.MenuItem item)
```

Handles selecting an options menu item.

Overrides:

onOptionsItemSelected in class android.support.v4.app.Fragment

Parameters:

item - android id of the item clicked

Returns:

boolean if the item was handled or not

onResume

```
public void onResume()
```

Called when Fragment is resumed. It rehydrates the data.

Overrides:

onResume in class android.support.v4.app.Fragment

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.adapters

Class NotificationsAdapter

```
java.lang.Object
    android.support.v7.widget.RecyclerView.Adapter<NotificationsAdapter.NotificationsViewHolder>
        ca.ualberta.c301w19t14.onebook.adapters.NotificationsAdapter
```

```
public class NotificationsAdapter
extends android.support.v7.widget.RecyclerView.Adapter<NotificationsAdapter.NotificationsViewHolder>
```

RecyclerView adapter for notifications. Handles displaying and clicking on notifications. Future improvements include having location for a meet up show when a meet up notification is clicked.

Version:

1.0

Author:

CMPUT301 Team14: Natalie H, Dimitri T

See Also:

NotificationFragment

Nested Class Summary

Nested Classes

Modifier and Type	Class and Description
class	NotificationsAdapter.NotificationsViewHolder

Field Summary

Fields

Modifier and Type	Field and Description
android.view.View	view

Constructor Summary

Constructors

Constructor and Description
NotificationsAdapter(android.content.Context context, java.util.ArrayList<Notification> notificationList)

Method Summary

All Methods**Instance Methods****Concrete Methods**

Modifier and Type	Method and Description
int	getItemCount()

```
void onBindViewHolder(NotificationAdapter.NotificationViewHolder mVh,  
    int i)  
    Attaches notification content to the view.
```

```
NotificationAdapter.NotificationViewHolder onCreateViewHolder(ViewGroup viewGroup, int i)
```

Methods inherited from class android.support.v7.widget.RecyclerView.Adapter

```
bindViewHolder, createViewHolder, getItemId, getItemViewType, hasObservers, hasStableIds,  
notifyDataSetChanged, notifyItemChanged, notifyItemChanged, notifyItemInserted, notifyItemMoved,  
notifyItemRangeChanged, notifyItemRangeChanged, notifyItemRangeInserted, notifyItemRangeRemoved,  
notifyItemRemoved, onAttachedToRecyclerView, onBindViewHolder, onDetachedFromRecyclerView,  
onFailedToRecycleView, onViewAttachedToWindow, onViewDetachedFromWindow, onViewRecycled,  
registerAdapterDataObserver, setHasStableIds, unregisterAdapterDataObserver
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

Field Detail

view

```
public android.view.View view
```

Constructor Detail

NotificationAdapter

```
public NotificationAdapter(Context context,  
    java.util.ArrayList<Notification> notificationList)
```

Method Detail

getItemCount

```
public int getItemCount()
```

Specified by:

```
getItemCount in  
class android.support.v7.widget.RecyclerView.Adapter<NotificationAdapter.NotificationViewHolder>
```

Returns:

the total number of notifications the user has.

onBindViewHolder

```
public void onBindViewHolder(NotificationAdapter.NotificationViewHolder mVh,  
    int i)
```

Attaches notification content to the view.

Specified by:

```
onBindViewHolder in
```

```
class android.support.v7.widget.RecyclerView.Adapter<NotificationsAdapter.NotificationsViewHolder>
```

Parameters:

mVh -

i -

onCreateViewHolder

@NonNull

```
public NotificationsAdapter.NotificationsViewHolder onCreateViewHolder(android.view.ViewGroup viewGroup,  
                           int i)
```

Specified by:

onCreateViewHolder in

```
class android.support.v7.widget.RecyclerView.Adapter<NotificationsAdapter.NotificationsViewHolder>
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#)

[NEXT CLASS](#)

[FRAMES](#)

[NO FRAMES](#)

[ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook

Class NotificationTest

java.lang.Object
ca.ualberta.c301w19t14.onebook.NotificationTest

```
public class NotificationTest
extends java.lang.Object
```

Example local unit test, which will execute on the development machine (host).

See Also:

Testing documentation

Constructor Summary

Constructors

Constructor and Description

`NotificationTest()`

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type

Method and Description

void `checkGetContent()`

void `checkGetNotificationRequestDetails()`

void `checkGetNotificationUserDetails()`

void `checkGetRequestBookDetails()`

void `checkGetRequestUserDetails()`

void `checkGetTitle()`

Methods inherited from class java.lang.Object

`clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait`

Constructor Detail

NotificationTest

```
public NotificationTest()
```

Method Detail

checkGetTitle

```
public void checkGetTitle()
```

checkGetContent

```
public void checkGetContent()
```

checkGetRequestUserDetails

```
public void checkGetRequestUserDetails()
```

checkGetRequestBookDetails

```
public void checkGetRequestBookDetails()
```

checkGetNotificationRequestDetails

```
public void checkGetNotificationRequestDetails()
```

checkGetNotificationUserDetails

```
public void checkGetNotificationUserDetails()
```

SUMMARY: NESTED | FIELD | CONSTR | METHOD DETAIL: FIELD | CONSTR | METHOD

ca.ualberta.c301w19t14.onebook

Class RecyclerViewMatcher

java.lang.Object
ca.ualberta.c301w19t14.onebook.RecyclerViewMatcher

```
public class RecyclerViewMatcher
extends java.lang.Object
```

Created by dannyroa on 5/10/15. Source: https://github.com/dannyroa/espresso-samples/blob/master/RecyclerView/app/src/androidTest/java/com/dannyroa/espresso_samples/recyclerview/RecyclerViewMatcher.java

Constructor Summary

Constructors

Constructor and Description

RecyclerViewMatcher (int recyclerViewId)

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type

Method and Description

org.hamcrest.Matcher<android.view.View> **atPosition**(int position)

org.hamcrest.Matcher<android.view.View> **atPositionOnView**(int position,
int targetViewId)

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,
wait, wait

Constructor Detail

RecyclerViewMatcher

```
public RecyclerViewMatcher(int recyclerViewId)
```

Method Detail

atPosition

```
public org.hamcrest.Matcher<android.view.View> atPosition(int position)
```

atPositionOnView

```
public org.hamcrest.Matcher<android.view.View> atPositionOnView(int position,  
                           int targetViewId)
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.models

Class Request

java.lang.Object
ca.ualberta.c301w19t14.onebook.models.Request

```
public class Request
extends java.lang.Object
```

This class abstracts the Request data type.

Version:

1.0

Author:

CMPUT301 Team14: Natalie H, Dimitri T

See Also:[RequestsAdapter](#)

Field Summary

Fields

Modifier and Type	Field and Description
static java.lang.String	ACCEPTED
static java.lang.String	BORROWING
static java.lang.String	PENDING
static java.lang.String	PENDING_BORROWER_SCAN
static java.lang.String	PENDING_OWNER_SCAN

Constructor Summary

Constructors

Constructor and Description
Request() Firebase constructor.

```
Request(User user, Book book, java.lang.String requestID)
```

Request constructor.

Method Summary

All Methods Static Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
void	accept() Accepts the request, sends notifications, and updates status
void	commitNewStatus (java.lang.String status) Change the status.
void	delete (Book book) Deletes the request.
Book	getBook()
java.lang.String	getId()
Location	getLocation()
java.lang.String	getStatus()
User	getUser()
void	reject() Rejects the request, deletes request, and sends notifications
static void	requestBook (User user, Book book) Abstracts the request a book process.
void	setBook (Book book)
void	setId (java.lang.String id)
void	setLocation (Location location)
void	setStatus (java.lang.String status)
void	setUser (User user)

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

ACCEPTED

```
public static final java.lang.String ACCEPTED
```

See Also:

[Constant Field Values](#)

PENDING

```
public static final java.lang.String PENDING
```

See Also:

[Constant Field Values](#)

BORROWING

```
public static final java.lang.String BORROWING
```

See Also:

[Constant Field Values](#)

PENDING_BORROWER_SCAN

```
public static final java.lang.String PENDING_BORROWER_SCAN
```

See Also:

[Constant Field Values](#)

PENDING_OWNER_SCAN

```
public static final java.lang.String PENDING_OWNER_SCAN
```

See Also:

[Constant Field Values](#)

Constructor Detail

Request

```
public Request()
```

Firebase constructor.

Request

```
public Request(User user,  
              Book book,  
              java.lang.String requestID)
```

Request constructor.

Parameters:

user -

book -

Method Detail

requestBook

```
public static void requestBook(User user,  
                               Book book)
```

Abstracts the request a book process.

Parameters:

user - User object requesting the book

book - Book being requested

accept

```
public void accept()
```

Accepts the request, sends notifications, and updates status

commitNewStatus

```
public void commitNewStatus(java.lang.String status)
```

Change the status.

reject

```
public void reject()
```

Rejects the request, deletes request, and sends notifications

delete

```
public void delete(Book book)
```

Deletes the request.

getUser

```
public User getUser()
```

Returns:

user

getBook

```
public Book getBook()
```

Returns:

book

getStatus

```
@NotNull  
public java.lang.String getStatus()
```

Returns:

status

setUser

```
public void setUser(User user)
```

Parameters:

user -

setBook

```
public void setBook(Book book)
```

Parameters:

book -

setStatus

```
public void setStatus(java.lang.String status)
```

Parameters:

status -

getId

```
public java.lang.String getId()
```

Returns:

id

setId

```
public void setId(java.lang.String id)
```

Parameters:

id -

setLocation

```
public void setLocation(Location location)
```

getLocation

```
public Location getLocation()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.adapters

Class RequestsAdapter

java.lang.Object
 android.support.v7.widget.RecyclerView.Adapter<RequestsAdapter.RequestsViewHolder>
 ca.ualberta.c301w19t14.onebook.adapters.RequestsAdapter

```
public class RequestsAdapter
extends android.support.v7.widget.RecyclerView.Adapter<RequestsAdapter.RequestsViewHolder>
```

RecyclerView adapter for requests. Handles displaying and clicking on requests, in ViewRequestsActivity.

Author:

CMPUT301 Team14: Dimitri T, Natalie H

See Also:

[ViewRequestsActivity](#)

Nested Class Summary

Nested Classes**Modifier and Type** **Class and Description**

class	RequestsAdapter.RequestsViewHolder
-------	--

Field Summary

Fields**Modifier and Type** **Field and Description**

android.view.View	view
-------------------	----------------------

Constructor Summary

Constructors**Constructor and Description**

RequestsAdapter(android.content.Context context, java.util.ArrayList<Request> list)

Method Summary

[All Methods](#)[Instance Methods](#)[Concrete Methods](#)**Modifier and Type****Method and Description**

int	<code>getItemCount()</code>
void	<code>onBindViewHolder (RequestsAdapter.RequestsViewHolder mVh, int i)</code> Attaches content to the each request in the view.
<code>RequestsAdapter.RequestsViewHolder onCreateViewHolder (android.view.ViewGroup viewGroup, int i)</code>	

Methods inherited from class android.support.v7.widget.RecyclerView.Adapter

bindViewHolder, createViewHolder, getItemId, getItemViewType, hasObservers, hasStableIds, notifyDataSetChanged, notifyItemChanged, notifyItemInserted, notifyItemMoved, notifyItemRangeChanged, notifyItemRangeInserted, notifyItemRangeRemoved, notifyItemRemoved, onAttachedToRecyclerView, onBindViewHolder, onDetachedFromRecyclerView, onFailureToRecycleView, onViewAttachedToWindow, onViewDetachedFromWindow, onViewRecycled, registerAdapterDataObserver, setHasStableIds, unregisterAdapterDataObserver

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail**view**

public android.view.View view

Constructor Detail**RequestsAdapter**

public RequestsAdapter (android.content.Context context,
java.util.ArrayList<Request> list)

Method Detail**getItemCount**

```
public int getItemCount()
```

Specified by:

```
getItemCount in  
class android.support.v7.widget.RecyclerView.Adapter<RequestsAdapter.RequestsViewHolder>
```

Returns:

the total number of requests for the books

onBindViewHolder

```
public void onBindViewHolder(RequestsAdapter.RequestsViewHolder mVh,  
                           int i)
```

Attaches content to the each request in the view.

Specified by:

```
onBindViewHolder in  
class android.support.v7.widget.RecyclerView.Adapter<RequestsAdapter.RequestsViewHolder>
```

Parameters:

```
mVh -  
i -
```

onCreateViewHolder

```
public RequestsAdapter.RequestsViewHolder onCreateViewHolder(android.view.ViewGroup viewGroup,  
                                                               int i)
```

Specified by:

```
onCreateViewHolder in  
class android.support.v7.widget.RecyclerView.Adapter<RequestsAdapter.RequestsViewHolder>
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY](#): [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL](#): [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook

Class RequestTest

java.lang.Object
ca.ualberta.c301w19t14.onebook.RequestTest

```
public class RequestTest
extends java.lang.Object
```

Field Summary

Fields

Modifier and Type	Field and Description
java.lang.String	author
User	bob
java.lang.String	bob_email
java.lang.String	bob_name
java.lang.String	bob_uid
Book	book
Location	calgary
double	calgary_lat
double	calgary_long
java.lang.String	calgary_name
java.lang.String	description
Location	edmonton
double	edmonton_lat
double	edmonton_long
java.lang.String	edmonton_name
long	isbn
Notification	notification
java.util.ArrayList<Request>	req

Request	request
java.lang.String	request_id2
java.lang.String	status
User	steve
java.lang.String	steve_email
java.lang.String	steve_name
java.lang.String	steve_uid
java.lang.String	title

Constructor Summary

Constructors

Constructor and Description

RequestTest()

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
void	testSetID()
void	testSetLocation()
void	testSetOwner()

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

steve_uid

public java.lang.String steve_uid

bob_uid

```
public java.lang.String bob_uid
```

steve_name

```
public java.lang.String steve_name
```

bob_name

```
public java.lang.String bob_name
```

steve_email

```
public java.lang.String steve_email
```

bob_email

```
public java.lang.String bob_email
```

edmonton_name

```
public java.lang.String edmonton_name
```

edmonton_lat

```
public double edmonton_lat
```

edmonton_long

```
public double edmonton_long
```

calgary_name

```
public java.lang.String calgary_name
```

calgary_lat

```
public double calgary_lat
```

calgary_long

```
public double calgary_long
```

isbn

```
public long isbn
```

request_id2

```
public java.lang.String request_id2
```

title

```
public java.lang.String title
```

author

```
public java.lang.String author
```

description

```
public java.lang.String description
```

status

```
public java.lang.String status
```

req

```
public java.util.ArrayList<Request> req
```

steve

```
public User steve
```

bob

```
public User bob
```

edmonton

```
public Location edmonton
```

calgary

```
public Location calgary
```

book

```
public Book book
```

request

```
public Request request
```

notification

```
public Notification notification
```

Constructor Detail

RequestTest

```
public RequestTest()
```

Method Detail

testSetOwner

```
public void testSetOwner()
```

testSetLocation

```
public void testSetLocation()
```

testSetID

```
public void testSetID()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED | FIELD | CONSTR | METHOD](#) [DETAIL: FIELD | CONSTR | METHOD](#)

ca.ualberta.c301w19t14.onebook.activities

Class ScanIsbnActivity

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.view.ContextThemeWrapper
                android.app.Activity
                    android.support.v4.app.SupportActivity
                    android.support.v4.app.FragmentActivity
                    android.support.v7.app.AppCompatActivity
                    ca.ualberta.c301w19t14.onebook.activities.ScanIsbnActivity
```

All Implemented Interfaces:

```
android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator,
android.support.v4.app.TaskStackBuilder.SupportParentable,
android.support.v4.view.KeyEventDispatcher.Component,
android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback, android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback
```

```
public class ScanIsbnActivity
extends android.support.v7.app.AppCompatActivity
```

This class implements a scanner for ISBN codes. Uses phone's camera to create the scanner.

Version:

1.0

Author:

CMPUT301 Team14: Anastasia B

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

```
    android.support.v4.app.SupportActivity.ExtraData
```

Field Summary

Fields inherited from class android.app.Activity

```
DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL,  
DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET,  
RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK
```

Fields inherited from class android.content.Context

```
ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,  
APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,  
BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,  
BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,  
BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,  
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,  
COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,  
CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,  
CROSS_PROFILE_APPS_SERVICE, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE,  
DOWNLOAD_SERVICE, DROPBOX_SERVICE, EUICC_SERVICE, FINGERPRINT_SERVICE,  
HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, IPSEC_SERVICE,  
JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,  
LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,  
MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,  
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS,  
MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE,  
NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,  
RECEIVER_VISIBLE_TO_INSTANT_APPS, RESTRICTIONS_SERVICE, SEARCH_SERVICE,  
SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, STORAGE_STATS_SERVICE,  
SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE,  
TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_CLASSIFICATION_SERVICE,  
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,  
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE,  
WIFI_AWARE_SERVICE, WIFI_P2P_SERVICE, WIFI_RTT_RANGING_SERVICE, WIFI_SERVICE,  
WINDOW_SERVICE
```

Fields inherited from interface android.content.ComponentCallbacks2

```
TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,  
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,  
TRIM_MEMORY_UI_HIDDEN
```

Constructor Summary

Constructors

Constructor and Description

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
protected void	<code>onActivityResult</code> (int requestCode, int resultCode, android.content.Intent data)	
protected void	<code>onCreate</code> (android.os.Bundle savedInstanceState) Initializes the view.	

Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, closeOptionsMenu, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onKeyDown, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, openOptionsMenu, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getLifecycle, getSupportFragmentManager, getSupportLoaderManager, getViewModelStore, onAttachFragment, onBackPressed, onCreatePanelMenu, onCreateView, onCreateView, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsPanel, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, startActivityForResult, startActivityForResult, startActivityFromFragment, startActivityFromFragment, startIntentSenderForResult, startIntentSenderForResult, startIntentSenderFromFragment, supportFinishAfterTransition, supportPostponeEnterTransition, supportStartPostponedEnterTransition, validateRequestPermissionsRequestCode

Methods inherited from class android.support.v4.app.SupportActivity

dispatchKeyShortcutEvent, getExtraData, putExtraData, superDispatchKeyEvent

Methods inherited from class android.app.Activity

attachBaseContext, closeContextMenu, createPendingResult, dismissDialog, dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent, dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent, enterPictureInPictureMode, enterPictureInPictureMode, finish, finishActivity, finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask, finishFromChild, getActionBar, getApplication, getCallingActivity, getCallingPackage, getChangingConfigurations, getComponentName, getContentscene, getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent, getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager, getLocalClassName, getMaxNumPictureInPictureActions, getMediaController, getParent, getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation, getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor, getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager, hasWindowFocus, isActivityTransitionRunning, isChangingConfigurations, isChild, isDestroyed, isFinishing, isImmersive, isInMultiWindowMode, isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot, isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack, navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted, onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment, onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate, onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog, onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView, onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete, onGenericMotionEvent, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped, onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild, onOptionsItemSelected, onOptionsMenuClosed, onPictureInPictureModeChanged, onPostCreate, onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack, onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData, onProvideKeyboardShortcuts, onProvideReferrer, onRestart, onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState, onSearchRequested, onSearchRequested, onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint, onVisibleBehindCanceled, onWindowAttributesChanged, onWindowFocusChanged, onWindowStartingActionMode, onWindowStartingActionMode, openContextMenu, overridePendingTransition, postponeEnterTransition, recreate, registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn, requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts, requestVisibleBehind, requestWindowFeature, requireViewById, runOnUiThread, setActionBar, setContentTransitionManager, setDefaultKeyMode, setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable, setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri, setFinishOnTouchOutside, setImmersive, setIntent, setMediaController, setPictureInPictureParams, setProgress, setProgressBarIndeterminate, setProgressBarIndeterminateVisibility, setProgressBarVisibility, setRequestedOrientation, setResult, setResult, setSecondaryProgress, setShowWhenLocked, setTaskDescription, setTitle, setTitle, setTitleColor, setTurnScreenOn, setVisible, setVolumeControlStream, setVrModeEnabled, shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog,

```
showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode,  
startActivities, startActivities, startActivity, startActivity,  
startActivityFromChild, startActivityFromChild, startActivityFromFragment,  
startActivityFromFragment, startActivityForResultIfNeeded, startActivityForResultIfNeeded,  
startIntentSender, startIntentSender, startIntentSenderFromChild,  
startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask,  
startManagingCursor, startNextMatchingActivity, startNextMatchingActivity,  
startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask,  
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu
```

Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, getAssets, getTheme
```

Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission, checkCallingOrSelfUriPermission,  
checkCallingPermission, checkCallingUriPermission, checkPermission,  
checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper,  
createConfigurationContext, createContextForSplit,  
createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,  
databaseList, deleteDatabase, deleteFile, deleteSharedPreferences,  
enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission,  
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,  
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,  
getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir,  
getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir,  
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,  
getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainExecutor,  
getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,  
getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences,  
getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight,  
getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage,  
isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,  
openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper,  
registerReceiver, registerReceiver, registerReceiver, registerReceiver,  
removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission,  
revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser,  
sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast,  
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,  
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,  
setWallpaper, startForegroundService, startInstrumentation, startService,  
stopService, unbindService, unregisterReceiver
```

Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString, getSystemService,  
getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,  
obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks
```

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface android.view.Window.Callback

onPointerCaptureChanged

Constructor Detail

ScanIsbnActivity

```
public ScanIsbnActivity()
```

Method Detail

onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Initializes the view.

Overrides:

onCreate in class android.support.v7.app.AppCompatActivity

Parameters:

savedInstanceState -

onActivityResult

```
protected void onActivityResult(int requestCode,
                               int resultCode,
                               @Nullable
                               android.content.Intent data)
```

Overrides:

onActivityResult in class android.support.v4.app.FragmentActivity

[PREV CLASS](#) [NEXT CLASS](#)[FRAMES](#) [NO FRAMES](#)[ALL CLASSES](#)SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.activities

Class SearchingActivity

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.view.ContextThemeWrapper
                android.app.Activity
                    android.support.v4.app.SupportActivity
                    android.support.v4.app.FragmentActivity
                    android.support.v7.app.AppCompatActivity
                    ca.ualberta.c301w19t14.onebook.activities.SearchingActivity
```

All Implemented Interfaces:

```
android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator,
android.support.v4.app.TaskStackBuilder.SupportParentable,
android.support.v4.view.KeyEventDispatcher.Component,
android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback, android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback
```

```
public class SearchingActivity
extends android.support.v7.app.AppCompatActivity
```

This class allows a user to do a key word search on a book title Currently only allows keyword searches on title, but we need to update it to include author, description, owner, and isbn the search is currently case sensitive and we need to change that.

