

ultramirinc.champs_mood

Class TabActivity

```
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
                ultramirinc.champs_mood.TabActivity
```

All Implemented Interfaces:

android.content.ComponentCallbacks, android.content.ComponentCallbacks2, android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback, android.support.v4.app.ActivityCompatApi23.RequestPermissionsRequestCodeValidator, android.support.v4.app.TaskStackBuilder.SupportParentable, android.support.v7.app.ActionBarDrawerToggle.DelegateProvider, android.support.v7.app.AppCompatActivity.Callback, android.view.KeyEvent.Callback, android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2, android.view.View.OnCreateContextMenuListener, android.view.Window.Callback

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

Created by Etienne Berube on 2017-03-23. This class is the mainframe of the application. Every function or fragment is link to this class. Here is the heart of the app.

Nested Class Summary

Nested Classes

Modifier and Type	Class and Description
class	TabActivity.SectionsPagerAdapter A FragmentPagerAdapter that returns a fragment corresponding to one of the sections/tabs/pages.

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
private <code>TabActivity.SectionsPagerAdapter</code>	<code>mSectionsPagerAdapter</code> Contains a section pager adapter for the activity
private <code>MyViewPager</code>	<code>mViewPager</code> Contains the view pager for the activity
private <code>android.app.ProgressDialog</code>	<code>progressDialog</code> Contains a progress dialog

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`, `CONNECTIVITY_SERVICE`, `CONSUMER_IR_SERVICE`, `CONTEXT_IGNORE_SECURITY`, `CONTEXT_INCLUDE_CODE`, `CONTEXT_RESTRICTED`, `DEVICE_POLICY_SERVICE`, `DISPLAY_SERVICE`, `DOWNLOAD_SERVICE`, `DROPBOX_SERVICE`, `FINGERPRINT_SERVICE`, `HARDWARE_PROPERTIES_SERVICE`, `INPUT_METHOD_SERVICE`, `INPUT_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`, `RESTRICTIONS_SERVICE`, `SEARCH_SERVICE`, `SENSOR_SERVICE`, `SHORTCUT_SERVICE`, `STORAGE_SERVICE`, `SYSTEM_HEALTH_SERVICE`, `TELECOM_SERVICE`, `TELEPHONY_SERVICE`, `TELEPHONY_SUBSCRIPTION_SERVICE`, `TEXT_SERVICES_MANAGER_SERVICE`, `TV_INPUT_SERVICE`, `UI_MODE_SERVICE`, `USAGE_STATS_SERVICE`, `USB_SERVICE`, `USER_SERVICE`, `VIBRATOR_SERVICE`, `WALLPAPER_SERVICE`, `WIFI_P2P_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

[TabActivity\(\)](#)

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
private void	loadUserInformationSetupViewPager(MyViewPager viewPager) Gets user's information from the database and sets up the ViewPager.
void	onBackPressed() Quits the application when the back button of the android device is pressed.
protected void	onCreate(android.os.Bundle savedInstanceState) Creates and inflate the visual layout for the Activity.
boolean	onCreateOptionsMenu(android.view.Menu menu) Inflates the toolbar with a given XML file.
boolean	onOptionsItemSelected(android.view.MenuItem item) Handles the actions when a icon in the toolbar is clicked.
void	onPause() Removes the progress dialog when the activity is paused.
void	removeKeyboard() Removes the keyboard from the screen.
private void	setupViewPager(MyViewPager viewPager) Sets up the ViewPager.

