Spooky Scary Sightings Class Diagram

SignedInActivity

- TAG : String = "SignedInActivity"
+ User : String

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onCreate(Bundle)
+ onBackPressed()
+ onCreateOptionMenu(Menu) : boolean
+ onOptionsItemSelected(MenuItem):
boolean
+ onNavigationItemSelected(MenuItem) :
boolean
+ onNotifySettingsInteraction()
+ onNotifyMonsterSettingsInteraction()
+ onUpdateProfileInteraction()
+ onListFragmentInteraction(Monster)
+ onListFragmentInteraction(Sighting)
+ onFragmentInteraction(Uri)

SightingsFragment

- mSightingsDB : SightingsDB
- ARG_COLUMN_COUNT : String =
"column-count"
- TAG : String = "SightingsList"
- ALL_SIGHTING_URL : String =
"http://spookyscarysightings
.000webhostapp.com/listSightings
.php?cmd=sightings"
- SEARCH_SIGHTING_URL : String =
"http://spookyscarysightings
.000webhostapp.com/listSightings
.php?cmd=search"
- mColumnCount : int = 1
- mSightingList : List<Sighting>
- mListener :
OnListFragmentInteractionListener
- mRecyclerView : RecyclerView
- mSharedPref : SharedPreferences
- mLoadingView : View
- mLongAnimationDuration : int
- mFlag : int

ShareSightingsDialogFragment

DialogFragment

+ onCrteateDialog(Bundle) : Dialog

AboutDialogFragment

SignInFragment

- mUsername : EditText
- mPassword : EditText
+ User : String
- SIGN_IN_URL : String =
"http://spookyscarysightings
.000webhostapp.com/login.php?"
- TAG : String = "SignInFragment"

+ buildUSerURL(View) : String

UpdateProfileFragment

MainActivity

- TAG : String = "MainActivity"
- mLoadingView : View
- mLongAnimationDuration : int
+ User : String

+ onCreate(Bundle)
+ onCreateAccountInteraction()
+ loading()
+ addUser(String)

ReportTask

SightingTask

AddUserTask

<<interface>>
OnFragmentInteractionListener

+ onFragmentInteraction(Uri)

Fragment

- ARG_PARAM1 : String = "param1"
- ARG_PARAM2 : String = "param2"
- mParam1 : String
- mParam2 : String

+ newInstance(int):SightingsFragment
+ onCreate(Bundle)
+ onCreateView(LayoutInflater,
ViewGroup, Bundle): View
+ onAttach(Context)
+ onDetach()

CreateAccountFragment

- mFirstName : EditText
- mLastName : EditText
- mUsername : EditText
- mPassword : EditText
- mEmail : EditText
- mConfirm : EditText
- COURSE_ADD_URL : String =
"http://spookyscarysightings
.000webhostapp.com/addUser.php?"
- TAG : String = "CreateAccountFragment"

+ buildUserURL(View): String

<<interface>>
SignInFragment.UserAddListener

+ addUser(String)
+ onCreateAccountInteraction()
+ loading();

<<interface>>
CreateAccountFragment.UserAddListener

+ addUser(String)
+ loading();

Monster

- mMonster : String
- mID : int
- mDescription : String
- mLastSeen : String

+ parseCourseJSON(String) :
List<Monster>

MonsterTask

MonsterDetailFragment

- mMonster : TextView
- mId : TextView
- mDescription : TextView
- mLastSeen : TextView
+ MONSTER_SELECTED : Srting =
"monster_selected"

+ onButtonPressed(Uri)
+ onResume()
+ onUpdate(Monster)

Sighting

- mUsername : String
- mId : String
- mDate : String
- mTime : String
- mCity : String
- mState : String
- mMonster : String
- mDesc : String

+ parseCourseJSON(String) :
List<Monster>

AsyncTask

onPreExecute()
doInBackground(String) : String
onPostExecute(String)

<<interface>>
OnListFragmentInteractionListener

+ onFragmentInteraction(Uri)

MonsterFragment

- ARG_COLUMN_COUNT : String = "column-count"
- mColumnCount : int = 1
- mMonsterList : List<Monster>
- mRecyclerView : RecyclerView
- TAG : String = "MonsterList"
- COURSE_URL : String = "http://spookyscarysightings .000webhostapp.com/listMonster .php?cmd=monsters"

SearchTask

<<interface>> AdapterView.OnItemSelectedListener

+ onItemSelected(AdapterView, View, int long)
+ onNothingSelected(AdapterView)

MyMonsterRecyclerViewAdapter

- mValues : List<Monster>
- mListener : OnListFragmentInteractionListener

<<interface>> OnNotifyFragmentInteractionListener

+ onNotifyMonsterSettingInteraction()

NotifySettingsFragment

SpinnerActivity

MySightingsRecyclerViewAdapter

- mValues : List<Sighting> mValues
- mListener : OnListFragmentInteractionListener

PreferencesFragment

<<interface>> OnPreferFragmentInteractionListener

+ onNotifySettingsInteraction()
+ onUpdateProfileInteraction()

ReportFragment

- mMonster : Spinner
- mDate : EditText
- mTime : EditText
- mCity : EditText
- mState : EditText
- mDetails : EditText
- mSightCount : int
- REPORT_URL : String = "http://spookyscarysightings .000webhostapp.com/addSighting.php?"
- TAG : String = "ReportFragment"

+ onButtonPressed(Uri)
- buildSightingURL(View) : String

SightingDetailFragment

- mUsername : TextView
- mDate : TextView
- mTime : TextView
- mCity : TextView
- mState : TextView
- mMonster : TextView
- mDesc : TextView
+SIGHTING_SELECTED : String = "sighting_selected"

+ updateView(Sighting)
+ onButtonPressed(Uri)
+ onResume()

RecyclerView.Adapter

+ attribute1:type = defaultValue
+ attribute2:type
- attribute3:type

+ onCreateViewHolder(ViewGroup, int) : ViewHolder
+ onBindViewHolder(ViewHolder, int)
+ getItemCount() : int

<<interface>> SightingAddListener

+ addSighting(String)

SightingDB

- SIGHTINGS_TABLE : String = "Sightings"
+ DB_VERSION : int = 1
+ DB_NAME : String = "Sightings.db"
- mSightingsDBHelper : SightingsDBHelper
- mSQLiteDatabase : SQLiteDatabase

+ insertSighting(String, String, String, String, String, String, String, String) : boolean
+ deleteSightings()
+ getSightings() : List<Sighting>

MonsterDB

+ DB_VERSION : int = 1
+ DB_NAME : String = "Monster.db"
- mMonsterDBHelper : MonsterDBHelper
- mSQLiteDatabase : SQLiteDatabase
- MONSTER_TABLE : String = "Monster"

+ insertMonster(String, String, String, String, String, String, String, String) : boolean
+ deleteMonsters()
+ getMonster() : List<Monster>

SightingsDBHelper

- CREATE_SIGHTINGS_SQL : String
- DROP_SIGHTINGS_SQL : String

+ onCreate(SQLiteDatabase)
+ onUpgrade(SQLiteDatabase, int, int)

MonsterDBHelper

- CREATE_MONSTER_SQL : String
- DROP_MONSTER_SQL : String

+ onCreate(SQLiteDatabase)
+ onUpgrade(SQLiteDatabase, int, int)