Version:

1.0

Author:

CMPUT301 Team14: Oran R

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

```
android.support.v4.app.SupportActivity.ExtraData
```

Field Summary

Fields

Modifier and Type	Field and Description
<code>BookAdapter</code>	<code>ba</code>
<code>java.util.ArrayList<Book></code>	<code>books</code>
<code>static boolean[]</code>	<code>checkedFilters</code>

Fields inherited from class android.app.Activity

`DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL,`
`DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET,`
`RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK`

Fields inherited from class android.content.Context

`ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,`
`APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,`
`BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,`
`BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,`
`BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,`
`CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,`
`COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,`
`CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,`
`CROSS_PROFILE_APPS_SERVICE, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE,`
`DOWNLOAD_SERVICE, DROPBOX_SERVICE, EUICC_SERVICE, FINGERPRINT_SERVICE,`
`HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, IPSEC_SERVICE,`
`JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,`
`LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,`
`MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,`
`MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS,`
`MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE,`
`NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,`
`RECEIVER_VISIBLE_TO_INSTANT_APPS, RESTRICTIONS_SERVICE, SEARCH_SERVICE,`
`SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, STORAGE_STATS_SERVICE,`
`SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE,`
`TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_CLASSIFICATION_SERVICE,`
`TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,`
`USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE,`
`WIFI_AWARE_SERVICE, WIFI_P2P_SERVICE, WIFI_RTT_RANGING_SERVICE, WIFI_SERVICE,`
`WINDOW_SERVICE`

Fields inherited from interface android.content.ComponentCallbacks2

`TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,`

TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,
TRIM_MEMORY_UI_HIDDEN

Constructor Summary

Constructors

Constructor and Description

SearchingActivity()

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
protected void	onCreate (android.os.Bundle savedInstanceState) Initializes the view.
boolean	onCreateOptionsMenu (android.view.Menu menu)
boolean	onOptionsItemSelected (android.view.MenuItem item)

Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, closeOptionsMenu, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onKeyDown, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, openOptionsMenu, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getLifecycle, getSupportFragmentManager, getSupportLoaderManager, getViewModelStore, onActivityResult, onAttachFragment, onBackPressed, onCreatePanelMenu, onCreateView, onCreateView, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments,

```
onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance,  
onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback,  
startActivityForResult, startActivityForResult, startActivityFromFragment,  
startActivityFromFragment, startIntentSenderForResult, startIntentSenderForResult,  
startIntentSenderFromFragment, supportFinishAfterTransition,  
supportPostponeEnterTransition, supportStartPostponedEnterTransition,  
validateRequestPermissionsRequestCode
```

Methods inherited from class android.support.v4.app.SupportActivity

```
dispatchKeyShortcutEvent, getExtraData, putExtraData, superDispatchKeyEvent
```

Methods inherited from class android.app.Activity

```
attachBaseContext, closeContextMenu, createPendingResult, dismissDialog,  
dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent,  
dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent,  
enterPictureInPictureMode, enterPictureInPictureMode, finish, finishActivity,  
finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask,  
finishFromChild, getActionBar, getApplication, getCallingActivity,  
getCallingPackage, getChangingConfigurations, getComponentName, getContentScene,  
getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent,  
getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager,  
getLocalClassName, getMaxNumPictureInPictureActions, getMediaController, getParent,  
getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation,  
getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor,  
getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager,  
hasWindowFocus, isActivityTransitionRunning, isChangingConfigurations, isChild,  
isDestroyed, isFinishing, isImmersive, isInMultiWindowMode,  
isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot,  
isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack,  
navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted,  
onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment,  
onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate,  
onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog,  
onCreateNavigateUpTaskStack, onCreatePanelView, onCreateThumbnail,  
onDetachedFromWindow, onEnterAnimationComplete, onGenericMotionEvent,  
onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp,  
onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped,  
onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild, onOptionsMenuClosed,  
onPictureInPictureModeChanged, onPostCreate, onPrepareDialog, onPrepareDialog,  
onPrepareNavigateUpTaskStack, onPrepareOptionsMenu, onProvideAssistContent,  
onProvideAssistData, onProvideKeyboardShortcuts, onProvideReferrer, onRestart,  
onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState,  
onSearchRequested, onSearchRequested, onTouchEvent, onTrackballEvent, onTrimMemory,  
onUserInteraction, onUserLeaveHint, onVisibleBehindCanceled,  
onWindowAttributesChanged, onWindowFocusChanged, onWindowStartingActionMode,  
onWindowStartingActionMode, openContextMenu, overridePendingTransition,  
postponeEnterTransition, recreate, registerForContextMenu, releaseInstance,  
removeDialog, reportFullyDrawn, requestDragAndDropPermissions, requestPermissions,
```

```
requestShowKeyboardShortcuts, requestVisibleBehind, requestWindowFeature,  
requireViewById, runOnUiThread, setActionBar, setContentTransitionManager,  
setDefaultKeyMode, setEnterSharedElementCallback, setExitSharedElementCallback,  
setFeatureDrawable, setFeatureDrawableAlpha, setFeatureDrawableResource,  
setFeatureDrawableUri, setFinishOnTouchOutside, setImmersive, setIntent,  
setMediaController, setPictureInPictureParams, setProgress,  
setProgressBarIndeterminate, setProgressBarIndeterminateVisibility,  
setProgressBarVisibility, setRequestedOrientation, setResult, setResult,  
setSecondaryProgress, setShowWhenLocked, setTaskDescription, setTitle, setTitle,  
setTitleColor, setTurnScreenOn, setVisible, setVolumeControlStream,  
setVrModeEnabled, shouldShowRequestPermissionRationale, shouldUpRecreateTask,  
showAssist, showDialog, showDialog, showLockTaskEscapeMessage, startActionMode,  
startActionMode, startActivities, startActivities, startActivity, startActivity,  
startActivityFromChild, startActivityFromChild, startActivityFromFragment,  
startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded,  
startIntentSender, startIntentSender, startIntentSenderFromChild,  
startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask,  
startManagingCursor, startNextMatchingActivity, startNextMatchingActivity,  
startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask,  
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu
```

Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, getAssets, getTheme
```

Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission, checkCallingOrSelfUriPermission,  
checkCallingPermission, checkCallingUriPermission, checkPermission,  
checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper,  
createConfigurationContext, createContextForSplit,  
createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,  
databaseList, deleteDatabase, deleteFile, deleteSharedPreferences,  
enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission,  
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,  
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,  
getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir,  
getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir,  
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,  
getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainExecutor,  
getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,  
getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences,  
getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight,  
getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage,  
isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,  
openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper,  
registerReceiver, registerReceiver, registerReceiver, registerReceiver,  
removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission,  
revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser,  
sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast,
```

```
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,  
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,  
setWallpaper, startForegroundService, startInstrumentation, startService,  
stopService, unbindService, unregisterReceiver
```

Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString, getSystemService,  
getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,  
obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,  
wait, wait
```

Methods inherited from interface android.view.Window.Callback

```
onPointerCaptureChanged
```

Field Detail

ba

```
public BookAdapter ba
```

books

```
public java.util.ArrayList<Book> books
```

checkedFilters

```
public static boolean[] checkedFilters
```

Constructor Detail

SearchingActivity

```
public SearchingActivity()
```

Method Detail

onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Initializes the view.

Overrides:

onCreate in class android.support.v7.app.AppCompatActivity

Parameters:

savedInstanceState -

onCreateOptionsMenu

```
public boolean onCreateOptionsMenu(android.view.Menu menu)
```

Overrides:

onCreateOptionsMenu in class android.app.Activity

Parameters:

menu -

Returns:

onOptionsItemSelected

```
public boolean onOptionsItemSelected(android.view.MenuItem item)
```

Overrides:

onOptionsItemSelected in class android.app.Activity

Parameters:

item -

Returns:

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY](#): [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL](#): [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook

Class SearchingTest

java.lang.Object
 ca.ualberta.c301w19t14.onebook.SearchingTest

```
public class SearchingTest
extends java.lang.Object
```

This test checks to see if a user can enter search details into the search bar to filter the available books

Author:

CMPUT301 Team14

Field Summary

Fields

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<SearchingActivity>	activityRule
boolean	complete
java.lang.String	email
java.lang.String	email12
java.lang.String	password
int	resID

Constructor Summary

Constructors**Constructor and Description****SearchingTest ()**

Method Summary

All Methods**Instance Methods****Concrete Methods**

Modifier and Type	Method and Description
void	<code>init()</code>
void	<code>SearchingTest()</code>

Methods inherited from class java.lang.Object

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

complete

public boolean complete

email

public java.lang.String email

email2

public java.lang.String email2

password

public java.lang.String password

resID

public int resID

activityRule

public androidx.test.rule.ActivityTestRule<SearchingActivity> activityRule

Constructor Detail

SearchingTest

```
public SearchingTest()
```

Method Detail

init

```
public void init()
```

SearchingTest

```
public void SearchingTest()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.models

Class User

java.lang.Object
ca.ualberta.c301w19t14.onebook.models.User

```
public class User
extends java.lang.Object
```

This class is for the user and encompasses borrowers and owners

Version:

1.0

Author:

CMPUT301 Team14

See Also:

UserLoginActivity

Constructor Summary

Constructors

Constructor and Description

`User()`

`User(java.lang.String uid, java.lang.String name, java.lang.String email)`

Method Summary

All Methods

Static Methods

Instance Methods

Concrete Methods

Modifier and Type

Method and Description

java.lang.String

`getEmail()`

getter for email

java.lang.String

`getName()`

getter for user name

java.lang.String

`getUid()`

getter for user id.

```
void           setEmail(java.lang.String email)
              setter email

void           setName(java.lang.String name)
              set user name

void           setUid(java.lang.String uid)
              set user id

static void    updateDatabase(java.lang.String firebaseUid)
              updates the firebase database

static void    updateEmail(java.lang.String firebaseUid,
                          java.lang.String new_email)
              updates the user's email

static void    updateName(java.lang.String firebaseUid,
                         java.lang.String new_name)
              updates the user's name

static void    updatePassword(java.lang.String firebaseUid,
                            java.lang.String new_password)
              updates the user's passwords
```

Methods inherited from class `java.lang.Object`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,
wait, wait
```

Constructor Detail

User

```
public User()
```

User

```
public User(java.lang.String uid,
            java.lang.String name,
            java.lang.String email)
```

Parameters:

uid -

name -

email -

Method Detail

updateDatabase

```
public static void updateDatabase(java.lang.String firebaseUid)
```

updates the firebase database

Parameters:

firebaseUid -

updateEmail

```
public static void updateEmail(java.lang.String firebaseUid,  
                               java.lang.String new_email)
```

updates the user's email

Parameters:

firebaseUid -

new_email -

updateName

```
public static void updateName(java.lang.String firebaseUid,  
                            java.lang.String new_name)
```

updates the user's name

Parameters:

firebaseUid -

new_name -

updatePassword

```
public static void updatePassword(java.lang.String firebaseUid,  
                                 java.lang.String new_password)
```

updates the user's passwords

Parameters:

firebaseUid -

new_password -

setEmail

```
public void setEmail(java.lang.String email)
```

setter email

Parameters:

email -

getUid

```
public java.lang.String getUid()
```

getter for user id. user id's are automatically generated by firebase

Returns:

getName

```
public java.lang.String getName()
```

getter for user name

Returns:

getEmail

```
public java.lang.String getEmail()
```

getter for email

Returns:

setUid

```
public void setUid(java.lang.String uid)
```

set user id

Parameters:

uid -

setName

```
public void setName(java.lang.String name)
```

set user name

Parameters:

name -

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED | FIELD | CONSTR | METHOD](#) [DETAIL: FIELD | CONSTR | METHOD](#)

ca.ualberta.c301w19t14.onebook.activities

Class UserAccountActivity

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.view.ContextThemeWrapper
                android.app.Activity
                    android.support.v4.app.SupportActivity
                    android.support.v4.app.FragmentActivity
                    android.support.v7.app.AppCompatActivity
                    ca.ualberta.c301w19t14.onebook.activities.UserAccountActivity
```

All Implemented Interfaces:

```
android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator,
android.support.v4.app.TaskStackBuilder.SupportParentable,
android.support.v4.view.KeyEventDispatcher.Component,
android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback, android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback
```

```
public class UserAccountActivity
extends android.support.v7.app.AppCompatActivity
```

This class shows a user's information when someone clicks on the owner of a book.

Version:

1.0

Author:

CMPUT301 Team14

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

```
    android.support.v4.app.SupportActivity.ExtraData
```

Field Summary

Fields inherited from class android.app.Activity

```
DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL,  
DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET,  
RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK
```

Fields inherited from class android.content.Context

```
ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,  
APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,  
BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,  
BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,  
BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,  
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,  
COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,  
CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,  
CROSS_PROFILE_APPS_SERVICE, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE,  
DOWNLOAD_SERVICE, DROPBOX_SERVICE, EUICC_SERVICE, FINGERPRINT_SERVICE,  
HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, IPSEC_SERVICE,  
JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,  
LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,  
MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,  
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS,  
MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE,  
NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,  
RECEIVER_VISIBLE_TO_INSTANT_APPS, RESTRICTIONS_SERVICE, SEARCH_SERVICE,  
SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, STORAGE_STATS_SERVICE,  
SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE,  
TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_CLASSIFICATION_SERVICE,  
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,  
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE,  
WIFI_AWARE_SERVICE, WIFI_P2P_SERVICE, WIFI_RTT_RANGING_SERVICE, WIFI_SERVICE,  
WINDOW_SERVICE
```

Fields inherited from interface android.content.ComponentCallbacks2

```
TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,  
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,  
TRIM_MEMORY_UI_HIDDEN
```

Constructor Summary

Constructors

Constructor and Description

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
protected void	<code>onCreate</code> (android.os.Bundle savedInstanceState)	

Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, closeOptionsMenu, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onKeyDown, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, openOptionsMenu, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getLifecycle, getSupportFragmentManager, getSupportLoaderManager, getViewModelStore, onActivityResult, onAttachFragment, onBackPressed, onCreatePanelMenu, onCreateView, onCreateView, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, startActivityForResultForResult, startActivityForResultForResult, startActivityFromFragment, startActivityFromFragment, startIntentSenderForResult, startIntentSenderForResult, startIntentSenderFromFragment, supportFinishAfterTransition, supportPostponeEnterTransition, supportStartPostponedEnterTransition, validateRequestPermissionsRequestCode

Methods inherited from class android.support.v4.app.SupportActivity

dispatchKeyShortcutEvent, getExtraData, putExtraData, superDispatchKeyEvent

Methods inherited from class android.app.Activity

attachBaseContext, closeContextMenu, createPendingResult, dismissDialog,

dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent,
dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent,
enterPictureInPictureMode, enterPictureInPictureMode, finish, finishActivity,
finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask,
finishFromChild, getActionBar, getApplication, getCallingActivity,
getCallingPackage, getChangingConfigurations, getComponentName, getContentScene,
getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent,
getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager,
getLocalClassName, getMaxNumPictureInPictureActions, getMediaController, getParent,
getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation,
getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor,
getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager,
hasWindowFocus, isActivityTransitionRunning, isChangingConfigurations, isChild,
isDestroyed, isFinishing, isImmersive, isInMultiWindowMode,
isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot,
isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack,
navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted,
onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment,
onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate,
onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog,
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,
onGenericMotionEvent, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp,
onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped,
onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild,
onOptionsItemSelected, onOptionsMenuClosed, onPictureInPictureModeChanged,
onPostCreate, onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,
onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,
onProvideKeyboardShortcuts, onProvideReferrer, onRestart, onRestoreInstanceState,
onRestoreInstanceState, onSaveInstanceState, onSearchRequested, onSearchRequested,
onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,
onVisibleBehindCanceled, onWindowAttributesChanged, onWindowFocusChanged,
onWindowStartingActionMode, onWindowStartingActionMode, openContextMenu,
overridePendingTransition, postponeEnterTransition, recreate,
registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn,
requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts,
requestVisibleBehind, requestWindowFeature, requireViewById, runOnUiThread,
setActionBar, setContentTransitionManager, setDefaultKeyMode,
setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable,
setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri,
setFinishOnTouchOutside, setImmersive, setIntent, setMediaController,
setPictureInPictureParams, setProgress, setProgressBarIndeterminate,
setProgressBarIndeterminateVisibility, setProgressBarVisibility,
setRequestedOrientation, setResult, setResult, setSecondaryProgress,
setShowWhenLocked, setTaskDescription, setTitle, setTitle, setTitleColor,
setTurnScreenOn, setVisible, setVolumeControlStream, setVrModeEnabled,
shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog,
showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode,
startActivities, startActivities, startActivity, startActivity,
startActivityFromChild, startActivityFromChild, startActivityFromFragment,
startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded,

```
startIntentSender, startIntentSender, startIntentSenderFromChild,  
startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask,  
startManagingCursor, startNextMatchingActivity, startNextMatchingActivity,  
startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask,  
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu
```

Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, getAssets, getTheme
```

Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission, checkCallingOrSelfUriPermission,  
checkCallingPermission, checkCallingUriPermission, checkPermission,  
checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper,  
createConfigurationContext, createContextForSplit,  
createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,  
databaseList, deleteDatabase, deleteFile, deleteSharedPreferences,  
enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission,  
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,  
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,  
getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir,  
getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir,  
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,  
getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainExecutor,  
getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,  
getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences,  
getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight,  
getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage,  
isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,  
openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper,  
registerReceiver, registerReceiver, registerReceiver, registerReceiver,  
removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission,  
revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser,  
sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast,  
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,  
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,  
setWallpaper, startForegroundService, startInstrumentation, startService,  
stopService, unbindService, unregisterReceiver
```

Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString, getSystemService,  
getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,  
obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,
```

wait, wait

Methods inherited from interface android.view.Window.Callback

onPointerCaptureChanged

Constructor Detail

UserAccountActivity

public UserAccountActivity()

Method Detail

onCreate

protected void onCreate(android.os.Bundle savedInstanceState)

Overrides:

onCreate in class android.support.v7.app.AppCompatActivity

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.activities

Class UserLoginActivity

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.view.ContextThemeWrapper
                android.app.Activity
                    android.support.v4.app.SupportActivity
                    android.support.v4.app.FragmentActivity
                    android.support.v7.app.AppCompatActivity
                    ca.ualberta.c301w19t14.onebook.activities.UserLoginActivity
```

All Implemented Interfaces:

```
android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator,
android.support.v4.app.TaskStackBuilder.SupportParentable,
android.support.v4.view.KeyEventDispatcher.Component,
android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback, android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback
```

```
public class UserLoginActivity
extends android.support.v7.app.AppCompatActivity
```

This class implements the user login functionality. Allows a user to login with an email and password and create will promote new account creation when a user inputs an email that isn't already associated with an account.

Author:

CMPUT301 Team14

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

```
    android.support.v4.app.SupportActivity.ExtraData
```

Field Summary

Fields inherited from class android.app.Activity

```
DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL,  
DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET,  
RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK
```

Fields inherited from class android.content.Context

```
ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,  
APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,  
BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,  
BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,  
BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,  
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,  
COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,  
CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,  
CROSS_PROFILE_APPS_SERVICE, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE,  
DOWNLOAD_SERVICE, DROPBOX_SERVICE, EUICC_SERVICE, FINGERPRINT_SERVICE,  
HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, IPSEC_SERVICE,  
JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,  
LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,  
MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,  
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS,  
MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE,  
NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,  
RECEIVER_VISIBLE_TO_INSTANT_APPS, RESTRICTIONS_SERVICE, SEARCH_SERVICE,  
SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, STORAGE_STATS_SERVICE,  
SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE,  
TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_CLASSIFICATION_SERVICE,  
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,  
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE,  
WIFI_AWARE_SERVICE, WIFI_P2P_SERVICE, WIFI_RTT_RANGING_SERVICE, WIFI_SERVICE,  
WINDOW_SERVICE
```

Fields inherited from interface android.content.ComponentCallbacks2

```
TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,  
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,  
TRIM_MEMORY_UI_HIDDEN
```

Constructor Summary

Constructors

Constructor and Description

[UserLoginActivity\(\)](#)

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
protected void	<code>onActivityResult(int requestCode, int resultCode, android.content.Intent data)</code>	
protected void	<code>onCreate(android.os.Bundle savedInstanceState)</code> Initializes the view.	

Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, closeOptionsMenu, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onKeyDown, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, openOptionsMenu, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getLifecycle, getSupportFragmentManager, getSupportLoaderManager, getViewModelStore, onAttachFragment, onBackPressed, onCreatePanelMenu, onCreateView, onCreateView, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, startActivityForResultForResult, startActivityForResultForResult, startActivityForResultFromFragment, startActivityForResultFromFragment, startIntentSenderForResult, startIntentSenderForResult, startIntentSenderFromFragment, supportFinishAfterTransition, supportPostponeEnterTransition, supportStartPostponedEnterTransition, validateRequestPermissionsRequestCode

Methods inherited from class android.support.v4.app.SupportActivity

dispatchKeyShortcutEvent, getExtraData, putExtraData, superDispatchKeyEvent

Methods inherited from class android.app.Activity

attachBaseContext, closeContextMenu, createPendingResult, dismissDialog,
dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent,
dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent,
enterPictureInPictureMode, enterPictureInPictureMode, finish, finishActivity,
finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask,
finishFromChild, getActionBar, getApplication, getCallingActivity,
getCallingPackage, getChangingConfigurations, getComponentName, getContentScene,
getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent,
getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager,
getLocalClassName, getMaxNumPictureInPictureActions, getMediaController, getParent,
getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation,
getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor,
getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager,
hasWindowFocus, isActivityTransitionRunning, isChangingConfigurations, isChild,
isDestroyed, isFinishing, isImmersive, isInMultiWindowMode,
isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot,
isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack,
navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted,
onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment,
onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate,
onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog,
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,
onGenericMotionEvent, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp,
onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped,
onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild,
onOptionsItemSelected, onOptionsMenuClosed, onPictureInPictureModeChanged,
onPostCreate, onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,
onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,
onProvideKeyboardShortcuts, onProvideReferrer, onRestart, onRestoreInstanceState,
onRestoreInstanceState, onSaveInstanceState, onSearchRequested, onSearchRequested,
onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,
onVisibleBehindCanceled, onWindowAttributesChanged, onWindowFocusChanged,
onWindowStartingActionMode, onWindowStartingActionMode, openContextMenu,
overridePendingTransition, postponeEnterTransition, recreate,
registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn,
requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts,
requestVisibleBehind, requestWindowFeature, requireViewById, runOnUiThread,
setActionBar, setContentTransitionManager, setDefaultKeyMode,
setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable,
setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri,
setFinishOnTouchOutside, setImmersive, setIntent, setMediaController,
setPictureInPictureParams, setProgress, setProgressBarIndeterminate,
setProgressBarIndeterminateVisibility, setProgressBarVisibility,
setRequestedOrientation, setResult, setResult, setSecondaryProgress,
setShowWhenLocked, setTaskDescription, setTitle, setTitle, setTitleColor,
setTurnScreenOn, setVisible, setVolumeControlStream, setVrModeEnabled,
shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog,
showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode,
startActivities, startActivities, startActivity, startActivity,

```
startActivityFromChild, startActivityFromChild, startActivityFromFragment,  
startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded,  
startIntentSender, startIntentSender, startIntentSenderFromChild,  
startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask,  
startManagingCursor, startNextMatchingActivity, startNextMatchingActivity,  
startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask,  
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu
```

Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, getAssets, getTheme
```

Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission, checkCallingOrSelfUriPermission,  
checkCallingPermission, checkCallingUriPermission, checkPermission,  
checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper,  
createConfigurationContext, createContextForSplit,  
createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,  
databaseList, deleteDatabase, deleteFile, deleteSharedPreferences,  
enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission,  
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,  
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,  
getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir,  
getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir,  
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,  
getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainExecutor,  
getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,  
getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences,  
getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight,  
getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage,  
isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,  
openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper,  
registerReceiver, registerReceiver, registerReceiver, registerReceiver,  
removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission,  
revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser,  
sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast,  
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,  
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,  
setWallpaper, startForegroundService, startInstrumentation, startService,  
stopService, unbindService, unregisterReceiver
```

Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString, getSystemService,  
getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,  
obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,
wait, wait
```

Methods inherited from interface android.view.Window.Callback

```
onPointerCaptureChanged
```

Constructor Detail

UserLoginActivity

```
public UserLoginActivity()
```

Method Detail

onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Initializes the view.

Overrides:

```
onCreate in class android.support.v7.app.AppCompatActivity
```

Parameters:

```
savedInstanceState -
```

onActivityResult

```
protected void onActivityResult(int requestCode,
                               int resultCode,
                               android.content.Intent data)
```

Overrides:

```
onActivityResult in class android.support.v4.app.FragmentActivity
```

Parameters:

```
requestCode -
```

```
resultCode -
```

```
data -
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

SUMMARY: NESTED | FIELD | CONSTR | METHOD

DETAIL: FIELD | CONSTR | METHOD

ca.ualberta.c301w19t14.onebook

Class UserTest

java.lang.Object
ca.ualberta.c301w19t14.onebook.UserTest

```
public class UserTest
extends java.lang.Object
```

Field Summary

Fields

Modifier and Type	Field and Description
java.lang.String	author
User	bob
java.lang.String	bob_email
java.lang.String	bob_name
java.lang.String	bob_uid
Book	book
Location	calgary
double	calgary_lat
double	calgary_long
java.lang.String	calgary_name
java.lang.String	description
Location	edmonton
double	edmonton_lat
double	edmonton_long
java.lang.String	edmonton_name
long	isbn
java.util.ArrayList<Request>	req
java.lang.String	status

User	steve
java.lang.String	steve_email
java.lang.String	steve_name
java.lang.String	steve_uid
java.lang.String	title

Constructor Summary

Constructors

Constructor and Description

`UserTest()`

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type

Method and Description

void	<code>checkSetEmail()</code>
void	<code>checkSetUserID()</code>
void	<code>checkSetUsername()</code>

Methods inherited from class java.lang.Object

`clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait`

Field Detail

steve_uid

`public java.lang.String steve_uid`

bob_uid

`public java.lang.String bob_uid`

steve_name

```
public java.lang.String steve_name
```

bob_name

```
public java.lang.String bob_name
```

steve_email

```
public java.lang.String steve_email
```

bob_email

```
public java.lang.String bob_email
```

edmonton_name

```
public java.lang.String edmonton_name
```

edmonton_lat

```
public double edmonton_lat
```

edmonton_long

```
public double edmonton_long
```

calgary_name

```
public java.lang.String calgary_name
```

calgary_lat

```
public double calgary_lat
```

calgary_long

```
public double calgary_long
```

isbn

```
public long isbn
```

title

```
public java.lang.String title
```

author

```
public java.lang.String author
```

description

```
public java.lang.String description
```

status

```
public java.lang.String status
```

req

```
public java.util.ArrayList<Request> req
```

steve

```
public User steve
```

bob

```
public User bob
```

edmonton

```
public Location edmonton
```

calgary

```
public Location calgary
```

book

```
public Book book
```

Constructor Detail

UserTest

```
public UserTest()
```

Method Detail

checkSetUsername

```
public void checkSetUsername()
```

checkSetEmail

```
public void checkSetEmail()
```

checkSetUserID

```
public void checkSetUserID()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | FIELD | CONSTR | METHOD DETAIL: FIELD | CONSTR | METHOD

ca.ualberta.c301w19t14.onebook.activities

Class ViewBookActivity

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.view.ContextThemeWrapper
                android.app.Activity
                    android.support.v4.app.SupportActivity
                    android.support.v4.app.FragmentActivity
                    android.support.v7.app.AppCompatActivity
                    ca.ualberta.c301w19t14.onebook.activities.ViewBookActivity
```

All Implemented Interfaces:

```
android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator,
android.support.v4.app.TaskStackBuilder.SupportParentable,
android.support.v4.view.KeyEventDispatcher.Component,
android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback, android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback
```

```
public class ViewBookActivity
extends android.support.v7.app.AppCompatActivity
```

This class implement a view book information page. Shows all the descriptors for the book and allows updating by the owner for each of the descriptors.

Version:

1.0

Author:

CMPUT301 Team14: Dimitri T, Oran R, Anastasia B, Natalie H.

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

```
android.support.v4.app.SupportActivity.ExtraData
```

Field Summary

Fields

Modifier and Type	Field and Description
android.widget.ImageView	<code>image</code>
android.support.v7.widget.RecyclerView	<code>recyclerView</code>

Fields inherited from class android.app.Activity

DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL,
DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET,
RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK

Fields inherited from class android.content.Context

ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,
APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,
BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,
BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,
BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,
CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,
CROSS_PROFILE_APPS_SERVICE, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE,
DOWNLOAD_SERVICE, DROPBOX_SERVICE, EUICC_SERVICE, FINGERPRINT_SERVICE,
HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, IPSEC_SERVICE,
JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,
LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,
MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS,
MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE,
NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,
RECEIVER_VISIBLE_TO_INSTANT_APPS, RESTRICTIONS_SERVICE, SEARCH_SERVICE,
SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, STORAGE_STATS_SERVICE,
SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE,
TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_CLASSIFICATION_SERVICE,
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE,
WIFI_AWARE_SERVICE, WIFI_P2P_SERVICE, WIFI_RTT_RANGING_SERVICE, WIFI_SERVICE,
WINDOW_SERVICE

Fields inherited from interface android.content.ComponentCallbacks2

TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,
TRIM_MEMORY_UI_HIDDEN

Constructor Summary

Constructors

Constructor and Description

`ViewBookActivity()`

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
protected void	<code>onCreate(android.os.Bundle savedInstanceState)</code> Initializes the view.
boolean	<code>onCreateOptionsMenu(android.view.Menu menu)</code>
boolean	<code>onOptionsItemSelected(android.view.MenuItem item)</code>
boolean	<code>onPrepareOptionsMenu(android.view.Menu menu)</code>
void	<code>onResume()</code>

Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, closeOptionsMenu, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportFragmentManager, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onKeyDown, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, openOptionsMenu, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getLifecycle, getSupportFragmentManager, getSupportLoaderManager, getViewModelStore, onActivityResult, onAttachFragment, onBackPressed, onCreatePanelMenu, onCreateView, onCreateView, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onPreparePanel, onRequestPermissionsResult, onResumeFragments,

```
onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance,  
onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback,  
startActivityForResult, startActivityForResult, startActivityFromFragment,  
startActivityFromFragment, startIntentSenderForResult, startIntentSenderForResult,  
startIntentSenderFromFragment, supportFinishAfterTransition,  
supportPostponeEnterTransition, supportStartPostponedEnterTransition,  
validateRequestPermissionsRequestCode
```

Methods inherited from class android.support.v4.app.SupportActivity

```
dispatchKeyShortcutEvent, getExtraData, putExtraData, superDispatchKeyEvent
```

Methods inherited from class android.app.Activity

```
attachBaseContext, closeContextMenu, createPendingResult, dismissDialog,  
dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent,  
dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent,  
enterPictureInPictureMode, enterPictureInPictureMode, finish, finishActivity,  
finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask,  
finishFromChild, getActionBar, getApplication, getCallingActivity,  
getCallingPackage, getChangingConfigurations, getComponentName, getContentScene,  
getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent,  
getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager,  
getLocalClassName, getMaxNumPictureInPictureActions, getMediaController, getParent,  
getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation,  
getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor,  
getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager,  
hasWindowFocus, isActivityTransitionRunning, isChangingConfigurations, isChild,  
isDestroyed, isFinishing, isImmersive, isInMultiWindowMode,  
isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot,  
isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack,  
navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted,  
onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment,  
onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate,  
onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog,  
onCreateNavigateUpTaskStack, onCreatePanelView, onCreateThumbnail,  
onDetachedFromWindow, onEnterAnimationComplete, onGenericMotionEvent,  
onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp,  
onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped,  
onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild, onOptionsMenuClosed,  
onPictureInPictureModeChanged, onPostCreate, onPrepareDialog, onPrepareDialog,  
onPrepareNavigateUpTaskStack, onProvideAssistContent, onProvideAssistData,  
onProvideKeyboardShortcuts, onProvideReferrer, onRestart, onRestoreInstanceState,  
onRestoreInstanceState, onSaveInstanceState, onSearchRequested, onSearchRequested,  
onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,  
onVisibleBehindCanceled, onWindowAttributesChanged, onWindowFocusChanged,  
onWindowStartingActionMode, onWindowStartingActionMode, openContextMenu,  
overridePendingTransition, postponeEnterTransition, recreate,  
registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn,  
requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts,
```

```
requestVisibleBehind, requestWindowFeature, requireViewById, runOnUiThread,
setActionBar, setContentTransitionManager, setDefaultKeyMode,
setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable,
setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri,
setFinishOnTouchOutside, setImmersive, setIntent, setMediaController,
setPictureInPictureParams, setProgress, setProgressBarIndeterminate,
setProgressBarIndeterminateVisibility, setProgressBarVisibility,
setRequestedOrientation, setResult, setResult, setSecondaryProgress,
setShowWhenLocked, setTaskDescription, setTitle, setTitle, setTitleColor,
setTurnScreenOn, setVisible, setVolumeControlStream, setVrModeEnabled,
shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog,
showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode,
startActivities, startActivities, startActivity, startActivity,
startActivityFromChild, startActivityFromChild, startActivityFromFragment,
startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded,
startIntentSender, startIntentSender, startIntentSenderFromChild,
startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask,
startManagingCursor, startNextMatchingActivity, startNextMatchingActivity,
startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask,
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu
```

Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, getAssets, getTheme
```

Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission, checkCallingOrSelfPermission,
checkCallingPermission, checkCallingUriPermission, checkPermission,
checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper,
createConfigurationContext, createContextForSplit,
createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,
databaseList, deleteDatabase, deleteFile, deleteSharedPreferences,
enforceCallingOrSelfPermission, enforceCallingOrSelfPermission,
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,
getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir,
getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir,
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,
getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainExecutor,
getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,
getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences,
getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight,
getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage,
isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,
openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper,
registerReceiver, registerReceiver, registerReceiver, registerReceiver,
removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission,
revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser,
sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast,
```

```
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,  
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,  
setWallpaper, startForegroundService, startInstrumentation, startService,  
stopService, unbindService, unregisterReceiver
```

Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString, getSystemService,  
getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,  
obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,  
wait, wait
```

Methods inherited from interface android.view.Window.Callback

```
onPointerCaptureChanged
```

Field Detail

image

```
public android.widget.ImageView image
```

recyclerView

```
public android.support.v7.widget.RecyclerView recyclerView
```

Constructor Detail

ViewBookActivity

```
public ViewBookActivity()
```

Method Detail

onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Initializes the view.

Overrides:

```
onCreate in class android.support.v7.app.AppCompatActivity
```

Parameters:

```
savedInstanceState -
```

onResume

```
public void onResume()
```

Overrides:

```
onResume in class android.support.v4.app.FragmentActivity
```

onPrepareOptionsMenu

```
public boolean onPrepareOptionsMenu(android.view.Menu menu)
```

Overrides:

```
onPrepareOptionsMenu in class android.app.Activity
```

Parameters:

```
menu -
```

Returns:

onCreateOptionsMenu

```
public boolean onCreateOptionsMenu(android.view.Menu menu)
```

Overrides:

```
onCreateOptionsMenu in class android.app.Activity
```

Parameters:

```
menu -
```

Returns:

onOptionsItemSelected

```
public boolean onOptionsItemSelected(android.view.MenuItem item)
```

Overrides:

```
onOptionsItemSelected in class android.app.Activity
```

Parameters:

item -

Returns:

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook

Class ViewBookTest

java.lang.Object
ca.ualberta.c301w19t14.onebook.ViewBookTest

```
public class ViewBookTest
extends java.lang.Object
```

This test checks to see that a user can view the details of a book that isn't his/hers

Author:

CMPUT301 Team14

Field Summary

Fields

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule< ViewBookActivity >	activityRule
boolean	complete
java.lang.String	email
java.lang.String	email2
Globals	globals
java.lang.String	password

Constructor Summary

Constructors

Constructor and Description
ViewBookTest()

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
void	<code>init()</code>
void	<code>testViewBook()</code>

Methods inherited from class java.lang.Object

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

globals

public Globals globals

complete

public boolean complete

email

public java.lang.String email

email2

public java.lang.String email2

password

public java.lang.String password

activityRule

public androidx.test.rule.ActivityTestRule<ViewBookActivity> activityRule

Constructor Detail

ViewBookTest

```
public ViewBookTest()
```

Method Detail

init

```
public void init()
```

testViewBook

```
public void testViewBook()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.adapters

Class ViewPagerAdapter

```
java.lang.Object
    android.support.v4.view PagerAdapter
        android.support.v4.app.FragmentPagerAdapter
            ca.ualberta.c301w19t14.onebook.adapters.ViewPagerAdapter
```

```
public class ViewPagerAdapter
extends android.support.v4.app.FragmentPagerAdapter
```

This class implements the ViewPagerAdapter for the chat and user fragments. From this class, the user and chat fragments will be attached to the MessagingFragment.

Since:

2019-03-29

Version:

1.0

Author:

jandaile CMPUT 301 team 14

See Also:

MessagesFragment

Field Summary

Fields inherited from class android.support.v4.view.PagerAdapter

POSITION_NONE, POSITION_UNCHANGED

Constructor Summary

Constructors

Constructor and Description

ViewPagerAdapter(android.support.v4.app.FragmentManager fragmentManager)

Method Summary

[All Methods](#)[Instance Methods](#)[Concrete Methods](#)**Modifier and Type****Method and Description**

void

addFragment(android.support.v4.app.Fragment fragment, java.lang.String title)
adds a fragment to the ViewPager

int

getCount()
gets the total number of fragments in the ViewPagerandroid.support.v4.app.Fragment **getItem**(int i)
gets a fragment indexjava.lang.CharSequence **getPageTitle**(int i)
gets the title character strings**Methods inherited from class android.support.v4.app.FragmentPagerAdapter**

destroyItem, finishUpdate, getItemId, instantiateItem, isViewFromObject, restoreState, saveState, setPrimaryItem, startUpdate

Methods inherited from class android.support.v4.view.PagerAdapter

destroyItem, finishUpdate, getItemPosition, getPageWidth, instantiateItem, notifyDataSetChanged, registerDataSetObserver, setPrimaryItem, startUpdate, unregisterDataSetObserver

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait

Constructor Detail**ViewPagerAdapter**

public ViewPagerAdapter(android.support.v4.app.FragmentManager fragmentManager)

Method Detail**getItem**

public android.support.v4.app.Fragment getItem(int i)

gets a fragment index

Specified by:

getItem in class android.support.v4.app.FragmentPagerAdapter

Parameters:

i: - fragment index

Returns:

user and chat fragments

getCount

```
public int getCount()
```

gets the total number of fragments in the ViewPager

Specified by:

getCount in class android.support.v4.view PagerAdapter

Returns:

number of fragments in ViewPager

addFragment

```
public void addFragment(android.support.v4.app.Fragment fragment,  
                      java.lang.String title)
```

adds a fragment to the ViewPager

Parameters:

fragment: - what fragment to add

title: - name of the fragment

getPageTitle

```
@Nullable  
public java.lang.CharSequence getPageTitle(int i)
```

gets the title character strings

Overrides:

getPageTitle in class android.support.v4.view PagerAdapter

Parameters:

i: - index of string

Returns:

page title character

OVERVIEW PACKAGE CLASS USE TREE DEPRECATED INDEX HELP

PREV CLASS NEXT CLASS FRAMES NO FRAMES ALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHOD DETAIL: FIELD | CONSTR | METHOD

ca.ualberta.c301w19t14.onebook

Class ViewRequestableTest

java.lang.Object
ca.ualberta.c301w19t14.onebook.ViewRequestableTest

```
public class ViewRequestableTest
extends java.lang.Object
```

This test checks to see that a user can view one of his/her owned books and its details

Author:

CMPUT301 Team14

Field Summary

Fields

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<ViewBookActivity>	activityRule
boolean	complete
java.lang.String	email
java.lang.String	email2
Globals	globals
java.lang.String	password

Constructor Summary

Constructors

Constructor and Description

`ViewRequestableTest()`

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
void	<code>init()</code>
void	<code>testViewBook()</code>

Methods inherited from class java.lang.Object

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

globals

public Globals globals

complete

public boolean complete

email

public java.lang.String email

email2

public java.lang.String email2

password

public java.lang.String password

activityRule

public androidx.test.rule.ActivityTestRule<ViewBookActivity> activityRule

Constructor Detail

ViewRequestableTest

```
public ViewRequestableTest()
```

Method Detail

init

```
public void init()
```

testViewBook

```
public void testViewBook()
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.activities

Class ViewRequestsActivity

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.view.ContextThemeWrapper
                android.app.Activity
                    android.support.v4.app.SupportActivity
                    android.support.v4.app.FragmentActivity
                    android.support.v7.app.AppCompatActivity
                    ca.ualberta.c301w19t14.onebook.activities.ViewRequestsActivity
```

All Implemented Interfaces:

```
android.arch.lifecycle.LifecycleOwner, android.arch.lifecycle.ViewModelStoreOwner,
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator,
android.support.v4.app.TaskStackBuilder.SupportParentable,
android.support.v4.view.KeyEventDispatcher.Component,
android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback, android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback
```

```
public class ViewRequestsActivity
extends android.support.v7.app.AppCompatActivity
```

This class shows all the requests on a book.

Version:

1.0

Author:

CMPUT301 Team14: Dimitri T

Nested Class Summary

Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

```
    android.support.v4.app.SupportActivity.ExtraData
```

Field Summary

Fields inherited from class android.app.Activity

```
DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL,  
DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET,  
RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK
```

Fields inherited from class android.content.Context

```
ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,  
APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,  
BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,  
BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,  
BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,  
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,  
COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,  
CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,  
CROSS_PROFILE_APPS_SERVICE, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE,  
DOWNLOAD_SERVICE, DROPBOX_SERVICE, EUICC_SERVICE, FINGERPRINT_SERVICE,  
HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, IPSEC_SERVICE,  
JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,  
LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,  
MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,  
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS,  
MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE,  
NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,  
RECEIVER_VISIBLE_TO_INSTANT_APPS, RESTRICTIONS_SERVICE, SEARCH_SERVICE,  
SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, STORAGE_STATS_SERVICE,  
SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE,  
TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_CLASSIFICATION_SERVICE,  
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,  
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE,  
WIFI_AWARE_SERVICE, WIFI_P2P_SERVICE, WIFI_RTT_RANGING_SERVICE, WIFI_SERVICE,  
WINDOW_SERVICE
```

Fields inherited from interface android.content.ComponentCallbacks2

```
TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,  
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,  
TRIM_MEMORY_UI_HIDDEN
```

Constructor Summary

Constructors

Constructor and Description

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
protected void	<code>onCreate</code> (android.os.Bundle savedInstanceState)	
	Initializes the view, adapter and recyclerView.	

Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, closeOptionsMenu, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onKeyDown, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, openOptionsMenu, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getLifecycle, getSupportFragmentManager, getSupportLoaderManager, getViewModelStore, onActivityResult, onAttachFragment, onBackPressed, onCreatePanelMenu, onCreateView, onCreateView, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsPanel, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, startActivityForResultForResult, startActivityForResultForResult, startActivityForResultFromFragment, startActivityForResultFromFragment, startIntentSenderForResult, startIntentSenderForResult, startIntentSenderFromFragment, supportFinishAfterTransition, supportPostponeEnterTransition, supportStartPostponedEnterTransition, validateRequestPermissionsRequestCode

Methods inherited from class android.support.v4.app.SupportActivity

dispatchKeyShortcutEvent, getExtraData, putExtraData, superDispatchKeyEvent

Methods inherited from class android.app.Activity

attachBaseContext, closeContextMenu, createPendingResult, dismissDialog,
dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent,
dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent,
enterPictureInPictureMode, enterPictureInPictureMode, finish, finishActivity,
finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask,
finishFromChild, getActionBar, getApplication, getCallingActivity,
getCallingPackage, getChangingConfigurations, getComponentName, getContentScene,
getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent,
getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager,
getLocalClassName, getMaxNumPictureInPictureActions, getMediaController, getParent,
getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation,
getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor,
getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager,
hasWindowFocus, isActivityTransitionRunning, isChangingConfigurations, isChild,
isDestroyed, isFinishing, isImmersive, isInMultiWindowMode,
isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot,
isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack,
navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted,
onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment,
onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate,
onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog,
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,
onGenericMotionEvent, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp,
onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped,
onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild,
onOptionsItemSelected, onOptionsMenuClosed, onPictureInPictureModeChanged,
onPostCreate, onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,
onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,
onProvideKeyboardShortcuts, onProvideReferrer, onRestart, onRestoreInstanceState,
onRestoreInstanceState, onSaveInstanceState, onSearchRequested, onSearchRequested,
onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,
onVisibleBehindCanceled, onWindowAttributesChanged, onWindowFocusChanged,
onWindowStartingActionMode, onWindowStartingActionMode, openContextMenu,
overridePendingTransition, postponeEnterTransition, recreate,
registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn,
requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts,
requestVisibleBehind, requestWindowFeature, requireViewById, runOnUiThread,
setActionBar, setContentTransitionManager, setDefaultKeyMode,
setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable,
setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri,
setFinishOnTouchOutside, setImmersive, setIntent, setMediaController,
setPictureInPictureParams, setProgress, setProgressBarIndeterminate,
setProgressBarIndeterminateVisibility, setProgressBarVisibility,
setRequestedOrientation, setResult, setResult, setSecondaryProgress,
setShowWhenLocked, setTaskDescription, setTitle, setTitle, setTitleColor,
setTurnScreenOn, setVisible, setVolumeControlStream, setVrModeEnabled,
shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog,
showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode,
startActivities, startActivities, startActivity, startActivity,
startActivityFromChild, startActivityFromChild, startActivityFromFragment,

```
startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded,
startIntentSender, startIntentSender, startIntentSenderFromChild,
startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask,
startManagingCursor, startNextMatchingActivity, startNextMatchingActivity,
startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask,
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu
```

Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, getAssets, getTheme
```

Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission, checkCallingOrSelfUriPermission,
checkCallingPermission, checkCallingUriPermission, checkPermission,
checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper,
createConfigurationContext, createContextForSplit,
createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,
databaseList, deleteDatabase, deleteFile, deleteSharedPreferences,
enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission,
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,
getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir,
getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir,
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,
getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainExecutor,
getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,
get PackageManager, getPackageName, getPackageResourcePath, getSharedPreferences,
getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight,
getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage,
isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,
openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper,
registerReceiver, registerReceiver, registerReceiver, registerReceiver,
removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission,
revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser,
sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast,
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,
setWallpaper, startForegroundService, startInstrumentation, startService,
stopService, unbindService, unregisterReceiver
```

Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString, getSystemService,
getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,
obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,
wait, wait
```

Methods inherited from interface android.view.Window.Callback

```
onPointerCaptureChanged
```

Constructor Detail

ViewRequestsActivity

```
public ViewRequestsActivity()
```

Method Detail

onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Initializes the view, adapter and recyclerView.

Overrides:

onCreate in class android.support.v7.app.AppCompatActivity

Parameters:

savedInstanceState: - instance state last used.

See Also:

this.loadData()

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

Uses of Class

ca.ualberta.c301w19t14.onebook.activities.AddActivity

No usage of ca.ualberta.c301w19t14.onebook.activities.AddActivity

Hierarchy For Package ca.ualberta.c301w19t14.onebook.activities

Package Hierarchies:

[All Packages](#)

Class Hierarchy

- `java.lang.Object`
 - `android.content.Context`
 - `android.content.ContextWrapper`
 - `android.view.ContextThemeWrapper`
 - `android.app.Activity` (implements `android.content.ComponentCallbacks2`, `android.view.KeyEvent.Callback`, `android.view.LayoutInflater.Factory2`, `android.view.View.OnCreateContextMenuListener`, `android.view.Window.Callback`)
 - `android.support.v4.app.SupportActivity` (implements `android.support.v4.view.KeyEventDispatcher.Component`, `android.arch.lifecycle.LifecycleOwner`)
 - `android.support.v4.app.FragmentActivity` (implements `android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback`, `android.support.v4.app.ActivityCompat.RequestPermissionsRequestCodeValidator`, `android.arch.lifecycle.ViewModelStoreOwner`)
 - `android.support.v7.app.AppCompatActivity` (implements `android.support.v7.app.ActionBarDrawerToggle.DelegateProvider`, `android.support.v7.app.AppCompatCallback`, `android.support.v4.app.TaskStackBuilder.SupportParentable`)
 - `ca.ualberta.c301w19t14.onebook.activities.AddActivity`
 - `ca.ualberta.c301w19t14.onebook.activities.CameraActivity`
 - `ca.ualberta.c301w19t14.onebook.activities.EditBookActivity`
 - `ca.ualberta.c301w19t14.onebook.activities.EditUserActivity`
 - `ca.ualberta.c301w19t14.onebook.activities.MainActivity` (implements `android.support.design.widget.NavigationView.OnNavigationItemSelectedListener`)
 - `ca.ualberta.c301w19t14.onebook.activitiesMapsActivity` (implements `com.google.android.gms.maps.OnMapReadyCallback`)
 - `ca.ualberta.c301w19t14.onebook.activities.MessageActivity`
 - `ca.ualberta.c301w19t14.onebook.activities.ScanisbnActivity`
 - `ca.ualberta.c301w19t14.onebook.activities.SearchingActivity`
 - `ca.ualberta.c301w19t14.onebook.activities.UserAccountActivity`
 - `ca.ualberta.c301w19t14.onebook.activities.UserLoginActivity`
 - `ca.ualberta.c301w19t14.onebook.activities.ViewBookActivity`
 - `ca.ualberta.c301w19t14.onebook.activities.ViewRequestsActivity`

All Classes

AddActivity
AddDeleteBookTest
Book
BookAdapter
BookTest
BorrowerTests
BorrowingFragment
CameraActivity
Chat
ChatTest
CheckMessagesTest
DykUtil
EditBookActivity
EditProfileTest
EditUserActivity
ExampleUnitTest
FirebaseUtil
Globals
LendingFragment
Location
LocationTest
LoginScreenTest
LogoutLogin
MainActivity
MapsActivity
MessageActivity
MessageAdapter
MessagesFragment
MessageSystemTest
MessagingChatsFragment
MessagingChatsList
MessagingUserAdapter
MessagingUsersFragment
Methods
ModifyBookDescription
MyAccountTest
MyProfileFragment
MyViewAction
Notification
NotificationFragment
NotificationsAdapter
NotificationTest
RecyclerViewMatcher
Request
RequestsAdapter
RequestTest
ScanIsbnActivity
SearchingActivity
SearchingTest
User
UserAccountActivity
UserLoginActivity

UserTest
ViewBookActivity
ViewBookTest
ViewPageAdapter
ViewRequestableTest
ViewRequestsActivity

Uses of Class

ca.ualberta.c301w19t14.onebook.AddDeleteBookTest

No usage of ca.ualberta.c301w19t14.onebook.AddDeleteBookTest

Hierarchy For Package ca.ualberta.c301w19t14.onebook

Package Hierarchies:

[All Packages](#)

Class Hierarchy

- java.lang.Object
 - ca.ualberta.c301w19t14.onebook.AddDeleteBookTest
 - ca.ualberta.c301w19t14.onebook.BookTest
 - ca.ualberta.c301w19t14.onebook.BorrowerTests
 - ca.ualberta.c301w19t14.onebook.ChatTest
 - ca.ualberta.c301w19t14.onebook.CheckMessagesTest
 - ca.ualberta.c301w19t14.onebook.EditProfileTest
 - ca.ualberta.c301w19t14.onebook.ExampleUnitTest
 - ca.ualberta.c301w19t14.onebook.Globals
 - ca.ualberta.c301w19t14.onebook.LocationTest
 - ca.ualberta.c301w19t14.onebook.LoginScreenTest
 - ca.ualberta.c301w19t14.onebook.LogoutLogin
 - ca.ualberta.c301w19t14.onebook.MessageSystemTest
 - ca.ualberta.c301w19t14.onebook.Methods
 - ca.ualberta.c301w19t14.onebook.ModifyBookDescription
 - ca.ualberta.c301w19t14.onebook.MyAccountTest
 - ca.ualberta.c301w19t14.onebook.MyViewAction
 - ca.ualberta.c301w19t14.onebook.NotificationTest
 - ca.ualberta.c301w19t14.onebook.RecyclerViewMatcher
 - ca.ualberta.c301w19t14.onebook.RequestTest
 - ca.ualberta.c301w19t14.onebook.SearchingTest
 - ca.ualberta.c301w19t14.onebook.UserTest
 - ca.ualberta.c301w19t14.onebook.ViewBookTest
 - ca.ualberta.c301w19t14.onebook.ViewRequestableTest

Uses of Class

ca.ualberta.c301w19t14.onebook.models.Book

Packages that use Book

Package	Description
ca.ualberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.
ca.ualberta.c301w19t14.onebook.activities	
ca.ualberta.c301w19t14.onebook.adapters	
ca.ualberta.c301w19t14.onebook.fragments	
ca.ualberta.c301w19t14.onebook.models	
ca.ualberta.c301w19t14.onebook.util	

Uses of Book in ca.ualberta.c301w19t14.onebook

Fields in ca.ualberta.c301w19t14.onebook declared as Book

Modifier and Type	Field and Description
Book	RequestTest.book
Book	UserTest.book
Book	BookTest.book
Book	MessageSystemTest.book

Uses of Book in ca.ualberta.c301w19t14.onebook.activities

Fields in ca.ualberta.c301w19t14.onebook.activities with type parameters of type Book

Modifier and Type	Field and Description
java.util.ArrayList<Book>	SearchingActivity.books

Uses of Book in ca.ualberta.c301w19t14.onebook.adapters

Fields in ca.ualberta.c301w19t14.onebook.adapters declared as Book

Modifier and Type**Field and Description****Book****BookAdapter.BookViewHolder.book****Constructor parameters in ca.ulalberta.c301w19t14.onebook.adapters with type arguments of type Book****Constructor and Description****BookAdapter**(android.content.Context context, java.util.ArrayList<**Book**> bookList, java.lang.Boolean mode)**Uses of Book in ca.ulalberta.c301w19t14.onebook.fragments****Fields in ca.ulalberta.c301w19t14.onebook.fragments with type parameters of type Book****Modifier and Type****Field and Description**java.util.ArrayList<**Book**> **BorrowingFragment.books****Uses of Book in ca.ulalberta.c301w19t14.onebook.models****Methods in ca.ulalberta.c301w19t14.onebook.models that return Book****Modifier and Type****Method and Description**static **Book****Book.find**(java.lang.String id)

Finds a book by it's ID.

Book**Request.getBook()****Methods in ca.ulalberta.c301w19t14.onebook.models with parameters of type Book****Modifier and Type****Method and Description**

void

Request.delete(**Book** book)

Deletes the request.

static void

Request.requestBook(**User** user, **Book** book)

Abstracts the request a book process.

void

Request.setBook(**Book** book)**Constructors in ca.ulalberta.c301w19t14.onebook.models with parameters of type Book****Constructor and Description****Request**(**User** user, **Book** book, java.lang.String requestID)

Request constructor.

Uses of Book in ca.ulalberta.c301w19t14.onebook.util

Methods in ca.ualberta.c301w19t14.onebook.util that return types with arguments of type Book

Modifier and Type	Method and Description
java.util.ArrayList<Book>	FirebaseUtil.getAllBooks()

OVERVIEW PACKAGE CLASS USE TREE DEPRECATED INDEX HELP

PREV NEXT FRAMES NO FRAMES ALL CLASSES

Hierarchy For Package ca.ualberta.c301w19t14.onebook.models

Package Hierarchies:

[All Packages](#)

Class Hierarchy

- [java.lang.Object](#)
 - [ca.ualberta.c301w19t14.onebook.models.Book](#)
 - [ca.ualberta.c301w19t14.onebook.models.Chat](#)
 - [ca.ualberta.c301w19t14.onebook.models.Location](#)
 - [ca.ualberta.c301w19t14.onebook.models.MessagingChatsList](#)
 - [ca.ualberta.c301w19t14.onebook.models.Notification](#)
 - [ca.ualberta.c301w19t14.onebook.models.Request](#)
 - [ca.ualberta.c301w19t14.onebook.models.User](#)

Constant Field Values

Contents

[ca.ualberta.*](#)

ca.ualberta.*

ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter

Modifier and Type	Constant Field	Value
public static final int	MSG_TYPE_LEFT	0
public static final int	MSG_TYPE_RIGHT	1

ca.ualberta.c301w19t14.onebook.models.Book

Modifier and Type	Constant Field	Value
public static final java.lang.String	ACCEPTED	"Accepted"
public static final java.lang.String	AVAILABLE	"Available"
public static final java.lang.String	BORROWED	"Borrowed"
public static final java.lang.String	REQUESTED	"Requested"

ca.ualberta.c301w19t14.onebook.models.Notification

Modifier and Type	Constant Field	Value
public static final int	BOOK	3
public static final int	COMPASS	5
public static final int	DOWN	2
public static final int	MARKER	6
public static final int	MESSAGE	4
public static final int	ROCKET	7
public static final int	UP	1

ca.ualberta.c301w19t14.onebook.models.Request

Modifier and Type	Constant Field	Value
-------------------	----------------	-------

public static final java.lang.String	ACCEPTED	"Accepted"
public static final java.lang.String	BORROWING	"Borrowing"
public static final java.lang.String	PENDING	"Pending"
public static final java.lang.String	PENDING_BORROWER_SCAN	"Pending Borrower Scan"
public static final java.lang.String	PENDING_OWNER_SCAN	"Pending Owner Scan"

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV](#) [NEXT](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

Uses of Class

ca.ualberta.c301w19t14.onebook.adapters.BookAdapter

Packages that use BookAdapter

Package	Description
ca.ualberta.c301w19t14.onebook.activities	

Uses of BookAdapter in ca.ualberta.c301w19t14.onebook.activities

Fields in ca.ualberta.c301w19t14.onebook.activities declared as BookAdapter

Modifier and Type	Field and Description
BookAdapter	SearchingActivity.ba

Hierarchy For Package ca.ualberta.c301w19t14.onebook.adapters

Package Hierarchies:

[All Packages](#)

Class Hierarchy

- java.lang.Object
 - android.support.v4.view PagerAdapter
 - android.support.v4.app FragmentPagerAdapter
 - ca.ualberta.c301w19t14.onebook.adapters **ViewPagerAdapter**
 - android.support.v7.widget RecyclerView.Adapter<VH>
 - ca.ualberta.c301w19t14.onebook.adapters **BookAdapter**
 - ca.ualberta.c301w19t14.onebook.adapters **MessageAdapter**
 - ca.ualberta.c301w19t14.onebook.adapters **MessagingUserAdapter**
 - ca.ualberta.c301w19t14.onebook.adapters **NotificationsAdapter**
 - ca.ualberta.c301w19t14.onebook.adapters **RequestsAdapter**
 - android.support.v7.widget.RecyclerView.ViewHolder
 - ca.ualberta.c301w19t14.onebook.adapters **BookAdapter.BookViewHolder**
 - ca.ualberta.c301w19t14.onebook.adapters **MessageAdapter.ViewHolder**
 - ca.ualberta.c301w19t14.onebook.adapters **MessagingUserAdapter.ViewHolder**
 - ca.ualberta.c301w19t14.onebook.adapters **NotificationsAdapter.NotificationsViewHolder**
 - ca.ualberta.c301w19t14.onebook.adapters **RequestsAdapter.RequestsViewHolder**

ca.ualberta.c301w19t14.onebook.adapters

Class BookAdapter.BookViewHolder

java.lang.Object
 android.support.v7.widget.RecyclerView.ViewHolder
 ca.ualberta.c301w19t14.onebook.adapters.BookViewHolder

Enclosing class:

BookAdapter

```
public class BookAdapter.BookViewHolder
extends android.support.v7.widget.RecyclerView.ViewHolder
```

Field Summary

Fields

Modifier and Type	Field and Description
Book	book
protected android.widget.TextView	vAuthor
protected de.hdodenhof.circleimageview.CircleImageView	vImage
protected android.widget.TextView	vOwner
protected android.widget.TextView	vStatus
protected android.widget.TextView	vTitle

Fields inherited from class android.support.v7.widget.RecyclerView.ViewHolder

itemView

Constructor Summary

Constructors

Constructor and Description

BookViewHolder(android.view.View v)

Method Summary

Methods inherited from class android.support.v7.widget.RecyclerView.ViewHolder

getAdapterPosition, getItemId, getItemViewType, getLayoutPosition, getOldPosition, getPosition, isRecyclable, setIsRecyclable, toString

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

Field Detail

vStatus

protected android.widget.TextView vStatus

vOwner

protected android.widget.TextView vOwner

vAuthor

protected android.widget.TextView vAuthor

vTitle

protected android.widget.TextView vTitle

vImage

protected de.hdodenhof.circleimageview.CircleImageView vImage

book

public Book book

Constructor Detail

BookViewHolder

```
public BookViewHolder(android.view.View v)
```

Parameters:

v -

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

Uses of Class

ca.ualberta.c301w19t14.onebook.BookTest

No usage of ca.ualberta.c301w19t14.onebook.BookTest

Uses of Class

ca.ualberta.c301w19t14.onebook.BorrowerTests

No usage of ca.ualberta.c301w19t14.onebook.BorrowerTests

Uses of Class

ca.ualberta.c301w19t14.onebook.fragments.BorrowingFragment

No usage of ca.ualberta.c301w19t14.onebook.fragments.BorrowingFragment

Hierarchy For Package ca.ualberta.c301w19t14.onebook.fragments

Package Hierarchies:

[All Packages](#)

Class Hierarchy

- java.lang.Object
 - android.support.v4.app.Fragment (implements android.content.ComponentCallbacks, android.arch.lifecycle.LifecycleOwner, android.view.View.OnCreateContextMenuListener, android.arch.lifecycle.ViewModelStoreOwner)
 - ca.ualberta.c301w19t14.onebook.fragments.BorrowingFragment
 - ca.ualberta.c301w19t14.onebook.fragments.LendingFragment
 - ca.ualberta.c301w19t14.onebook.fragments.MessagesFragment
 - ca.ualberta.c301w19t14.onebook.fragments.MessagingChatsFragment
 - ca.ualberta.c301w19t14.onebook.fragments.MessagingUsersFragment
 - ca.ualberta.c301w19t14.onebook.fragments.MyProfileFragment
 - ca.ualberta.c301w19t14.onebook.fragments.NotificationFragment

Uses of Class

ca.ualberta.c301w19t14.onebook.activities.CameraActivity

No usage of ca.ualberta.c301w19t14.onebook.activities.CameraActivity

Uses of Class

ca.ulberta.c301w19t14.onebook.models.Chat

Packages that use Chat

Package	Description
ca.ulberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.
ca.ulberta.c301w19t14.onebook.adapters	

Uses of Chat in ca.ulberta.c301w19t14.onebook

Fields in ca.ulberta.c301w19t14.onebook declared as Chat

Modifier and Type	Field and Description
Chat	ChatTest.chat

Uses of Chat in ca.ulberta.c301w19t14.onebook.adapters

Constructor parameters in ca.ulberta.c301w19t14.onebook.adapters with type arguments of type Chat

Constructor and Description
MessageAdapter (android.content.Context mContext, java.util.List<Chat> mChat)

Uses of Class

ca.ualberta.c301w19t14.onebook.ChatTest

No usage of ca.ualberta.c301w19t14.onebook.ChatTest

Uses of Class

ca.ualberta.c301w19t14.onebook.CheckMessagesTest

No usage of ca.ualberta.c301w19t14.onebook.CheckMessagesTest

Uses of Class

ca.ualberta.c301w19t14.onebook.util.DykUtil

No usage of ca.ualberta.c301w19t14.onebook.util.DykUtil

Hierarchy For Package ca.ualberta.c301w19t14.onebook.util

Package Hierarchies:

[All Packages](#)

Class Hierarchy

- [java.lang.Object](#)
 - [ca.ualberta.c301w19t14.onebook.util.DykUtil](#)
 - [ca.ualberta.c301w19t14.onebook.util.FirebaseUtil](#)

Uses of Class

ca.ualberta.c301w19t14.onebook.activities.EditBookActivity

No usage of ca.ualberta.c301w19t14.onebook.activities.EditBookActivity

Uses of Class

ca.ualberta.c301w19t14.onebook.EditProfileTest

No usage of ca.ualberta.c301w19t14.onebook.EditProfileTest

Uses of Class

ca.ulberta.c301w19t14.onebook.activities>EditUserActivity

Packages that use EditUserActivity

Package	Description
ca.ulberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.

Uses of EditUserActivity in ca.ulberta.c301w19t14.onebook

Fields in ca.ulberta.c301w19t14.onebook with type parameters of type EditUserActivity

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<EditUserActivity>	LogoutLogin.activityRule

Uses of Class

ca.ualberta.c301w19t14.onebook.ExampleUnitTest

No usage of ca.ualberta.c301w19t14.onebook.ExampleUnitTest

Uses of Class

ca.ulberta.c301w19t14.onebook.util.FirebaseUtil

Packages that use FirebaseUtil

Package	Description
ca.ulberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.
ca.ulberta.c301w19t14.onebook.activities	

Uses of FirebaseUtil in ca.ulberta.c301w19t14.onebook

Fields in ca.ulberta.c301w19t14.onebook declared as FirebaseUtil

Modifier and Type	Field and Description
FirebaseUtil	Globals.books
FirebaseUtil	Globals.chatlist
FirebaseUtil	Globals.chats
FirebaseUtil	Globals.notifications
FirebaseUtil	Globals.requests
FirebaseUtil	Globals.users

Uses of FirebaseUtil in ca.ulberta.c301w19t14.onebook.activities

Fields in ca.ulberta.c301w19t14.onebook.activities declared as FirebaseUtil

Modifier and Type	Field and Description
FirebaseUtil	EditBookActivity.books

Uses of Class

ca.ualberta.c301w19t14.onebook.Globals

Packages that use Globals

Package	Description
ca.ualberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.

Uses of Globals in ca.ualberta.c301w19t14.onebook

Fields in ca.ualberta.c301w19t14.onebook declared as Globals

Modifier and Type	Field and Description
Globals	LoginScreenTest.globals
Globals	ViewRequestableTest.globals
Globals	ViewBookTest.globals

Methods in ca.ualberta.c301w19t14.onebook that return Globals

Modifier and Type	Method and Description
static Globals	Globals.getInstance()

Uses of Class

ca.ualberta.c301w19t14.onebook.fragments.LendingFragment

No usage of ca.ualberta.c301w19t14.onebook.fragments.LendingFragment

Uses of Class

ca.ulberta.c301w19t14.onebook.models.Location

Packages that use Location

Package	Description
ca.ulberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.
ca.ulberta.c301w19t14.onebook.models	

Uses of Location in ca.ulberta.c301w19t14.onebook

Fields in ca.ulberta.c301w19t14.onebook declared as Location

Modifier and Type	Field and Description
Location	RequestTest.calgary
Location	UserTest.calgary
Location	BookTest.calgary
Location	MessageSystemTest.calgary
Location	RequestTest.edmonton
Location	UserTest.edmonton
Location	BookTest.edmonton
Location	MessageSystemTest.edmonton

Uses of Location in ca.ulberta.c301w19t14.onebook.models

Methods in ca.ulberta.c301w19t14.onebook.models that return Location

Modifier and Type	Method and Description
Location	Request.getLocation()

Methods in ca.ulberta.c301w19t14.onebook.models with parameters of type Location

Modifier and Type	Method and Description
void	Request.setLocation(Location location)

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV](#) [NEXT](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

Uses of Class

ca.ualberta.c301w19t14.onebook.LocationTest

No usage of ca.ualberta.c301w19t14.onebook.LocationTest

Uses of Class

ca.ualberta.c301w19t14.onebook.LoginScreenTest

No usage of ca.ualberta.c301w19t14.onebook.LoginScreenTest

Uses of Class

ca.ualberta.c301w19t14.onebook.LogoutLogin

No usage of ca.ualberta.c301w19t14.onebook.LogoutLogin

Uses of Class

ca.ualberta.c301w19t14.onebook.activities.MainActivity

Packages that use MainActivity

Package	Description
ca.ualberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.

Uses of MainActivity in ca.ualberta.c301w19t14.onebook

Fields in ca.ualberta.c301w19t14.onebook with type parameters of type MainActivity

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<MainActivity>	CheckMessagesTest.activityRule
androidx.test.rule.ActivityTestRule<MainActivity>	ModifyBookDescription.activityRule
androidx.test.rule.ActivityTestRule<MainActivity>	EditProfileTest.activityRule
androidx.test.rule.ActivityTestRule<MainActivity>	AddDeleteBookTest.activityRule
androidx.test.rule.ActivityTestRule<MainActivity>	BorrowerTests.activityRule
androidx.test.rule.ActivityTestRule<MainActivity>	MyAccountTest.activityRule

Uses of Class

ca.ualberta.c301w19t14.onebook.activities.MapsActivity

No usage of ca.ualberta.c301w19t14.onebook.activities.MapsActivity

ca.ualberta.c301w19t14.onebook.adapters

Class RequestsAdapter.RequestsViewHolder

java.lang.Object
 android.support.v7.widget.RecyclerView.ViewHolder
 ca.ualberta.c301w19t14.onebook.adapters.RequestsAdapter.RequestsViewHolder

Enclosing class:

RequestsAdapter

