BackgroundTask.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.app.ProgressDialog;

**import** android.content.Context;

**import** android.os.AsyncTask;

**import** android.support.v7.widget.LinearLayoutManager;

**import** android.support.v7.widget.RecyclerView;

**import** android.util.Log;

**import** android.widget.Toast;

**import** org.json.JSONArray;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.BufferedReader;

**import** java.io.DataOutputStream;

**import** java.io.IOException;

**import** java.io.InputStream;

**import** java.io.InputStreamReader;

**import** java.net.HttpURLConnection;

**import** java.net.MalformedURLException;

**import** java.net.URL;

**import** java.nio.charset.StandardCharsets;

**import** java.util.ArrayList;

**import** java.util.Collections;

*/\*\**

*\* Background Task for chapter notifications*

*\*/*

**public class** BackgroundTask **extends** AsyncTask<Void, Notification, Void> {

Context **ctx**;

Activity **activity**;

RecyclerView **recyclerView**;

RecyclerView.Adapter **adapter**;

RecyclerView.LayoutManager **layoutManager**;

ProgressDialog **progressDialog**;

ArrayList<Notification> **arrayList** = **new** ArrayList<>();

**int chapterID**;

URL **url**;

**public** BackgroundTask(Context ctx, **int** chapterID, RecyclerView recyclerView) {

**this**.**ctx** = ctx;

**this**.**chapterID** = chapterID;

**activity** = (Activity)ctx;

**this**.**recyclerView** = recyclerView;

}

String **json\_string** = **"http://fblays.a2hosted.com/get\_notifications.php"**;

@Override

**protected void** onPreExecute() {

*//recyclerView = (RecyclerView)activity.findViewById(R.id.recyclerView);*

**layoutManager**=**new** LinearLayoutManager(**ctx**);

**recyclerView**.setLayoutManager(**layoutManager**);

**recyclerView**.setHasFixedSize(**true**);

*// Collections.reverse(arrayList);*

**adapter** = **new** RecyclerAdapter(**arrayList**, **ctx**);

**recyclerView**.setAdapter(**adapter**);

**progressDialog** = **new** ProgressDialog(**ctx**);

**progressDialog**.setTitle(**"Please Wait..."**);

**progressDialog**.setMessage(**"List is loading..."**);

**progressDialog**.setIndeterminate(**true**);

**progressDialog**.setCancelable(**false**);

**progressDialog**.show();

}

@Override

**protected** Void doInBackground(Void... voids) {

**try** {

**url** = **new** URL(**json\_string**);

String urlParameters = **"chapterID="**+**chapterID**;

**byte**[] postData = urlParameters.getBytes(StandardCharsets.***UTF\_8***);

**int** postDataLength = postData.**length**;

HttpURLConnection conn = (HttpURLConnection)**url**.openConnection();

conn.setDoOutput( **true** );

conn.setInstanceFollowRedirects( **false** );

conn.setRequestMethod( **"POST"** );

conn.setRequestProperty(**"Cache-Control"**, **"no-cache"**);

conn.setRequestProperty( **"Content-Type"**, **"application/x-www-form-urlencoded"**);

conn.setRequestProperty( **"charset"**, **"utf-8"**);

conn.setRequestProperty( **"Content-Length"**, Integer.*toString*( postDataLength ));

conn.setUseCaches( **false** );

**try**( DataOutputStream wr = **new** DataOutputStream( conn.getOutputStream())) {

wr.write( postData );

}

InputStream inputStream = conn.getInputStream();

BufferedReader bufferedReader = **new** BufferedReader(**new** InputStreamReader(inputStream));

StringBuilder stringBuilder = **new** StringBuilder();

String line;

**while**((line=bufferedReader.readLine())!=**null**) {

stringBuilder.append(line+**"\n"**);

}

conn.disconnect();

String json\_string = stringBuilder.toString().trim();

JSONObject jsonObject = **new** JSONObject(json\_string);

**boolean** success = jsonObject.getBoolean(**"success"**);

**if**(success) {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

**int** count = 0;

**while** (count < jsonArray.length()) {

JSONObject JO = jsonArray.getJSONObject(count);

count++;

Notification notification = **new** Notification(JO.getInt(**"id"**), JO.getInt(**"chapterID"**), JO.getString(**"type"**), JO.getInt(**"userID"**), JO.getInt(**"typeID"**), JO.getString(**"firstName"**), JO.getString(**"lastName"**), JO.getString(**"name"**));

publishProgress(notification);

Thread.*sleep*(50);

}

} **else** {

Notification notification = **null**;

publishProgress(notification);

Thread.*sleep*(10);

}

Log.*d*(**"JSON STRING"**, json\_string);

} **catch** (MalformedURLException e) {

e.printStackTrace();

} **catch** (IOException e) {

e.printStackTrace();

} **catch** (JSONException e) {

e.printStackTrace();

} **catch** (InterruptedException e) {

e.printStackTrace();