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

[addContentView](#), [dispatchKeyEvent](#), [findViewById](#), [getDelegate](#), [getDrawerToggleDelegate](#), [getMenuInflater](#), [getResources](#), [getSupportActionBar](#), [getSupportParentActivityIntent](#), [invalidateOptionsMenu](#), [onConfigurationChanged](#), [onContentChanged](#), [onCreateSupportNavigateUpTaskStack](#), [onDestroy](#), [onMenuItemSelected](#), [onMenuOpened](#), [onPanelClosed](#), [onPostCreate](#), [onPostResume](#), [onPrepareSupportNavigateUpTaskStack](#), [onSaveInstanceState](#), [onStart](#), [onStop](#), [onSupportActionModeFinished](#), [onSupportActionModeStarted](#), [onSupportContentChanged](#), [onSupportNavigateUp](#), [onTitleChanged](#), [onWindowStartingSupportActionMode](#), [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, getSupportFragmentManager, getSupportLoaderManager, getSupportMediaController, onActivityResult, onAttachFragment, onCreatePanelMenu, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPictureInPictureModeChanged, onPrepareOptionsPanel, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, setSupportMediaController, startActivityForResult, startActivityFromFragment, startActivityFromFragment, startActivitySenderFromFragment, supportFinishAfterTransition, supportPostponeEnterTransition, supportStartPostponedEnterTransition, validateRequestPermissionsrequestCode

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

getExtraData, putExtraData

Methods inherited from class android.app.Activity

closeContextMenu, closeOptionsMenu, createPendingResult, dismissDialog, dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent, dispatchKeyShortcutEvent, dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent, enterPictureInPictureMode, finish, finishActivity, finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask, finishFromChild, getActionBar, getApplication, getCallingActivity, getCallingPackage, getChangingConfigurations, getComponentName, getContentScene, getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent, getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager, getLocalClassName, getMediaController, getParent, getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation, getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor, getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager, hasWindowFocus, 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, onKeyDown, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped, onNavigateUp, onNavigateUpFromChild, onOptionsMenuClosed, 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, openOptionsMenu, overridePendingTransition, postponeEnterTransition, recreate, registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn, requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts, requestVisibleBehind, requestWindowFeature, runOnUiThread, setActionBar, setContentTransitionManager, setDefaultKeyMode, setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable, setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri, setFinishOnTouchOutside, setImmersive, setIntent, setMediaController, setProgress, setProgressBarIndeterminate, setProgressBarIndeterminateVisibility, setProgressBarVisibility, setRequestedOrientation, setResult, setResult, setSecondaryProgress, setTaskDescription, setTitle, setTitle, setTitleColor, 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, attachBaseContext, getAssets, getTheme

Methods inherited from class android.content.ContextWrapper

bindService, checkCallingOrSelfPermission, checkCallingOrSelfPermission, checkCallingPermission, checkCallingUriPermission, checkPermission, checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper, createConfigurationContext, 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, getFilePath, 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, removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser, sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast, sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser, sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper, setWallpaper, 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

Field Detail

mViewPager

```
private MyViewPager mViewPager
```

Contains the view pager for the activity

mSectionsPagerAdapter

```
private TabActivity.SectionsPagerAdapter mSectionsPagerAdapter
```

Contains a section pager adapter for the activity

progressDialog

```
private android.app.ProgressDialog progressDialog
```

Contains a progress dialog

Constructor Detail

TabActivity

```
public TabActivity()
```

Method Detail

onCreate

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

Creates and inflate the visual layout for the Activity.

Overrides:

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

loadUserInformationSetupViewPager

```
private void loadUserInformationSetupViewPager(MyViewPager viewPager)
```

Gets user's information from the database and sets up the ViewPager.

setupViewPager

```
private void setupViewPager(MyViewPager viewPager)
```

Sets up the ViewPager.

onCreateOptionsMenu

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

Inflates the toolbar with a given XML file.

Overrides:

onCreateOptionsMenu in class android.app.Activity

onOptionsItemSelected

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

Handles the actions when a icon in the toolbar is clicked.

Overrides:

onOptionsItemSelected in class android.app.Activity

removeKeyboard

```
public void removeKeyboard()
```

Removes the keyboard from the screen.

onPause

```
public void onPause()
```

Removes the progress dialog when the activity is paused.

Overrides:

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

onBackPressed

```
public void onBackPressed()
```

Quits the application when the back button of the android device is pressed.

Overrides:

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