```
public class RequestsAdapter.RequestsViewHolder  
extends android.support.v7.widget.RecyclerView.ViewHolder
```

Field Summary

Fields

Modifier and Type	Field and Description
protected android.widget.TextView	content
protected android.widget.TextView	title

Fields inherited from class android.support.v7.widget.RecyclerView.ViewHolder

itemView

Method Summary

Methods inherited from class android.support.v7.widget.RecyclerView.ViewHolder

getAdapterPosition, getItemId, getItemViewType, getLayoutPosition, getOldPosition, getPosition, isRecyclable, setIsRecyclable, toString

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

Field Detail

title

```
protected android.widget.TextView title
```

content

```
protected android.widget.TextView content
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

Uses of Class

ca.ualberta.c301w19t14.onebook.activities.MessageActivity

No usage of ca.ualberta.c301w19t14.onebook.activities.MessageActivity

Uses of Class

ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter

No usage of ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter

ca.ualberta.c301w19t14.onebook.adapters

Class MessageAdapter.ViewHolder

java.lang.Object
 android.support.v7.widget.RecyclerView.ViewHolder
 ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter.ViewHolder

Enclosing class:

MessageAdapter

```
public class MessageAdapter.ViewHolder
extends android.support.v7.widget.RecyclerView.ViewHolder
```

Field Summary

Fields

Modifier and Type	Field and Description
android.widget.TextView	showMessage

Fields inherited from class android.support.v7.widget.RecyclerView.ViewHolder

itemView

Constructor Summary

Constructors

Constructor and Description

ViewHolder(android.view.View itemView)

Method Summary

Methods inherited from class android.support.v7.widget.RecyclerView.ViewHolder

getAdapterPosition, getItemId, getItemViewType, getLayoutPosition, getOldPosition, getPosition, isRecyclable, setIsRecyclable, toString

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

Field Detail

showMessage

```
public android.widget.TextView showMessage
```

Constructor Detail

ViewHolder

```
public ViewHolder(android.view.View itemView)
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

Uses of Class

ca.ualberta.c301w19t14.onebook.fragments.MessagesFragment

No usage of ca.ualberta.c301w19t14.onebook.fragments.MessagesFragment

Uses of Class

ca.ualberta.c301w19t14.onebook.MessageSystemTest

No usage of ca.ualberta.c301w19t14.onebook.MessageSystemTest

Uses of Class

ca.ualberta.c301w19t14.onebook.fragments.MessagingChatsFragment

No usage of ca.ualberta.c301w19t14.onebook.fragments.MessagingChatsFragment

ca.ualberta.c301w19t14.onebook.adapters

Class MessagingUserAdapter.ViewHolder

java.lang.Object
 android.support.v7.widget.RecyclerView.ViewHolder
 ca.ualberta.c301w19t14.onebook.adapters.MessagingUserAdapter.ViewHolder

Enclosing class:

MessagingUserAdapter

```
public class MessagingUserAdapter.ViewHolder
extends android.support.v7.widget.RecyclerView.ViewHolder
```

Field Summary

Fields inherited from class android.support.v7.widget.RecyclerView.ViewHolder

itemView

Constructor Summary

Constructors

Constructor and Description

ViewHolder(android.view.View itemView)

Method Summary

Methods inherited from class android.support.v7.widget.RecyclerView.ViewHolder

getAdapterPosition, getItemId, getItemViewType, getLayoutPosition, getOldPosition, getPosition, isRecyclable, setIsRecyclable, toString

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

Constructor Detail

ViewHolder

```
public ViewHolder(android.view.View itemView)
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

ca.ualberta.c301w19t14.onebook.adapters

Class NotificationsAdapter.NotificationsViewHolder

java.lang.Object
 android.support.v7.widget.RecyclerView.ViewHolder
 ca.ualberta.c301w19t14.onebook.adapters.NotificationsAdapter.NotificationsViewHolder

Enclosing class:

NotificationsAdapter

```
public class NotificationsAdapter.NotificationsViewHolder
extends android.support.v7.widget.RecyclerView.ViewHolder
```

Field Summary

Fields

Modifier and Type	Field and Description
protected android.widget.TextView	content
protected android.widget.ImageView	icon
protected android.widget.TextView	title

Fields inherited from class android.support.v7.widget.RecyclerView.ViewHolder

itemView

Method Summary

Methods inherited from class android.support.v7.widget.RecyclerView.ViewHolder

getAdapterPosition, getItemId, getItemViewType, getLayoutPosition, getOldPosition, getPosition, isRecyclable, setIsRecyclable, toString

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

Field Detail

title

```
protected android.widget.TextView title
```

content

```
protected android.widget.TextView content
```

icon

```
protected android.widget.ImageView icon
```

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#) DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

A B C D E F G I L M N O P R S T U V W

B**ba** - Variable in class ca.ualberta.c301w19t14.onebook.activities.SearchingActivity**before_description** - Variable in class ca.ualberta.c301w19t14.onebook.ModifyBookDescription**bob** - Variable in class ca.ualberta.c301w19t14.onebook.BookTest**bob** - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest**bob** - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest**bob** - Variable in class ca.ualberta.c301w19t14.onebook.UserTest**bob_email** - Variable in class ca.ualberta.c301w19t14.onebook.BookTest**bob_email** - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest**bob_email** - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest**bob_email** - Variable in class ca.ualberta.c301w19t14.onebook.UserTest**bob_name** - Variable in class ca.ualberta.c301w19t14.onebook.BookTest**bob_name** - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest**bob_name** - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest**bob_name** - Variable in class ca.ualberta.c301w19t14.onebook.UserTest**bob_uid** - Variable in class ca.ualberta.c301w19t14.onebook.BookTest**bob_uid** - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest**bob_uid** - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest**bob_uid** - Variable in class ca.ualberta.c301w19t14.onebook.UserTest**book** - Variable in class ca.ualberta.c301w19t14.onebook.adapters.BookAdapter.BookViewHolder**book** - Variable in class ca.ualberta.c301w19t14.onebook.BookTest**book** - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest**Book** - Class in [ca.ualberta.c301w19t14.onebook.models](#)

This class handles all attributes of the book object.

Book() - Constructor for class ca.ualberta.c301w19t14.onebook.models.Book**Book(long, String, String, String, User)** - Constructor for class ca.ualberta.c301w19t14.onebook.models.Book

Book(long, String, String, String, User, User) - Constructor for class ca.ualberta.c301w19t14.onebook.models.Book

BOOK - Static variable in class ca.ualberta.c301w19t14.onebook.models.Notification

book - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest

book - Variable in class ca.ualberta.c301w19t14.onebook.UserTest

BookAdapter - Class in ca.ualberta.c301w19t14.onebook.adapters

This class is used to create all of the recycler views that list books.

BookAdapter(Context, ArrayList<Book>, Boolean) - Constructor for class
ca.ualberta.c301w19t14.onebook.adapters.BookAdapter

BookAdapter.BookViewHolder - Class in ca.ualberta.c301w19t14.onebook.adapters

bookauthor - Variable in class ca.ualberta.c301w19t14.onebook.AddDeleteBookTest

bookdescription - Variable in class ca.ualberta.c301w19t14.onebook.AddDeleteBookTest

bookisbn - Variable in class ca.ualberta.c301w19t14.onebook.AddDeleteBookTest

books - Variable in class ca.ualberta.c301w19t14.onebook.activities.EditBookActivity

books - Variable in class ca.ualberta.c301w19t14.onebook.activities.SearchingActivity

books - Variable in class ca.ualberta.c301w19t14.onebook.fragments.BorrowingFragment

books - Variable in class ca.ualberta.c301w19t14.onebook.Globals

BookTest - Class in ca.ualberta.c301w19t14.onebook

BookTest() - Constructor for class ca.ualberta.c301w19t14.onebook.BookTest

booktitle - Variable in class ca.ualberta.c301w19t14.onebook.AddDeleteBookTest

BookViewHolder(View) - Constructor for class
ca.ualberta.c301w19t14.onebook.adapters.BookAdapter.BookViewHolder

BORROWED - Static variable in class ca.ualberta.c301w19t14.onebook.models.Book

BorrowerTests - Class in ca.ualberta.c301w19t14.onebook

This tests checks to see if the book a user is currently borrowing appears in his/her list of borrowed books

BorrowerTests() - Constructor for class ca.ualberta.c301w19t14.onebook.BorrowerTests

BORROWING - Static variable in class ca.ualberta.c301w19t14.onebook.models.Request

BorrowingFragment - Class in ca.ualberta.c301w19t14.onebook.fragments

This fragment shows a list of books a user is currently borrowing.

BorrowingFragment() - Constructor for class ca.ualberta.c301w19t14.onebook.fragments.BorrowingFragment

A B C D E F G I L M N O P R S T U V W

[PREV LETTER](#) [NEXT LETTER](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

A B C D E F G I L M N O P R S T U V W

C[ca.ualberta.c301w19t14.onebook](#) - package ca.ualberta.c301w19t14.onebook

OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.

[ca.ualberta.c301w19t14.onebook.activities](#) - package ca.ualberta.c301w19t14.onebook.activities[ca.ualberta.c301w19t14.onebook.adapters](#) - package ca.ualberta.c301w19t14.onebook.adapters[ca.ualberta.c301w19t14.onebook.fragments](#) - package ca.ualberta.c301w19t14.onebook.fragments[ca.ualberta.c301w19t14.onebook.models](#) - package ca.ualberta.c301w19t14.onebook.models[ca.ualberta.c301w19t14.onebook.util](#) - package ca.ualberta.c301w19t14.onebook.util[calgary](#) - Variable in class ca.ualberta.c301w19t14.onebook.BookTest[calgary](#) - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest[calgary](#) - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest[calgary](#) - Variable in class ca.ualberta.c301w19t14.onebook.UserTest[calgary_lat](#) - Variable in class ca.ualberta.c301w19t14.onebook.BookTest[calgary_lat](#) - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest[calgary_lat](#) - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest[calgary_lat](#) - Variable in class ca.ualberta.c301w19t14.onebook.UserTest[calgary_long](#) - Variable in class ca.ualberta.c301w19t14.onebook.BookTest[calgary_long](#) - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest[calgary_long](#) - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest[calgary_long](#) - Variable in class ca.ualberta.c301w19t14.onebook.UserTest[calgary_name](#) - Variable in class ca.ualberta.c301w19t14.onebook.BookTest[calgary_name](#) - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest[calgary_name](#) - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest[calgary_name](#) - Variable in class ca.ualberta.c301w19t14.onebook.UserTest[CameraActivity](#) - Class in [ca.ualberta.c301w19t14.onebook.activities](#)

This class opens up the camera to scan a ISBN.

[CameraActivity\(\)](#) - Constructor for class ca.ualberta.c301w19t14.onebook.activities.CameraActivity

chat - Variable in class ca.ualberta.c301w19t14.onebook.ChatTest

Chat - Class in ca.ualberta.c301w19t14.onebook.models

This class is a model for a Chat in Firebase.

Chat() - Constructor for class ca.ualberta.c301w19t14.onebook.models.Chat

Empty constructor for Firebase

Chat(String, String, String) - Constructor for class ca.ualberta.c301w19t14.onebook.models.Chat

Constructor for a Chat messaging in Firebase

chatlist - Variable in class ca.ualberta.c301w19t14.onebook.Globals

chats - Variable in class ca.ualberta.c301w19t14.onebook.Globals

ChatTest - Class in ca.ualberta.c301w19t14.onebook

ChatTest() - Constructor for class ca.ualberta.c301w19t14.onebook.ChatTest

check_name - Variable in class ca.ualberta.c301w19t14.onebook.BorrowerTests

check_name - Variable in class ca.ualberta.c301w19t14.onebook.LoginScreenTest

check_name - Variable in class ca.ualberta.c301w19t14.onebook.LogoutLogin

check_name - Variable in class ca.ualberta.c301w19t14.onebook.MyAccountTest

CheckBookDetails() - Method in class ca.ualberta.c301w19t14.onebook.BorrowerTests

checkedFilters - Static variable in class ca.ualberta.c301w19t14.onebook.activities.SearchingActivity

checkedFilters - Static variable in class ca.ualberta.c301w19t14.onebook.fragments.BorrowingFragment

checkGetContent() - Method in class ca.ualberta.c301w19t14.onebook.NotificationTest

checkGetNotificationRequestDetails() - Method in class ca.ualberta.c301w19t14.onebook.NotificationTest

checkGetNotificationUserDetails() - Method in class ca.ualberta.c301w19t14.onebook.NotificationTest

checkGetRequestBookDetails() - Method in class ca.ualberta.c301w19t14.onebook.NotificationTest

checkGetRequestUserDetails() - Method in class ca.ualberta.c301w19t14.onebook.NotificationTest

checkgetTitle() - Method in class ca.ualberta.c301w19t14.onebook.NotificationTest

CheckLoginScreen() - Method in class ca.ualberta.c301w19t14.onebook.LoginScreenTest

CheckLogoutLogin() - Method in class ca.ualberta.c301w19t14.onebook.LogoutLogin

CheckMessage() - Method in class ca.ualberta.c301w19t14.onebook.CheckMessagesTest

CheckMessagesTest - Class in ca.ualberta.c301w19t14.onebook

This tests checks to see if the user can click into his/her messages tab, then open a conversation between himself/herself and another user

CheckMessagesTest() - Constructor for class ca.ualberta.c301w19t14.onebook.CheckMessagesTest

checkSetEmail() - Method in class ca.ualberta.c301w19t14.onebook.UserTest

checkSetUserID() - Method in class ca.ualberta.c301w19t14.onebook.UserTest

checkSetUsername() - Method in class ca.ualberta.c301w19t14.onebook.UserTest

CheckUserDetails() - Method in class ca.ualberta.c301w19t14.onebook.MyAccountTest

clickChildViewWithId(int) - Static method in class ca.ualberta.c301w19t14.onebook.MyViewAction

ClickViewPagerChat() - Method in class ca.ualberta.c301w19t14.onebook.CheckMessagesTest

commitNewStatus(String) - Method in class ca.ualberta.c301w19t14.onebook.models.Request

Change the status.

COMPASS - Static variable in class ca.ualberta.c301w19t14.onebook.models.Notification

complete - Variable in class ca.ualberta.c301w19t14.onebook.AddDeleteBookTest

complete - Variable in class ca.ualberta.c301w19t14.onebook.BorrowerTests

complete - Variable in class ca.ualberta.c301w19t14.onebook.EditProfileTest

complete - Variable in class ca.ualberta.c301w19t14.onebook.LoginScreenTest

complete - Variable in class ca.ualberta.c301w19t14.onebook.LogoutLogin

complete - Variable in class ca.ualberta.c301w19t14.onebook.ModifyBookDescription

complete - Variable in class ca.ualberta.c301w19t14.onebook.MyAccountTest

complete - Variable in class ca.ualberta.c301w19t14.onebook.SearchingTest

complete - Variable in class ca.ualberta.c301w19t14.onebook.ViewBookTest

complete - Variable in class ca.ualberta.c301w19t14.onebook.ViewRequestableTest

content - Variable in class ca.ualberta.c301w19t14.onebook.adapters.NotificationsAdapter.NotificationsViewHolder

content - Variable in class ca.ualberta.c301w19t14.onebook.adapters.RequestsAdapter.RequestsViewHolder

A B C D E F G I L M N O P R S T U V W

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV LETTER](#) [NEXT LETTER](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

A B C D E F G I L M N O P R S T U V W

D**data_loaded** - Variable in class ca.ualberta.c301w19t14.onebook.util.FirebaseUtil**delete()** - Method in class ca.ualberta.c301w19t14.onebook.models.Book

Deletes a book.

delete() - Method in class ca.ualberta.c301w19t14.onebook.models.Notification**delete(Book)** - Method in class ca.ualberta.c301w19t14.onebook.models.Request

Deletes the request.

deleteAllForUser(String) - Static method in class ca.ualberta.c301w19t14.onebook.models.Notification

Deletes all notifications for current user

deleteWhereRequestAndUser(Request, User) - Static method in class ca.ualberta.c301w19t14.onebook.models.Notification**description** - Variable in class ca.ualberta.c301w19t14.onebook.BookTest**description** - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest**description** - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest**description** - Variable in class ca.ualberta.c301w19t14.onebook.UserTest**doBorrowHandover()** - Method in class ca.ualberta.c301w19t14.onebook.models.Book

Initiates a borrowing handover to a borrower from an owner.

doReturnHandover() - Method in class ca.ualberta.c301w19t14.onebook.models.Book

Initiates a return handover to a borrower from an owner

DOWN - Static variable in class ca.ualberta.c301w19t14.onebook.models.Notification**DUSTIN_EMAIL** - Variable in class ca.ualberta.c301w19t14.onebook.BorrowerTests**DUSTIN_EMAIL** - Variable in class ca.ualberta.c301w19t14.onebook.MyAccountTest**DUSTIN_PASS** - Variable in class ca.ualberta.c301w19t14.onebook.BorrowerTests**DUSTIN_PASS** - Variable in class ca.ualberta.c301w19t14.onebook.MyAccountTest**DykUtil** - Class in ca.ualberta.c301w19t14.onebook.util**DykUtil()** - Constructor for class ca.ualberta.c301w19t14.onebook.util.DykUtil

A B C D E F G I L M N O P R S T U V W

A B C D E F G I L M N O P R S T U V W

E

[EditBookActivity](#) - Class in `ca.ualberta.c301w19t14.onebook.activities`

This class allows edits/updates to books that have been inputted into the database.

[EditBookActivity\(\)](#) - Constructor for class `ca.ualberta.c301w19t14.onebook.activities.EditBookActivity`

[EditProfileTest](#) - Class in `ca.ualberta.c301w19t14.onebook`

This tests checks to see if a user can edit details on his/her profile

[EditProfileTest\(\)](#) - Constructor for class `ca.ualberta.c301w19t14.onebook.EditProfileTest`

[EditUserActivity](#) - Class in `ca.ualberta.c301w19t14.onebook.activities`

This class allows a user to edit their account information.