}

**return null**;

}

@Override

**protected void** onProgressUpdate(Notification... values) {

**arrayList**.add(values[0]);

**adapter**.notifyDataSetChanged();

}

@Override

**protected void** onPostExecute(Void aVoid) {

**progressDialog**.dismiss();

}

}

BackgroundTaskComment.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.app.ProgressDialog;

**import** android.content.Context;

**import** android.os.AsyncTask;

**import** android.support.v7.widget.LinearLayoutManager;

**import** android.support.v7.widget.RecyclerView;

**import** android.util.Log;

**import** android.widget.Toast;

**import** org.json.JSONArray;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.BufferedReader;

**import** java.io.DataOutputStream;

**import** java.io.IOException;

**import** java.io.InputStream;

**import** java.io.InputStreamReader;

**import** java.net.HttpURLConnection;

**import** java.net.MalformedURLException;

**import** java.net.URL;

**import** java.nio.charset.StandardCharsets;

**import** java.util.ArrayList;

**import** java.util.Collections;

*/\*\**

*\* Background task for comments on items*

*\*/*

**public class** BackgroundTaskComment **extends** AsyncTask<Void, Comment, Void> {

Context **ctx**;

Activity **activity**;

RecyclerView **recyclerView**;

RecyclerView.Adapter **adapter**;

RecyclerView.LayoutManager **layoutManager**;

ProgressDialog **progressDialog**;

ArrayList<Comment> **arrayList** = **new** ArrayList<>();

**int saleID**;

**public** BackgroundTaskComment(Context ctx, **int** saleID) {

**this**.**ctx** = ctx;

**this**.**saleID** = saleID;

**activity** = (Activity)ctx;

}

String **json\_string** = **"http://fblays.a2hosted.com/getComments.php"**;

@Override

**protected void** onPreExecute() {

**recyclerView** = (RecyclerView)**activity**.findViewById(R.id.***recyclerView***);

**layoutManager**=**new** LinearLayoutManager(**ctx**);

**recyclerView**.setLayoutManager(**layoutManager**);

**recyclerView**.setHasFixedSize(**true**);

Collections.*reverse*(**arrayList**);

**adapter** = **new** RecyclerAdapterComment(**arrayList**, **ctx**);

**recyclerView**.setAdapter(**adapter**);

**progressDialog** = **new** ProgressDialog(**ctx**);

**progressDialog**.setTitle(**"Please Wait..."**);

**progressDialog**.setMessage(**"List is loading..."**);

**progressDialog**.setIndeterminate(**true**);

**progressDialog**.setCancelable(**false**);

**progressDialog**.show();

}

@Override

**protected** Void doInBackground(Void... voids) {

**try** {

URL url = **new** URL(**json\_string**);

String urlParameters = **"saleID="**+**saleID**;

**byte**[] postData = urlParameters.getBytes(StandardCharsets.***UTF\_8***);

**int** postDataLength = postData.**length**;

HttpURLConnection conn = (HttpURLConnection)url.openConnection();

conn.setDoOutput( **true** );

conn.setInstanceFollowRedirects( **false** );

conn.setRequestMethod( **"POST"** );

conn.setRequestProperty( **"Content-Type"**, **"application/x-www-form-urlencoded"**);

conn.setRequestProperty(**"Cache-Control"**, **"no-cache"**);

conn.setRequestProperty( **"charset"**, **"utf-8"**);

conn.setRequestProperty( **"Content-Length"**, Integer.*toString*( postDataLength ));

conn.setUseCaches( **false** );

**try**( DataOutputStream wr = **new** DataOutputStream( conn.getOutputStream())) {

wr.write( postData );

}

InputStream inputStream = conn.getInputStream();

BufferedReader bufferedReader = **new** BufferedReader(**new** InputStreamReader(inputStream));

StringBuilder stringBuilder = **new** StringBuilder();

String line;

**while**((line=bufferedReader.readLine())!=**null**) {

stringBuilder.append(line+**"\n"**);

}

conn.disconnect();

String json\_string = stringBuilder.toString().trim();

JSONObject jsonObject = **new** JSONObject(json\_string);

**boolean** success = jsonObject.getBoolean(**"success"**);

**if**(success) {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

**int** count = 0;

**while** (count < jsonArray.length()) {

JSONObject JO = jsonArray.getJSONObject(count);

count++;

*//Notification notification = new Notification(JO.getInt("id"), JO.getInt("chapterID"), JO.getString("type"), JO.getInt("userID"), JO.getInt("typeID"));*

Comment comment = **new** Comment(JO.getInt(**"id"**), JO.getString(**"comment"**), JO.getInt(**"saleID"**), JO.getInt(**"userID"**), JO.getString(**"firstName"**), JO.getString(**"lastName"**));

publishProgress(comment);

Thread.sleep(150);

}

} **else** {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

Comment comment = **null**;

publishProgress(comment);

Thread.sleep(10);

}

Log.d(**"JSON STRING"**, json\_string);

} **catch** (MalformedURLException e) {

e.printStackTrace();

} **catch** (IOException e) {

e.printStackTrace();