[EditUserActivity\(\)](#) - Constructor for class `ca.ualberta.c301w19t14.onebook.activities.EditUserActivity`

edmonton - Variable in class `ca.ualberta.c301w19t14.onebook.BookTest`

edmonton - Variable in class `ca.ualberta.c301w19t14.onebook.MessageSystemTest`

edmonton - Variable in class `ca.ualberta.c301w19t14.onebook.RequestTest`

edmonton - Variable in class `ca.ualberta.c301w19t14.onebook.UserTest`

edmonton_lat - Variable in class `ca.ualberta.c301w19t14.onebook.BookTest`

edmonton_lat - Variable in class `ca.ualberta.c301w19t14.onebook.MessageSystemTest`

edmonton_lat - Variable in class `ca.ualberta.c301w19t14.onebook.RequestTest`

edmonton_lat - Variable in class `ca.ualberta.c301w19t14.onebook.UserTest`

edmonton_long - Variable in class `ca.ualberta.c301w19t14.onebook.BookTest`

edmonton_long - Variable in class `ca.ualberta.c301w19t14.onebook.MessageSystemTest`

edmonton_long - Variable in class `ca.ualberta.c301w19t14.onebook.RequestTest`

edmonton_long - Variable in class `ca.ualberta.c301w19t14.onebook.UserTest`

edmonton_name - Variable in class `ca.ualberta.c301w19t14.onebook.BookTest`

edmonton_name - Variable in class `ca.ualberta.c301w19t14.onebook.MessageSystemTest`

edmonton_name - Variable in class `ca.ualberta.c301w19t14.onebook.RequestTest`

edmonton_name - Variable in class `ca.ualberta.c301w19t14.onebook.UserTest`

email - Variable in class `ca.ualberta.c301w19t14.onebook.AddDeleteBookTest`

email - Variable in class `ca.ualberta.c301w19t14.onebook.BorrowerTests`

email - Variable in class ca.ualberta.c301w19t14.onebook.EditProfileTest
email - Variable in class ca.ualberta.c301w19t14.onebook.LoginScreenTest
email - Variable in class ca.ualberta.c301w19t14.onebook.LogoutLogin
email - Variable in class ca.ualberta.c301w19t14.onebook.ModifyBookDescription
email - Variable in class ca.ualberta.c301w19t14.onebook.MyAccountTest
email - Variable in class ca.ualberta.c301w19t14.onebook.SearchingTest
email - Variable in class ca.ualberta.c301w19t14.onebook.ViewBookTest
email - Variable in class ca.ualberta.c301w19t14.onebook.ViewRequestableTest
email2 - Variable in class ca.ualberta.c301w19t14.onebook.BorrowerTests
email2 - Variable in class ca.ualberta.c301w19t14.onebook.MyAccountTest
email2 - Variable in class ca.ualberta.c301w19t14.onebook.SearchingTest
email2 - Variable in class ca.ualberta.c301w19t14.onebook.ViewBookTest
email2 - Variable in class ca.ualberta.c301w19t14.onebook.ViewRequestableTest

ExampleUnitTest - Class in [ca.ualberta.c301w19t14.onebook](#)

Example local unit test, which will execute on the development machine (host).

ExampleUnitTest() - Constructor for class [ca.ualberta.c301w19t14.onebook.ExampleUnitTest](#)

A B C D E F G I L M N O P R S T U V W

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV LETTER](#) [NEXT LETTER](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [I](#) [L](#) [M](#) [N](#) [O](#) [P](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#)

F

find(String) - Static method in class `ca.ualberta.c301w19t14.onebook.models.Book`

 Finds a book by it's ID.

finishBorrowHandover() - Method in class `ca.ualberta.c301w19t14.onebook.models.Book`

 Finishes a borrowing handover after all scans have been complete by the owner and borrower

finishReturnHandover() - Method in class `ca.ualberta.c301w19t14.onebook.models.Book`

 Finishes a return handover after all scans have been complete by the owner and borrower

FirebaseUtil - Class in `ca.ualberta.c301w19t14.onebook.util`

FirebaseUtil(String) - Constructor for class `ca.ualberta.c301w19t14.onebook.util.FirebaseUtil`

firstChildOf(Matcher<View>) - Static method in class `ca.ualberta.c301w19t14.onebook.CheckMessagesTest`

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [I](#) [L](#) [M](#) [N](#) [O](#) [P](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#)

A B C D E F G I L M N O P R S T U V W

G**getAddress()** - Method in class ca.ualberta.c301w19t14.onebook.models.Location

Get the address.

getAllBooks() - Method in class ca.ualberta.c301w19t14.onebook.util.FirebaseUtil**getAllRequests()** - Method in class ca.ualberta.c301w19t14.onebook.util.FirebaseUtil**getAuthor()** - Method in class ca.ualberta.c301w19t14.onebook.models.Book

getter for book author

getBook() - Method in class ca.ualberta.c301w19t14.onebook.models.Request**getBorrower()** - Method in class ca.ualberta.c301w19t14.onebook.models.Book

getter for book borrower

getContent() - Method in class ca.ualberta.c301w19t14.onebook.models.Notification

Getter for content.

getCount() - Method in class ca.ualberta.c301w19t14.onebook.adapters.ViewPagerAdapter

gets the total number of fragments in the ViewPager

getCurrentUser() - Static method in class ca.ualberta.c301w19t14.onebook.Globals

Get the current user that is log on in the app

getData() - Method in class ca.ualberta.c301w19t14.onebook.util.FirebaseUtil**getDescription()** - Method in class ca.ualberta.c301w19t14.onebook.models.Book

getter for description

getDyk() - Method in class ca.ualberta.c301w19t14.onebook.util.DykUtil**getEmail()** - Method in class ca.ualberta.c301w19t14.onebook.models.User

getter for email

getIcon() - Method in class ca.ualberta.c301w19t14.onebook.models.Notification

Getter for int.

getId() - Method in class ca.ualberta.c301w19t14.onebook.models.Book

getter for Book Id

getId() - Method in class ca.ualberta.c301w19t14.onebook.models.MessagingChatsList

getter for the id of chatList

getId() - Method in class ca.ualberta.c301w19t14.onebook.models.Notification

Gets the notification ID.

getId() - Method in class ca.ualberta.c301w19t14.onebook.models.Request**getInstance()** - Static method in class ca.ualberta.c301w19t14.onebook.Globals**getIsbn()** - Method in class ca.ualberta.c301w19t14.onebook.models.Book

getter for book ISBN

getItem(int) - Method in class ca.ualberta.c301w19t14.onebook.adapters.ViewPagerAdapter

gets a fragment index

getItemCount() - Method in class ca.ualberta.c301w19t14.onebook.adapters.BookAdapter

getItemCount() - Method in class ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter

getItemCount() - Method in class ca.ualberta.c301w19t14.onebook.adapters.MessagingUserAdapter

getItemCount() - Method in class ca.ualberta.c301w19t14.onebook.adapters.NotificationsAdapter

getItemCount() - Method in class ca.ualberta.c301w19t14.onebook.adapters.RequestsAdapter

getItemViewType(int) - Method in class ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter

Determines who the message is from.

getLat() - Method in class ca.ualberta.c301w19t14.onebook.models.Location

Get the lat.

getLng() - Method in class ca.ualberta.c301w19t14.onebook.models.Location

Get the lng.

getLocation() - Method in class ca.ualberta.c301w19t14.onebook.models.Request

getMessage() - Method in class ca.ualberta.c301w19t14.onebook.models.Chat

getter for message String

getName() - Method in class ca.ualberta.c301w19t14.onebook.models.User

getter for user name

getNextRequest() - Method in class ca.ualberta.c301w19t14.onebook.models.Book

Returns the next request from waitlist.

getOwner() - Method in class ca.ualberta.c301w19t14.onebook.models.Book

getter for book owner

getPageTitle(int) - Method in class ca.ualberta.c301w19t14.onebook.adapters.ViewPagerAdapter

gets the title character strings

getReceiver() - Method in class ca.ualberta.c301w19t14.onebook.models.Chat

getter for receiver id

getRequest() - Method in class ca.ualberta.c301w19t14.onebook.models.Book

getter for book requesters

getRequest() - Method in class ca.ualberta.c301w19t14.onebook.models.Notification

Getter for request.

getSender() - Method in class ca.ualberta.c301w19t14.onebook.models.Chat

getter for sender id

getStatus() - Method in class ca.ualberta.c301w19t14.onebook.models.Request

getTitle() - Method in class ca.ualberta.c301w19t14.onebook.models.Book

getter for Book Title

getTitle() - Method in class ca.ualberta.c301w19t14.onebook.models.Notification

Getter for title.

getUid() - Method in class ca.ualberta.c301w19t14.onebook.models.User

getter for user id.

getUser() - Method in class ca.ualberta.c301w19t14.onebook.models.Notification

Getter for user.

getUser() - Method in class ca.ualberta.c301w19t14.onebook.models.Request

Globals - Class in [ca.ualberta.c301w19t14.onebook](#)

This class saves some Firebase attributes.

Globals() - Constructor for class ca.ualberta.c301w19t14.onebook.Globals

globals - Variable in class ca.ualberta.c301w19t14.onebook.LoginScreenTest

globals - Variable in class ca.ualberta.c301w19t14.onebook.ViewBookTest

globals - Variable in class ca.ualberta.c301w19t14.onebook.ViewRequestableTest

A B C D E F G I L M N O P R S T U V W

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV LETTER](#) [NEXT LETTER](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

A B C D E F G I L M N O P R S T U V W

I

icon - Variable in class ca.ualberta.c301w19t14.onebook.adapters.NotificationsAdapter.NotificationsViewHolder**image** - Variable in class ca.ualberta.c301w19t14.onebook.activities.AddActivity**image** - Variable in class ca.ualberta.c301w19t14.onebook.activities.ViewBookActivity**InfiniteLoop()** - Method in class ca.ualberta.c301w19t14.onebook.Methods**init()** - Method in class ca.ualberta.c301w19t14.onebook.AddDeleteBookTest**init()** - Method in class ca.ualberta.c301w19t14.onebook.BookTest**init()** - Method in class ca.ualberta.c301w19t14.onebook.BorrowerTests**init()** - Method in class ca.ualberta.c301w19t14.onebook.CheckMessagesTest**init()** - Method in class ca.ualberta.c301w19t14.onebook.EditProfileTest**init()** - Method in class ca.ualberta.c301w19t14.onebook.LocationTest**init()** - Method in class ca.ualberta.c301w19t14.onebook.LoginScreenTest**init()** - Method in class ca.ualberta.c301w19t14.onebook.ModifyBookDescription**init()** - Method in class ca.ualberta.c301w19t14.onebook.MyAccountTest**init()** - Method in class ca.ualberta.c301w19t14.onebook.SearchingTest**init()** - Method in class ca.ualberta.c301w19t14.onebook.ViewBookTest**init()** - Method in class ca.ualberta.c301w19t14.onebook.ViewRequestableTest**initFirebaseUtil()** - Method in class ca.ualberta.c301w19t14.onebook.Globals

Initializes Firebase utility for the data paths.

isbn - Variable in class ca.ualberta.c301w19t14.onebook.BookTest**isbn** - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest**isbn** - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest**isbn** - Variable in class ca.ualberta.c301w19t14.onebook.UserTest**isNull()** - Method in class ca.ualberta.c301w19t14.onebook.util.FirebaseUtil

A B C D E F G I L M N O P R S T U V W

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [I](#) [L](#) [M](#) [N](#) [O](#) [P](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#)

L

LendingFragment - Class in `ca.ualberta.c301w19t14.onebook.fragments`

This fragment shows a list of the current books a user owns.

LendingFragment() - Constructor for class `ca.ualberta.c301w19t14.onebook.fragments.LendingFragment`

Location - Class in `ca.ualberta.c301w19t14.onebook.models`

This class is mainly used to abstract location data for book pickup.

Location() - Constructor for class `ca.ualberta.c301w19t14.onebook.models.Location`

Empty constructor for Firebase.

Location(String, double, double) - Constructor for class `ca.ualberta.c301w19t14.onebook.models.Location`

Create a new location record with address and LatLng.

LocationTest - Class in `ca.ualberta.c301w19t14.onebook`

LocationTest() - Constructor for class `ca.ualberta.c301w19t14.onebook.LocationTest`

LoginScreenTest - Class in `ca.ualberta.c301w19t14.onebook`

This test makes sure that a user can log in through the Firebase login pages by entering valid login credentials

LoginScreenTest() - Constructor for class `ca.ualberta.c301w19t14.onebook.LoginScreenTest`

LogoutLogin - Class in `ca.ualberta.c301w19t14.onebook`

This is a quick test to make sure that the user can log out and subsequently log in with valid login credentials using FirebaseAuth

LogoutLogin() - Constructor for class `ca.ualberta.c301w19t14.onebook.LogoutLogin`

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [I](#) [L](#) [M](#) [N](#) [O](#) [P](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#)

A B C D E F G I L M N O P R S T U V W

M**MainActivity** - Class in ca.ualberta.c301w19t14.onebook.activities

This class implements the main functionality of the app.

MainActivity() - Constructor for class ca.ualberta.c301w19t14.onebook.activities.MainActivity

MapsActivity - Class in ca.ualberta.c301w19t14.onebook.activities

This class will set/view the pickup location on a Google Maps instance.

MapsActivity() - Constructor for class ca.ualberta.c301w19t14.onebook.activities.MapsActivity

MARKER - Static variable in class ca.ualberta.c301w19t14.onebook.models.Notification**mContext** - Variable in class ca.ualberta.c301w19t14.onebook.adapters.BookAdapter**MESSAGE** - Static variable in class ca.ualberta.c301w19t14.onebook.models.Notification**MessageActivity** - Class in ca.ualberta.c301w19t14.onebook.activities

This class implements the chat view for the messaging functionality of the app.

MessageActivity() - Constructor for class ca.ualberta.c301w19t14.onebook.activities.MessageActivity

MessageAdapter - Class in ca.ualberta.c301w19t14.onebook.adapters

This class implements the adapter for viewing the chat messages.

MessageAdapter(Context, List<Chat>) - Constructor for class
ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter

MessageAdapter.ViewHolder - Class in ca.ualberta.c301w19t14.onebook.adapters**MessagesFragment** - Class in ca.ualberta.c301w19t14.onebook.fragments

This class implements the Messaging Functionality in different fragments for the app.

MessagesFragment() - Constructor for class ca.ualberta.c301w19t14.onebook.fragments.MessagesFragment

MessageSystemTest - Class in ca.ualberta.c301w19t14.onebook

Example local unit test, which will execute on the development machine (host).

MessageSystemTest() - Constructor for class ca.ualberta.c301w19t14.onebook.MessageSystemTest

MessagingChatsFragment - Class in ca.ualberta.c301w19t14.onebook.fragments

This class implements the Chatlist functionality of the Messaging part of the app.

MessagingChatsFragment() - Constructor for class
ca.ualberta.c301w19t14.onebook.fragments.MessagingChatsFragment

MessagingChatsList - Class in ca.ualberta.c301w19t14.onebook.models

This class is a model for the chatList in Firebase.

MessagingChatsList() - Constructor for class ca.ualberta.c301w19t14.onebook.models.MessagingChatsList

Empty constructor for Firebase

MessagingChatsList(String) - Constructor for class ca.ualberta.c301w19t14.onebook.models.MessagingChatsList

Constructor for MessagingChatList in Firebase

messagingSystem - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest

MessagingUserAdapter - Class in [ca.ualberta.c301w19t14.onebook.adapters](#)

This class implements the adapter for displaying the users in the MessagingUserFragment.

MessagingUserAdapter(Context, List<User>) - Constructor for class
[ca.ualberta.c301w19t14.onebook.adapters.MessagingUserAdapter](#)

MessagingUserAdapter.ViewHolder - Class in [ca.ualberta.c301w19t14.onebook.adapters](#)

MessagingUsersFragment - Class in [ca.ualberta.c301w19t14.onebook.fragments](#)

This class implements user search and displays all users.

MessagingUsersFragment() - Constructor for class
[ca.ualberta.c301w19t14.onebook.fragments.MessagingUsersFragment](#)

Methods - Class in [ca.ualberta.c301w19t14.onebook](#)

This class is used to create an infinite loop, for test debugging purposes

Methods() - Constructor for class [ca.ualberta.c301w19t14.onebook.Methods](#)

mode - Variable in class [ca.ualberta.c301w19t14.onebook.adapters.BookAdapter](#)

ModifyBookDescription - Class in [ca.ualberta.c301w19t14.onebook](#)

This test checks to see if a user can change the description of one of his/her owned books

ModifyBookDescription() - Constructor for class [ca.ualberta.c301w19t14.onebook.ModifyBookDescription](#)

ModifyDescriptionTest() - Method in class [ca.ualberta.c301w19t14.onebook.ModifyBookDescription](#)

MSG_TYPE_LEFT - Static variable in class [ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter](#)

MSG_TYPE_RIGHT - Static variable in class [ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter](#)

MyAccountTest - Class in [ca.ualberta.c301w19t14.onebook](#)

This test checks to see if the correct details are displayed on the MyAccount page after the user logs in

MyAccountTest() - Constructor for class [ca.ualberta.c301w19t14.onebook.MyAccountTest](#)

MyProfileFragment - Class in [ca.ualberta.c301w19t14.onebook.fragments](#)

This fragments displays a user profile page with all their information.

MyProfileFragment() - Constructor for class [ca.ualberta.c301w19t14.onebook.fragments.MyProfileFragment](#)

MyViewAction - Class in [ca.ualberta.c301w19t14.onebook](#)

This class is used for functionality of some tests

MyViewAction() - Constructor for class [ca.ualberta.c301w19t14.onebook.MyViewAction](#)

A B C D E F G I L M N O P R S T U V W

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV LETTER](#) [NEXT LETTER](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

A B C D E F G I L M N O P R S T U V W

N**name** - Variable in class [ca.ualberta.c301w19t14.onebook.ModifyBookDescription](#)**name1** - Variable in class [ca.ualberta.c301w19t14.onebook.EditProfileTest](#)**name2** - Variable in class [ca.ualberta.c301w19t14.onebook.EditProfileTest](#)**Notification** - Class in [ca.ualberta.c301w19t14.onebook.models](#)

This class is a model for the notifications.

Notification() - Constructor for class [ca.ualberta.c301w19t14.onebook.models.Notification](#)

Empty constructor for Firebase.

Notification(String, String, User, int) - Constructor for class [ca.ualberta.c301w19t14.onebook.models.Notification](#)

Constructor for basic notification.

Notification(String, String, Request, User, int) - Constructor for class [ca.ualberta.c301w19t14.onebook.models.Notification](#)

Constructor for notification for a book request.

notification - Variable in class [ca.ualberta.c301w19t14.onebook.RequestTest](#)**NotificationFragment** - Class in [ca.ualberta.c301w19t14.onebook.fragments](#)

This fragment handles displaying notifications and showing action buttons.

NotificationFragment() - Constructor for class [ca.ualberta.c301w19t14.onebook.fragments.NotificationFragment](#)**notifications** - Variable in class [ca.ualberta.c301w19t14.onebook.Globals](#)**NotificationsAdapter** - Class in [ca.ualberta.c301w19t14.onebook.adapters](#)

RecyclerView adapter for notifications.

NotificationsAdapter(Context, ArrayList<Notification>) - Constructor for class [ca.ualberta.c301w19t14.onebook.adapters.NotificationsAdapter](#)**NotificationsAdapter.NotificationsViewHolder** - Class in [ca.ualberta.c301w19t14.onebook.adapters](#)**NotificationTest** - Class in [ca.ualberta.c301w19t14.onebook](#)

Example local unit test, which will execute on the development machine (host).

NotificationTest() - Constructor for class [ca.ualberta.c301w19t14.onebook.NotificationTest](#)**nthChildOf(Matcher<View>, int)** - Static method in class [ca.ualberta.c301w19t14.onebook.CheckMessagesTest](#)**nthChildOf(Matcher<View>, int)** - Static method in class [ca.ualberta.c301w19t14.onebook.LoginScreenTest](#)

A B C D E F G I L M N O P R S T U V W

A B C D E F G I L M N O P R S T U V W

O

onActivityResult(int, int, Intent) - Method in class ca.ualberta.c301w19t14.onebook.activities.AddActivity

From takePictureIntent.

onActivityResult(int, int, Intent) - Method in class ca.ualberta.c301w19t14.onebook.activities.EditBookActivity**onActivityResult(int, int, Intent)** - Method in class ca.ualberta.c301w19t14.onebook.activities.EditUserActivity**onActivityResult(int, int, Intent)** - Method in class ca.ualberta.c301w19t14.onebook.activities.ScanIsbnActivity**onActivityResult(int, int, Intent)** - Method in class ca.ualberta.c301w19t14.onebook.activities.UserLoginActivity**onBackPressed()** - Method in class ca.ualberta.c301w19t14.onebook.activities.MainActivity

For when the back button is pressed and dependent on the drawer state.

onBindViewHolder(BookAdapter.BookViewHolder, int) - Method in class
ca.ualberta.c301w19t14.onebook.adapters.BookAdapter**onBindViewHolder(MessageAdapter.ViewHolder, int)** - Method in class
ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter

Attaches the messages to the view.

onBindViewHolder(MessagingUserAdapter.ViewHolder, int) - Method in class
ca.ualberta.c301w19t14.onebook.adapters.MessagingUserAdapter**onBindViewHolder(NOTIFICATIONSAdapter.NotificationsViewHolder, int)** - Method in class
ca.ualberta.c301w19t14.onebook.adapters.NotificationsAdapter

Attaches notification content to the view.

onBindViewHolder(RequestsAdapter.RequestsViewHolder, int) - Method in class
ca.ualberta.c301w19t14.onebook.adapters.RequestsAdapter

Attaches content to the each request in the view.

onCreate(Bundle) - Method in class ca.ualberta.c301w19t14.onebook.activities.AddActivity

Initializes the view

onCreate(Bundle) - Method in class ca.ualberta.c301w19t14.onebook.activities.CameraActivity**onCreate(Bundle)** - Method in class ca.ualberta.c301w19t14.onebook.activities.EditBookActivity

Initializes the view.

onCreate(Bundle) - Method in class ca.ualberta.c301w19t14.onebook.activities.EditUserActivity**onCreate(Bundle)** - Method in class ca.ualberta.c301w19t14.onebook.activities.MainActivity**onCreate(Bundle)** - Method in class ca.ualberta.c301w19t14.onebook.activitiesMapsActivity

Initializes the view.

onCreate(Bundle) - Method in class ca.ualberta.c301w19t14.onebook.activities.MessageActivity**onCreate(Bundle)** - Method in class ca.ualberta.c301w19t14.onebook.activities.ScanIsbnActivity

Initializes the view.

onCreate(Bundle) - Method in class ca.ualberta.c301w19t14.onebook.activities.SearchingActivity

Initializes the view.

onCreate(Bundle) - Method in class ca.ualberta.c301w19t14.onebook.activities.UserAccountActivity

onCreate(Bundle) - Method in class ca.ualberta.c301w19t14.onebook.activities.UserLoginActivity

Initializes the view.

onCreate(Bundle) - Method in class ca.ualberta.c301w19t14.onebook.activities.ViewBookActivity

Initializes the view.

onCreate(Bundle) - Method in class ca.ualberta.c301w19t14.onebook.activities.ViewRequestsActivity

Initializes the view, adapter and recyclerView.

onCreateOptionsMenu(Menu) - Method in class ca.ualberta.c301w19t14.onebook.activities.MainActivity

onCreateOptionsMenu(Menu) - Method in class ca.ualberta.c301w19t14.onebook.activities.SearchingActivity

onCreateOptionsMenu(Menu) - Method in class ca.ualberta.c301w19t14.onebook.activities.ViewBookActivity

onCreateOptionsMenu(Menu, MenuInflater) - Method in class
ca.ualberta.c301w19t14.onebook.fragments.BorrowingFragment

Creates the options menu (top right).

onCreateOptionsMenu(Menu, MenuInflater) - Method in class
ca.ualberta.c301w19t14.onebook.fragments.LendingFragment

Creates the options menu (top right).

onCreateOptionsMenu(Menu, MenuInflater) - Method in class
ca.ualberta.c301w19t14.onebook.fragments.MyProfileFragment

Creates the options menu (top right).

onCreateOptionsMenu(Menu, MenuInflater) - Method in class
ca.ualberta.c301w19t14.onebook.fragments.NotificationFragment

Creates the options menu (top right).

onCreateView(LayoutInflater, ViewGroup, Bundle) - Method in class
ca.ualberta.c301w19t14.onebook.fragments.BorrowingFragment

Initializes the view.

onCreateView(LayoutInflater, ViewGroup, Bundle) - Method in class
ca.ualberta.c301w19t14.onebook.fragments.LendingFragment

Initializes the view.

onCreateView(LayoutInflater, ViewGroup, Bundle) - Method in class
ca.ualberta.c301w19t14.onebook.fragments.MessagesFragment

Initializes the view.

onCreateView(LayoutInflater, ViewGroup, Bundle) - Method in class
ca.ualberta.c301w19t14.onebook.fragments.MessagingChatsFragment

Initializes the view.

onCreateView(LayoutInflater, ViewGroup, Bundle) - Method in class
ca.ualberta.c301w19t14.onebook.fragments.MessagingUsersFragment

onCreateView(LayoutInflater, ViewGroup, Bundle) - Method in class
ca.ualberta.c301w19t14.onebook.fragments.MyProfileFragment

Initializes the view.

onCreateView(LayoutInflater, ViewGroup, Bundle) - Method in class
ca.ualberta.c301w19t14.onebook.fragments.NotificationFragment

Initializes the view.

onCreateViewHolder(ViewGroup, int) - Method in class ca.ualberta.c301w19t14.onebook.adapters.BookAdapter

onCreateViewHolder(ViewGroup, int) - Method in class ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter

Initializes the view based on the sender and receiver messages.

onCreateViewHolder(ViewGroup, int) - Method in class
ca.ualberta.c301w19t14.onebook.adapters.MessagingUserAdapter

onCreateViewHolder(ViewGroup, int) - Method in class
ca.ualberta.c301w19t14.onebook.adapters.NotificationsAdapter

onCreateViewHolder(ViewGroup, int) - Method in class ca.ualberta.c301w19t14.onebook.adapters.RequestsAdapter

onMapReady(GoogleMap) - Method in class ca.ualberta.c301w19t14.onebook.activitiesMapsActivity

Options for when the map has been displayed

onNavigationItemSelected(MenuItem) - Method in class ca.ualberta.c301w19t14.onebook.activities.MainActivity

onOptionsItemSelected(MenuItem) - Method in class ca.ualberta.c301w19t14.onebook.activities.EditBookActivity

For when the navigation item was selected.

onOptionsItemSelected(MenuItem) - Method in class ca.ualberta.c301w19t14.onebook.activities.MainActivity

onOptionsItemSelected(MenuItem) - Method in class ca.ualberta.c301w19t14.onebook.activitiesMapsActivity

onOptionsItemSelected(MenuItem) - Method in class ca.ualberta.c301w19t14.onebook.activities.SearchingActivity

onOptionsItemSelected(MenuItem) - Method in class ca.ualberta.c301w19t14.onebook.activities.ViewBookActivity

onOptionsItemSelected(MenuItem) - Method in class ca.ualberta.c301w19t14.onebook.fragments.BorrowingFragment

Handles selecting an options menu item.

onOptionsItemSelected(MenuItem) - Method in class ca.ualberta.c301w19t14.onebook.fragments.LendingFragment

Handles selecting an options menu item.

onOptionsItemSelected(MenuItem) - Method in class ca.ualberta.c301w19t14.onebook.fragments.MyProfileFragment

Handles selecting an options menu item.

onOptionsItemSelected(MenuItem) - Method in class

ca.ualberta.c301w19t14.onebook.fragments.NotificationFragment

Handles selecting an options menu item.

onPrepareOptionsMenu(Menu) - Method in class ca.ualberta.c301w19t14.onebook.activities.ViewBookActivity

onResume() - Method in class ca.ualberta.c301w19t14.onebook.activities.MainActivity

onResume() - Method in class ca.ualberta.c301w19t14.onebook.activities.ViewBookActivity

onResume() - Method in class ca.ualberta.c301w19t14.onebook.fragments.BorrowingFragment

Called when Fragment is resumed.

onResume() - Method in class ca.ualberta.c301w19t14.onebook.fragments.LendingFragment

Called when Fragment is resumed.

onResume() - Method in class ca.ualberta.c301w19t14.onebook.fragments.MyProfileFragment

onResume() - Method in class ca.ualberta.c301w19t14.onebook.fragments.NotificationFragment

Called when Fragment is resumed.

owner_email - Variable in class ca.ualberta.c301w19t14.onebook.CheckMessagesTest

owner_name - Variable in class ca.ualberta.c301w19t14.onebook.CheckMessagesTest

owner_pass - Variable in class ca.ualberta.c301w19t14.onebook.CheckMessagesTest

A B C D E F G I L M N O P R S T U V W

[PREV LETTER](#) [NEXT LETTER](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

A B C D E F G I L M N O P R S T U V W

P

password - Variable in class ca.ualberta.c301w19t14.onebook.[AddDeleteBookTest](#)

password - Variable in class ca.ualberta.c301w19t14.onebook.[BorrowerTests](#)

password - Variable in class ca.ualberta.c301w19t14.onebook.[EditProfileTest](#)

password - Variable in class ca.ualberta.c301w19t14.onebook.[LoginScreenTest](#)

password - Variable in class ca.ualberta.c301w19t14.onebook.[LogoutLogin](#)

password - Variable in class ca.ualberta.c301w19t14.onebook.[ModifyBookDescription](#)

password - Variable in class ca.ualberta.c301w19t14.onebook.[MyAccountTest](#)

password - Variable in class ca.ualberta.c301w19t14.onebook.[SearchingTest](#)

password - Variable in class ca.ualberta.c301w19t14.onebook.[ViewBookTest](#)

password - Variable in class ca.ualberta.c301w19t14.onebook.[ViewRequestableTest](#)

password2 - Variable in class ca.ualberta.c301w19t14.onebook.[BorrowerTests](#)

password2 - Variable in class ca.ualberta.c301w19t14.onebook.[MyAccountTest](#)

PENDING - Static variable in class ca.ualberta.c301w19t14.onebook.models.[Request](#)

PENDING_BORROWER_SCAN - Static variable in class ca.ualberta.c301w19t14.onebook.models.[Request](#)

PENDING_OWNER_SCAN - Static variable in class ca.ualberta.c301w19t14.onebook.models.[Request](#)

A B C D E F G I L M N O P R S T U V W

A B C D E F G I L M N O P R S T U V W

R**recyclerView** - Variable in class ca.ualberta.c301w19t14.onebook.activities.ViewBookActivity**RecyclerViewMatcher** - Class in ca.ualberta.c301w19t14.onebook

Created by dannyroa on 5/10/15.

RecyclerViewMatcher(int) - Constructor for class ca.ualberta.c301w19t14.onebook.RecyclerViewMatcher**reject()** - Method in class ca.ualberta.c301w19t14.onebook.models.Request

Rejects the request, deletes request, and sends notifications

req - Variable in class ca.ualberta.c301w19t14.onebook.BookTest**req** - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest**req** - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest**req** - Variable in class ca.ualberta.c301w19t14.onebook.UserTest**Request** - Class in ca.ualberta.c301w19t14.onebook.models

This class abstracts the Request data type.

Request() - Constructor for class ca.ualberta.c301w19t14.onebook.models.Request

Firebase constructor.

Request(User, Book, String) - Constructor for class ca.ualberta.c301w19t14.onebook.models.Request

Request constructor.

request - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest**request_id2** - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest**requestBook(User, Book)** - Static method in class ca.ualberta.c301w19t14.onebook.models.Request

Abstracts the request a book process.

REQUESTED - Static variable in class ca.ualberta.c301w19t14.onebook.models.Book**requester_email** - Variable in class ca.ualberta.c301w19t14.onebook.CheckMessagesTest**requester_name** - Variable in class ca.ualberta.c301w19t14.onebook.CheckMessagesTest**requester_pass** - Variable in class ca.ualberta.c301w19t14.onebook.CheckMessagesTest**requests** - Variable in class ca.ualberta.c301w19t14.onebook.Globals**RequestsAdapter** - Class in ca.ualberta.c301w19t14.onebook.adapters

RecyclerView adapter for requests.

RequestsAdapter(Context, ArrayList<Request>) - Constructor for class
ca.ualberta.c301w19t14.onebook.adapters.RequestsAdapter**RequestsAdapter.RequestsViewHolder** - Class in ca.ualberta.c301w19t14.onebook.adapters**RequestTest** - Class in ca.ualberta.c301w19t14.onebook

RequestTest() - Constructor for class ca.ualberta.c301w19t14.onebook.RequestTest

resID - Variable in class ca.ualberta.c301w19t14.onebook.SearchingTest

ROCKET - Static variable in class ca.ualberta.c301w19t14.onebook.models.Notification

A B C D E F G I L M N O P R S T U V W

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV LETTER](#) [NEXT LETTER](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

A B C D E F G I L M N O P R S T U V W

S**save()** - Method in class ca.ualberta.c301w19t14.onebook.models.Notification

Saves the notification to the database.

ScanIsbnActivity - Class in ca.ualberta.c301w19t14.onebook.activities

This class implements a scanner for ISBN codes.

ScanIsbnActivity() - Constructor for class ca.ualberta.c301w19t14.onebook.activities.ScanIsbnActivity**SearchingActivity** - Class in ca.ualberta.c301w19t14.onebook.activities

This class allows a user to do a key word search on a book title. Currently only allows keyword searches on title, but we need to update it to include author, description, owner, and isbn the search is currently case sensitive and we need to change that.

SearchingActivity() - Constructor for class ca.ualberta.c301w19t14.onebook.activities.SearchingActivity**SearchingTest** - Class in ca.ualberta.c301w19t14.onebook

This test checks to see if a user can enter search details into the search bar to filter the available books

SearchingTest() - Constructor for class ca.ualberta.c301w19t14.onebook.SearchingTest**SearchingTest()** - Method in class ca.ualberta.c301w19t14.onebook.SearchingTest**setAddress(String)** - Method in class ca.ualberta.c301w19t14.onebook.models.Location

Set the address.

setAuthor(String) - Method in class ca.ualberta.c301w19t14.onebook.models.Book

setter for book author

setBook(Book) - Method in class ca.ualberta.c301w19t14.onebook.models.Request**setBorrower(User)** - Method in class ca.ualberta.c301w19t14.onebook.models.Book**setContent(String)** - Method in class ca.ualberta.c301w19t14.onebook.models.Notification

Setter for content.

setDescription(String) - Method in class ca.ualberta.c301w19t14.onebook.models.Book

setter for description

setEmail(String) - Method in class ca.ualberta.c301w19t14.onebook.models.User

setter email

setIcon(int) - Method in class ca.ualberta.c301w19t14.onebook.models.Notification

Setter for icon.

setId(String) - Method in class ca.ualberta.c301w19t14.onebook.models.Book

setter for Book Id

setId(String) - Method in class ca.ualberta.c301w19t14.onebook.models.MessagingChatsList

setter for chatList id

setId(String) - Method in class ca.ualberta.c301w19t14.onebook.models.Notification

Sets the notification ID.

setId(String) - Method in class ca.ualberta.c301w19t14.onebook.models.Request**setIsbn(long)** - Method in class ca.ualberta.c301w19t14.onebook.models.Book

setter for book ISBN

setLat(double) - Method in class ca.ualberta.c301w19t14.onebook.models.Location
 Set the lat.

setLng(double) - Method in class ca.ualberta.c301w19t14.onebook.models.Location
 Set the lng.

setLocation(Location) - Method in class ca.ualberta.c301w19t14.onebook.models.Request

setMessage(String) - Method in class ca.ualberta.c301w19t14.onebook.models.Chat
 setter for the message String

setName(String) - Method in class ca.ualberta.c301w19t14.onebook.models.User
 set user name

setOwner(User) - Method in class ca.ualberta.c301w19t14.onebook.models.Book
 setter for book owner

setReceiver(String) - Method in class ca.ualberta.c301w19t14.onebook.models.Chat
 setter for receiver id

setRequest(HashMap<String, Request>) - Method in class ca.ualberta.c301w19t14.onebook.models.Book
 setter for book requesters

setRequest(Request) - Method in class ca.ualberta.c301w19t14.onebook.models.Notification
 Setter for request.

setSender(String) - Method in class ca.ualberta.c301w19t14.onebook.models.Chat
 setter for sender id

setStatus(String) - Method in class ca.ualberta.c301w19t14.onebook.models.Request

setTitle(String) - Method in class ca.ualberta.c301w19t14.onebook.models.Book
 setter for Book Title

setTitle(String) - Method in class ca.ualberta.c301w19t14.onebook.models.Notification
 Setter for title.

setUid(String) - Method in class ca.ualberta.c301w19t14.onebook.models.User
 set user id

setUser(User) - Method in class ca.ualberta.c301w19t14.onebook.models.Notification
 Setter for user.

setUser(User) - Method in class ca.ualberta.c301w19t14.onebook.models.Request

showMessage - Variable in class ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter.ViewHolder

StartLendingTransaction() - Method in class ca.ualberta.c301w19t14.onebook.AddDeleteBookTest

StartLendingTransaction() - Method in class ca.ualberta.c301w19t14.onebook.ModifyBookDescription

StartMessagesTransaction() - Method in class ca.ualberta.c301w19t14.onebook.CheckMessagesTest

StartMyAccountFragment() - Method in class ca.ualberta.c301w19t14.onebook.EditProfileTest

status - Variable in class ca.ualberta.c301w19t14.onebook.BookTest

status - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest

status() - Method in class ca.ualberta.c301w19t14.onebook.models.Book
 Returns the status for the book.

status - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest

status - Variable in class ca.ualberta.c301w19t14.onebook.UserTest

steve - Variable in class ca.ualberta.c301w19t14.onebook.BookTest

steve - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest

steve - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest

steve - Variable in class ca.ualberta.c301w19t14.onebook.UserTest

steve_email - Variable in class ca.ualberta.c301w19t14.onebook.BookTest

steve_email - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest

steve_email - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest

steve_email - Variable in class ca.ualberta.c301w19t14.onebook.UserTest

steve_name - Variable in class ca.ualberta.c301w19t14.onebook.BookTest

steve_name - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest

steve_name - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest

steve_name - Variable in class ca.ualberta.c301w19t14.onebook.UserTest

steve_uid - Variable in class ca.ualberta.c301w19t14.onebook.BookTest

steve_uid - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest

steve_uid - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest

steve_uid - Variable in class ca.ualberta.c301w19t14.onebook.UserTest

A B C D E F G I L M N O P R S T U V W

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV LETTER](#) [NEXT LETTER](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

A B C D E F G I L M N O P R S T U V W

T

[test_Address\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.LocationTest

[test_location_lat\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.LocationTest

[test_location_lng\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.LocationTest

[test_set_lat\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.LocationTest

[test_set_lng\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.LocationTest

[test_streetAddress\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.LocationTest

[test_Uid\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.BookTest

[testBookDetails\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.BookTest

[TestEditProfile\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.EditProfileTest

[testEmail\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.BookTest

[testGetId\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.MessageSystemTest

[testGetMessage\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.ChatTest

[testGetReceiver\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.ChatTest

[testGetSender\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.ChatTest

[testName\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.BookTest

[testSetId\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.MessageSystemTest

[testSetID\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.RequestTest

[testSetLocation\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.RequestTest

[testSetOwner\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.RequestTest

[testViewBook\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.ViewBookTest

[testViewBook\(\)](#) - Method in class ca.ualberta.c301w19t14.onebook.ViewRequestableTest

[title](#) - Variable in class ca.ualberta.c301w19t14.onebook.adapters.NotificationsAdapter.NotificationsViewHolder

[title](#) - Variable in class ca.ualberta.c301w19t14.onebook.adapters.RequestsAdapter.RequestsViewHolder

[title](#) - Variable in class ca.ualberta.c301w19t14.onebook.BookTest

title - Variable in class ca.ualberta.c301w19t14.onebook.MessageSystemTest

title - Variable in class ca.ualberta.c301w19t14.onebook.RequestTest

title - Variable in class ca.ualberta.c301w19t14.onebook.UserTest

A B C D E F G I L M N O P R S T U V W

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV LETTER](#) [NEXT LETTER](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

A B C D E F G I L M N O P R S T U V W

U**UP** - Static variable in class ca.ualberta.c301w19t14.onebook.models.Notification**update()** - Method in class ca.ualberta.c301w19t14.onebook.models.Book

Updates a book.

updateDatabase(String) - Static method in class ca.ualberta.c301w19t14.onebook.models.User

updates the firebase database

updateEmail(String, String) - Static method in class ca.ualberta.c301w19t14.onebook.models.User

updates the user's email

updateName(String, String) - Static method in class ca.ualberta.c301w19t14.onebook.models.User

updates the user's name

updatePassword(String, String) - Static method in class ca.ualberta.c301w19t14.onebook.models.User

updates the user's passwords

updateUserInfo() - Method in class ca.ualberta.c301w19t14.onebook.fragments.MyProfileFragment**user** - Variable in class ca.ualberta.c301w19t14.onebook.Globals**User** - Class in ca.ualberta.c301w19t14.onebook.models

This class is for the user and encompasses borrowers and owners

User() - Constructor for class ca.ualberta.c301w19t14.onebook.models.User**User(String, String, String)** - Constructor for class ca.ualberta.c301w19t14.onebook.models.User**UserAccountActivity** - Class in ca.ualberta.c301w19t14.onebook.activities

This class shows a user's information when someone clicks on the owner of a book.

UserAccountActivity() - Constructor for class ca.ualberta.c301w19t14.onebook.activities.UserAccountActivity**userCanRequest()** - Method in class ca.ualberta.c301w19t14.onebook.models.Book

Returns if the current user can request the book.

userHasRequest(User) - Method in class ca.ualberta.c301w19t14.onebook.models.Book

Returns if the user has a request on the book.

userIsOwner() - Method in class ca.ualberta.c301w19t14.onebook.models.Book

Returns if the current user is the books owner.

UserLoginActivity - Class in ca.ualberta.c301w19t14.onebook.activities

This class implements the user login functionality.

UserLoginActivity() - Constructor for class ca.ualberta.c301w19t14.onebook.activities.UserLoginActivity**users** - Variable in class ca.ualberta.c301w19t14.onebook.fragments.MessagingUsersFragment**users** - Variable in class ca.ualberta.c301w19t14.onebook.Globals**UserTest** - Class in ca.ualberta.c301w19t14.onebook**UserTest()** - Constructor for class ca.ualberta.c301w19t14.onebook.UserTest

A B C D E F G I L M N O P R S T U V W

OVERVIEW PACKAGE CLASS USE TREE DEPRECATED INDEX HELP

PREV LETTER NEXT LETTER

FRAMES NO FRAMES

ALL CLASSES

A B C D E F G I L M N O P R S T U V W

V**v** - Variable in class ca.ualberta.c301w19t14.onebook.fragments.BorrowingFragment**vAuthor** - Variable in class ca.ualberta.c301w19t14.onebook.adapters.BookAdapter.BookViewHolder**view** - Variable in class ca.ualberta.c301w19t14.onebook.adapters.BookAdapter**view** - Variable in class ca.ualberta.c301w19t14.onebook.adapters.NotificationsAdapter**view** - Variable in class ca.ualberta.c301w19t14.onebook.adapters.RequestsAdapter**ViewBookActivity** - Class in ca.ualberta.c301w19t14.onebook.activities

This class implement a view book information page.

ViewBookActivity() - Constructor for class ca.ualberta.c301w19t14.onebook.activities.ViewBookActivity**ViewBookTest** - Class in ca.ualberta.c301w19t14.onebook

This test checks to see that a user can view the details of a book that isn't his/hers

ViewBookTest() - Constructor for class ca.ualberta.c301w19t14.onebook.ViewBookTest**ViewHolder(View)** - Constructor for class ca.ualberta.c301w19t14.onebook.adapters.MessageAdapter.ViewHolder**ViewHolder(View)** - Constructor for class

ca.ualberta.c301w19t14.onebook.adapters.MessagingUserAdapter.ViewHolder

ViewPageAdapter - Class in ca.ualberta.c301w19t14.onebook.adapters

This class implements the ViewPageAdapter for the chat and user fragments.

ViewPageAdapter(FragmentManager) - Constructor for class

ca.ualberta.c301w19t14.onebook.adapters.ViewPageAdapter

ViewRequestableTest - Class in ca.ualberta.c301w19t14.onebook

This test checks to see that a user can view one of his/her owned books and its details

ViewRequestableTest() - Constructor for class ca.ualberta.c301w19t14.onebook.ViewRequestableTest**ViewRequestsActivity** - Class in ca.ualberta.c301w19t14.onebook.activities

This class shows all the requests on a book.

ViewRequestsActivity() - Constructor for class ca.ualberta.c301w19t14.onebook.activities.ViewRequestsActivity**vImage** - Variable in class ca.ualberta.c301w19t14.onebook.adapters.BookAdapter.BookViewHolder**vOwner** - Variable in class ca.ualberta.c301w19t14.onebook.adapters.BookAdapter.BookViewHolder**vStatus** - Variable in class ca.ualberta.c301w19t14.onebook.adapters.BookAdapter.BookViewHolder**vTitle** - Variable in class ca.ualberta.c301w19t14.onebook.adapters.BookAdapter.BookViewHolder

A B C D E F G I L M N O P R S T U V W

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV LETTER](#) [NEXT LETTER](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV LETTER](#) [NEXT LETTER](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

A B C D E F G I L M N O P R S T U V W

W

waitlistDoNext() - Method in class `ca.ualberta.c301w19t14.onebook.models.Book`

A B C D E F G I L M N O P R S T U V W

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV LETTER](#) [NEXT LETTER](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

Uses of Package

ca.ualberta.c301w19t14.onebook

Packages that use ca.ualberta.c301w19t14.onebook

Package	Description
ca.ualberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.

Classes in ca.ualberta.c301w19t14.onebook used by ca.ualberta.c301w19t14.onebook

Class and Description

Globals

This class saves some Firebase attributes.

Uses of Package ca.ualberta.c301w19t14.onebook.activities

Packages that use ca.ualberta.c301w19t14.onebook.activities

Package	Description
ca.ualberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.

Classes in ca.ualberta.c301w19t14.onebook.activities used by ca.ualberta.c301w19t14.onebook

Class and Description

EditUserActivity

This class allows a user to edit their account information.

MainActivity

This class implements the main functionality of the app.

SearchingActivity

This class allows a user to do a key word search on a book title. Currently only allows keyword searches on title, but we need to update it to include author, description, owner, and isbn. The search is currently case sensitive and we need to change that.

UserLoginActivity

This class implements the user login functionality.

ViewBookActivity

This class implements a view book information page.

Uses of Package ca.ualberta.c301w19t14.onebook.adapters

Packages that use ca.ualberta.c301w19t14.onebook.adapters

Package	Description
ca.ualberta.c301w19t14.onebook.activities	
ca.ualberta.c301w19t14.onebook.adapters	

Classes in ca.ualberta.c301w19t14.onebook.adapters used by ca.ualberta.c301w19t14.onebook.activities

Class and Description

BookAdapter

This class is used to create all of the recycler views that list books.

Classes in ca.ualberta.c301w19t14.onebook.adapters used by ca.ualberta.c301w19t14.onebook.adapters

Class and Description

BookAdapter.BookViewHolder

MessageAdapter.ViewHolder

MessagingUserAdapter.ViewHolder

NotificationsAdapter.NotificationsViewHolder

RequestsAdapter.RequestsViewHolder

Uses of Package

ca.ualberta.c301w19t14.onebook.fragments

No usage of ca.ualberta.c301w19t14.onebook.fragments

Uses of Package `ca.ualberta.c301w19t14.onebook.models`

Packages that use `ca.ualberta.c301w19t14.onebook.models`

Package	Description
<code>ca.ualberta.c301w19t14.onebook</code>	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.
<code>ca.ualberta.c301w19t14.onebook.activities</code>	
<code>ca.ualberta.c301w19t14.onebook.adapters</code>	
<code>ca.ualberta.c301w19t14.onebook.fragments</code>	
<code>ca.ualberta.c301w19t14.onebook.models</code>	
<code>ca.ualberta.c301w19t14.onebook.util</code>	

Classes in `ca.ualberta.c301w19t14.onebook.models` used by `ca.ualberta.c301w19t14.onebook`

Class and Description
Book This class handles all attributes of the book object.
Chat This class is a model for a Chat in Firebase.
Location This class is mainly used to abstract location data for book pickup.
MessagingChatsList This class is a model for the chatList in Firebase.
Notification This class is a model for the notifications.
Request This class abstracts the Request data type.
User This class is for the user and encompasses borrowers and owners

Classes in `ca.ualberta.c301w19t14.onebook.models` used by `ca.ualberta.c301w19t14.onebook.activities`

Class and Description

Book

This class handles all attributes of the book object.

Classes in ca.ulberta.c301w19t14.onebook.models used by ca.ulberta.c301w19t14.onebook.adapters

Class and Description

Book

This class handles all attributes of the book object.

Chat

This class is a model for a Chat in Firebase.

Notification

This class is a model for the notifications.

Request

This class abstracts the Request data type.

User

This class is for the user and encompasses borrowers and owners

Classes in ca.ulberta.c301w19t14.onebook.models used by ca.ulberta.c301w19t14.onebook.fragments

Class and Description

Book

This class handles all attributes of the book object.

User

This class is for the user and encompasses borrowers and owners

Classes in ca.ulberta.c301w19t14.onebook.models used by ca.ulberta.c301w19t14.onebook.models

Class and Description

Book

This class handles all attributes of the book object.

Location

This class is mainly used to abstract location data for book pickup.

Request

This class abstracts the Request data type.

User

This class is for the user and encompasses borrowers and owners

Classes in ca.ulberta.c301w19t14.onebook.models used by ca.ulberta.c301w19t14.onebook.util

Class and Description

Book

This class handles all attributes of the book object.

Request

This class abstracts the Request data type.

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV](#) [NEXT](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

Uses of Package

ca.ulberta.c301w19t14.onebook.util

Packages that use ca.ulberta.c301w19t14.onebook.util

Package	Description
ca.ulberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.
ca.ulberta.c301w19t14.onebook.activities	

Classes in ca.ulberta.c301w19t14.onebook.util used by ca.ulberta.c301w19t14.onebook

Class and Description

FirebaseUtil

Classes in ca.ulberta.c301w19t14.onebook.util used by ca.ulberta.c301w19t14.onebook.activities

Class and Description

FirebaseUtil

Uses of Class

ca.ulberta.c301w19t14.onebook.models.MessagingChatsList

Packages that use MessagingChatsList

Package	Description
ca.ulberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.

Uses of MessagingChatsList in ca.ulberta.c301w19t14.onebook

Fields in ca.ulberta.c301w19t14.onebook declared as MessagingChatsList

Modifier and Type	Field and Description
MessagingChatsList	MessageSystemTest.messagingSystem

Uses of Class

ca.ualberta.c301w19t14.onebook.adapters.MessagingUserAdapter

No usage of ca.ualberta.c301w19t14.onebook.adapters.MessagingUserAdapter

Uses of Class

ca.ualberta.c301w19t14.onebook.fragments.MessagingUsersFragment

No usage of ca.ualberta.c301w19t14.onebook.fragments.MessagingUsersFragment

Uses of Class

ca.ualberta.c301w19t14.onebook.Methods

No usage of ca.ualberta.c301w19t14.onebook.Methods

Uses of Class

ca.ualberta.c301w19t14.onebook.ModifyBookDescription

No usage of ca.ualberta.c301w19t14.onebook.ModifyBookDescription

Uses of Class

ca.ualberta.c301w19t14.onebook.MyAccountTest

No usage of ca.ualberta.c301w19t14.onebook.MyAccountTest

Uses of Class

ca.ualberta.c301w19t14.onebook.fragments.MyProfileFragment

No usage of ca.ualberta.c301w19t14.onebook.fragments.MyProfileFragment

Uses of Class

ca.ualberta.c301w19t14.onebook.MyViewAction

No usage of ca.ualberta.c301w19t14.onebook.MyViewAction

Uses of Class

ca.ualberta.c301w19t14.onebook.models.Notification

Packages that use Notification

Package	Description
ca.ualberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.
ca.ualberta.c301w19t14.onebook.adapters	

Uses of Notification in ca.ualberta.c301w19t14.onebook

Fields in ca.ualberta.c301w19t14.onebook declared as Notification

Modifier and Type	Field and Description
Notification	RequestTest.notification

Uses of Notification in ca.ualberta.c301w19t14.onebook.adapters

Constructor parameters in ca.ualberta.c301w19t14.onebook.adapters with type arguments of type Notification

Constructor and Description
<code>NotificationsAdapter(android.content.Context context, java.util.ArrayList<Notification> notificationList)</code>

Uses of Class

ca.ualberta.c301w19t14.onebook.fragments.NotificationFragment

No usage of ca.ualberta.c301w19t14.onebook.fragments.NotificationFragment

Uses of Class

ca.ualberta.c301w19t14.onebook.adapters.NotificationsAdapter

No usage of ca.ualberta.c301w19t14.onebook.adapters.NotificationsAdapter

Uses of Class

ca.ualberta.c301w19t14.onebook.NotificationTest

No usage of ca.ualberta.c301w19t14.onebook.NotificationTest

Uses of Class

ca.ualberta.c301w19t14.onebook.RecyclerViewMatcher

No usage of ca.ualberta.c301w19t14.onebook.RecyclerViewMatcher

Uses of Class

ca.ualberta.c301w19t14.onebook.models.Request

Packages that use Request

Package	Description
ca.ualberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.
ca.ualberta.c301w19t14.onebook.adapters	
ca.ualberta.c301w19t14.onebook.models	
ca.ualberta.c301w19t14.onebook.util	

Uses of Request in ca.ualberta.c301w19t14.onebook

Fields in ca.ualberta.c301w19t14.onebook declared as Request

Modifier and Type	Field and Description
Request	RequestTest.request

Fields in ca.ualberta.c301w19t14.onebook with type parameters of type Request

Modifier and Type	Field and Description
java.util.ArrayList<Request>	RequestTest.req
java.util.ArrayList<Request>	UserTest.req
java.util.ArrayList<Request>	BookTest.req
java.util.ArrayList<Request>	MessageSystemTest.req

Uses of Request in ca.ualberta.c301w19t14.onebook.adapters

Constructor parameters in ca.ualberta.c301w19t14.onebook.adapters with type arguments of type Request

Constructor and Description
RequestsAdapter (android.content.Context context, java.util.ArrayList<Request> list)

Uses of Request in ca.ualberta.c301w19t14.onebook.models

Methods in ca.ualberta.c301w19t14.onebook.models that return Request

Modifier and Type	Method and Description
Request	<code>Book.acceptedRequest()</code> Returns the accepted request on the book, if exists.
Request	<code>Book.getNextRequest()</code> Returns the next request from waitlist.
Request	<code>Notification.getRequest()</code> Getter for request.

Methods in ca.ualberta.c301w19t14.onebook.models that return types with arguments of type Request

Modifier and Type	Method and Description
<code>java.util.HashMap<java.lang.String, Request></code>	<code>Book.getRequest()</code> getter for book requesters

Methods in ca.ualberta.c301w19t14.onebook.models with parameters of type Request

Modifier and Type	Method and Description
static void	<code>Notification.deleteWhereRequestAndUser(Request request, User user)</code>
void	<code>Notification.setRequest(Request request)</code> Setter for request.

Method parameters in ca.ualberta.c301w19t14.onebook.models with type arguments of type Request

Modifier and Type	Method and Description
void	<code>Book.setRequest(java.util.HashMap<java.lang.String, Request> request)</code> setter for book requesters

Constructors in ca.ualberta.c301w19t14.onebook.models with parameters of type Request

Constructor and Description
<code>Notification(java.lang.String title, java.lang.String content, Request request, User user, int icon)</code> Constructor for notification for a book request.

Uses of Request in ca.ualberta.c301w19t14.onebook.util

Methods in ca.ualberta.c301w19t14.onebook.util that return types with arguments of type Request

Modifier and Type	Method and Description
<code>java.util.ArrayList<Request></code>	<code>FirebaseUtil.getAllRequests()</code>

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV](#) [NEXT](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

Uses of Class

ca.ualberta.c301w19t14.onebook.adapters.RequestsAdapter

No usage of ca.ualberta.c301w19t14.onebook.adapters.RequestsAdapter

Uses of Class

ca.ualberta.c301w19t14.onebook.RequestTest

No usage of ca.ualberta.c301w19t14.onebook.RequestTest

Uses of Class

ca.ualberta.c301w19t14.onebook.activities.ScanisbnActivity

No usage of ca.ualberta.c301w19t14.onebook.activities.ScanisbnActivity

Uses of Class

ca.ualberta.c301w19t14.onebook.activities.SearchingActivity

Packages that use SearchingActivity

Package	Description
ca.ualberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.

Uses of SearchingActivity in ca.ualberta.c301w19t14.onebook

Fields in ca.ualberta.c301w19t14.onebook with type parameters of type SearchingActivity

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<SearchingActivity>	SearchingTest.activityRule

Uses of Class

ca.ualberta.c301w19t14.onebook.SearchingTest

No usage of ca.ualberta.c301w19t14.onebook.SearchingTest

Uses of Class

ca.ualberta.c301w19t14.onebook.models.User

Packages that use User

Package	Description
ca.ualberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.
ca.ualberta.c301w19t14.onebook.adapters	
ca.ualberta.c301w19t14.onebook.fragments	
ca.ualberta.c301w19t14.onebook.models	

Uses of User in ca.ualberta.c301w19t14.onebook

Fields in ca.ualberta.c301w19t14.onebook declared as User

Modifier and Type	Field and Description
User	RequestTest.bob
User	UserTest.bob
User	BookTest.bob
User	MessageSystemTest.bob
User	RequestTest.steve
User	UserTest.steve
User	BookTest.steve
User	MessageSystemTest.steve

Methods in ca.ualberta.c301w19t14.onebook that return User

Modifier and Type	Method and Description
static User	<code>Globals.getCurrentUser()</code> Get the current user that is log on in the app

Uses of User in ca.ualberta.c301w19t14.onebook.adapters

Constructor parameters in ca.ualberta.c301w19t14.onebook.adapters with type arguments of type User

Constructor and Description

MessagingUserAdapter(android.content.Context mContext, java.util.List<User> mUsers)

Uses of User in ca.ualberta.c301w19t14.onebook.fragments

Fields in ca.ualberta.c301w19t14.onebook.fragments with type parameters of type User

Modifier and Type	Field and Description
java.util.ArrayList<User>	MessagingUsersFragment.users

Uses of User in ca.ualberta.c301w19t14.onebook.models

Methods in ca.ualberta.c301w19t14.onebook.models that return User

Modifier and Type	Method and Description
User	Book.getBorrower() getter for book borrower
User	Book.getOwner() getter for book owner
User	Request.getUser()
User	Notification.getUser() Getter for user.

Methods in ca.ualberta.c301w19t14.onebook.models with parameters of type User

Modifier and Type	Method and Description
static void	Notification.deleteWhereRequestAndUser(Request request, User user)
static void	Request.requestBook(User user, Book book) Abstracts the request a book process.
void	Book.setBorrower(User borrower)
void	Book.setOwner(User owner) setter for book owner
void	Request.setUser(User user)
void	Notification.setUser(User user) Setter for user.
boolean	Book.userHasRequest(User user) Returns if the user has a request on the book.

Constructors in ca.ualberta.c301w19t14.onebook.models with parameters of type User

Constructor and Description

Book(long isbn, java.lang.String title, java.lang.String author, java.lang.String description, **User** owner)

Book(long isbn, java.lang.String title, java.lang.String author, java.lang.String description, **User** owner, **User** borrower)

Notification(java.lang.String title, java.lang.String content, **Request** request, **User** user, int icon)

Constructor for notification for a book request.

Notification(java.lang.String title, java.lang.String content, **User** user, int icon)

Constructor for basic notification.

Request(**User** user, **Book** book, java.lang.String requestID)

Request constructor.

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV](#) [NEXT](#)

[FRAMES](#) [NO FRAMES](#)

[ALL CLASSES](#)

Uses of Class

ca.ualberta.c301w19t14.onebook.activities.UserAccountActivity

No usage of ca.ualberta.c301w19t14.onebook.activities.UserAccountActivity

Uses of Class

ca.ulberta.c301w19t14.onebook.activities.UserLoginActivity

Packages that use UserLoginActivity

Package	Description
ca.ulberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.

Uses of UserLoginActivity in ca.ulberta.c301w19t14.onebook

Fields in ca.ulberta.c301w19t14.onebook with type parameters of type UserLoginActivity

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<UserLoginActivity>	LoginScreenTest.activityRule

Uses of Class

ca.ualberta.c301w19t14.onebook.UserTest

No usage of ca.ualberta.c301w19t14.onebook.UserTest

Uses of Class

ca.ualberta.c301w19t14.onebook.activities.ViewBookActivity

Packages that use ViewBookActivity

Package	Description
ca.ualberta.c301w19t14.onebook	OneBook is a user-to-user book exchange application that allows users to lend books they own to other users.

Uses of ViewBookActivity in ca.ualberta.c301w19t14.onebook

Fields in ca.ualberta.c301w19t14.onebook with type parameters of type ViewBookActivity

Modifier and Type	Field and Description
androidx.test.rule.ActivityTestRule<ViewBookActivity>	ViewRequestableTest.activityRule
androidx.test.rule.ActivityTestRule<ViewBookActivity>	ViewBookTest.activityRule

Uses of Class

ca.ualberta.c301w19t14.onebook.ViewBookTest

No usage of ca.ualberta.c301w19t14.onebook.ViewBookTest

Uses of Class

ca.ualberta.c301w19t14.onebook.adapters.ViewPagerAdapter

No usage of ca.ualberta.c301w19t14.onebook.adapters.ViewPagerAdapter

Uses of Class

ca.ualberta.c301w19t14.onebook.ViewRequestableTest

No usage of ca.ualberta.c301w19t14.onebook.ViewRequestableTest

Uses of Class

ca.ualberta.c301w19t14.onebook.activities.ViewRequestsActivity

No usage of ca.ualberta.c301w19t14.onebook.activities.ViewRequestsActivity

Uses of Class

ca.ualberta.c301w19t14.onebook.adapters.BookAdapter.BookViewHolder

Packages that use BookAdapter.BookViewHolder

Package	Description
ca.ualberta.c301w19t14.onebook.adapters	

Uses of BookAdapter.BookViewHolder in ca.ualberta.c301w19t14.onebook.adapters

Methods in ca.ualberta.c301w19t14.onebook.adapters that return BookAdapter.BookViewHolder

Modifier and Type	Method and Description
	<code>BookAdapter.BookViewHolder BookAdapter.onCreateViewHolder (android.view.ViewGroup viewGroup, int i)</code>

Methods in ca.ualberta.c301w19t14.onebook.adapters with parameters of type BookAdapter.BookViewHolder

Modifier and Type	Method and Description
void	<code>BookAdapter.onBindViewHolder (BookAdapter.BookViewHolder bookVh, int i)</code>

Uses of Class

ca.ulberta.c301w19t14.onebook.adapters.RequestsAdapter.RequestsViewHolder

Packages that use RequestsAdapter.RequestsViewHolder

Package	Description
ca.ulberta.c301w19t14.onebook.adapters	

Uses of RequestsAdapter.RequestsViewHolder in ca.ulberta.c301w19t14.onebook.adapters

Methods in ca.ulberta.c301w19t14.onebook.adapters that return RequestsAdapter.RequestsViewHolder

Modifier and Type	Method and Description
RequestsAdapter.RequestsViewHolder	<code>RequestsAdapter.onCreateViewHolder(android.view.ViewGroup viewGroup, int i)</code>

Methods in ca.ulberta.c301w19t14.onebook.adapters with parameters of type RequestsAdapter.RequestsViewHolder

Modifier and Type	Method and Description
void	<code>RequestsAdapter.onBindViewHolder(RequestsAdapter.RequestsViewHolder mVh, int i)</code> Attaches content to the each request in the view.

Uses of Class

ca.ulberta.c301w19t14.onebook.adapters.MessageAdapter.ViewHolder

Packages that use MessageAdapter.ViewHolder

Package	Description
ca.ulberta.c301w19t14.onebook.adapters	

Uses of MessageAdapter.ViewHolder in ca.ulberta.c301w19t14.onebook.adapters

Methods in ca.ulberta.c301w19t14.onebook.adapters that return MessageAdapter.ViewHolder

Modifier and Type	Method and Description
MessageAdapter.ViewHolder	<code>MessageAdapter.onCreateViewHolder(android.view.ViewGroup viewGroup, int viewType)</code> Initializes the view based on the sender and receiver messages.

Methods in ca.ulberta.c301w19t14.onebook.adapters with parameters of type MessageAdapter.ViewHolder

Modifier and Type	Method and Description
void	<code>MessageAdapter.onBindViewHolder(MessageAdapter.ViewHolder viewHolder, int i)</code> Attaches the messages to the view.

Uses of Class

ca.ulalberta.c301w19t14.onebook.adapters.MessagingUserAdapter.ViewHolder

Packages that use MessagingUserAdapter.ViewHolder

Package	Description
ca.ulalberta.c301w19t14.onebook.adapters	

Uses of MessagingUserAdapter.ViewHolder in ca.ulalberta.c301w19t14.onebook.adapters

Methods in ca.ulalberta.c301w19t14.onebook.adapters that return MessagingUserAdapter.ViewHolder

Modifier and Type	Method and Description
	<code>MessagingUserAdapter.ViewHolder MessagingUserAdapter.onCreateViewHolder(android.view.ViewGroup viewGroup, int i)</code>

Methods in ca.ulalberta.c301w19t14.onebook.adapters with parameters of type MessagingUserAdapter.ViewHolder

Modifier and Type	Method and Description
void	<code>MessagingUserAdapter.onBindViewHolder(MessagingUserAdapter.ViewHolder viewHolder, int i)</code>

Uses of Class

ca.ualberta.c301w19t14.onebook.adapters.NotificationsAdapter.NotificationsViewHolder

Packages that use NotificationsAdapter.NotificationsViewHolder

Package	Description
ca.ualberta.c301w19t14.onebook.adapters	

Uses of NotificationsAdapter.NotificationsViewHolder in ca.ualberta.c301w19t14.onebook.adapters

Methods in ca.ualberta.c301w19t14.onebook.adapters that return NotificationsAdapter.NotificationsViewHolder

Modifier and Type	Method and Description
	<code>NotificationsAdapter.NotificationsViewHolder NotificationsAdapter.onCreateViewHolder(android.view.ViewGroup viewGroup, int i)</code>

Methods in ca.ualberta.c301w19t14.onebook.adapters with parameters of type NotificationsAdapter.NotificationsViewHolder

Modifier and Type	Method and Description
void	<code>NotificationsAdapter.onBindViewHolder(NotificationsAdapter.NotificationsViewHolder mVh, int i)</code> Attaches notification content to the view.