} **catch** (JSONException e) {

e.printStackTrace();

} **catch** (InterruptedException e) {

e.printStackTrace();

}

**return null**;

}

@Override

**protected void** onProgressUpdate(Comment... values) {

arrayList.add(values[0]);

adapter.notifyDataSetChanged();

}

@Override

**protected void** onPostExecute(Void aVoid) {

progressDialog.dismiss();

}

}

BackgroundTaskFeed.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.app.ProgressDialog;

**import** android.content.Context;

**import** android.location.Address;

**import** android.location.Geocoder;

**import** android.location.Location;

**import** android.os.AsyncTask;

**import** android.support.v7.widget.LinearLayoutManager;

**import** android.support.v7.widget.RecyclerView;

**import** android.util.Log;

**import** android.widget.Toast;

**import** org.json.JSONArray;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.BufferedReader;

**import** java.io.DataOutputStream;

**import** java.io.IOException;

**import** java.io.InputStream;

**import** java.io.InputStreamReader;

**import** java.net.HttpURLConnection;

**import** java.net.MalformedURLException;

**import** java.net.URL;

**import** java.nio.charset.StandardCharsets;

**import** java.text.DecimalFormat;

**import** java.util.ArrayList;

**import** java.util.Collections;

**import** java.util.List;

*/\*\**

*\* Background task for sale feed*

*\*/*

**public class** BackgroundTaskFeed **extends** AsyncTask<Void, FeedItem, Void> {

Context **ctx**;

Activity **activity**;

RecyclerView **recyclerView**;

RecyclerView.Adapter **adapter**;

RecyclerView.LayoutManager **layoutManager**;

ProgressDialog **progressDialog**;

ArrayList<FeedItem> **arrayList** = **new** ArrayList<>();

String **category**;

**int userID**;

**int sort**;

String **json\_string**;

**double latitude**, **longitude**;

String[] **urls** = {**"http://fblays.a2hosted.com/get\_feed.php"**, **"http://fblays.a2hosted.com/get\_feed\_reverse.php"**, **"http://fblays.a2hosted.com/get\_feed\_price.php"**, **"http://fblays.a2hosted.com/get\_feed\_cheap.php"**, **"http://fblays.a2hosted.com/get\_feed.php"**};

**public** BackgroundTaskFeed(Context ctx, String category, **int** userID, RecyclerView recyclerView, **int** sort, **double** latitude, **double** longitude) {

**this**.**ctx** = ctx;

**this**.**category** = category;

**this**.**userID** = userID;

**this**.**recyclerView** = recyclerView;

**this**.**sort** = sort;

**activity** = (Activity)ctx;

**this**.**json\_string** = **urls**[sort];

**this**.**latitude** = latitude;

**this**.**longitude** = longitude;

}

@Override

**protected void** onPreExecute() {

*//recyclerView = (RecyclerView)activity.findViewById(R.id.recyclerViewFeed);*

**layoutManager**=**new** LinearLayoutManager(**ctx**);

**recyclerView**.setLayoutManager(**layoutManager**);

**recyclerView**.setHasFixedSize(**true**);

**adapter** = **new** RecyclerAdapterActualFeed(**arrayList**, **ctx**, **userID**, **latitude**, **longitude**);

**recyclerView**.setAdapter(**adapter**);

**progressDialog** = **new** ProgressDialog(**ctx**);

**progressDialog**.setTitle(**"Please Wait..."**);

**progressDialog**.setMessage(**"List is loading..."**);

**progressDialog**.setIndeterminate(**true**);

**progressDialog**.setCancelable(**false**);

**progressDialog**.show();

}

@Override

**protected** Void doInBackground(Void... voids) {

**try** {

URL url = **new** URL(**json\_string**);

String urlParameters = **"category="**+**category**;

**byte**[] postData = urlParameters.getBytes(StandardCharsets.***UTF\_8***);

**int** postDataLength = postData.**length**;

HttpURLConnection conn = (HttpURLConnection)url.openConnection();

conn.setDoOutput( **true** );

conn.setInstanceFollowRedirects( **false** );

conn.setRequestMethod( **"POST"** );

conn.setRequestProperty(**"Cache-Control"**, **"no-cache"**);

conn.setRequestProperty( **"Content-Type"**, **"application/x-www-form-urlencoded"**);

conn.setRequestProperty( **"charset"**, **"utf-8"**);

conn.setRequestProperty( **"Content-Length"**, Integer.*toString*( postDataLength ));

conn.setUseCaches( **false** );

**try**( DataOutputStream wr = **new** DataOutputStream( conn.getOutputStream())) {

wr.write( postData );

}

InputStream inputStream = conn.getInputStream();

BufferedReader bufferedReader = **new** BufferedReader(**new** InputStreamReader(inputStream));

StringBuilder stringBuilder = **new** StringBuilder();

String line;

**while**((line=bufferedReader.readLine())!=**null**) {

stringBuilder.append(line+**"\n"**);

}

conn.disconnect();

String json\_string = stringBuilder.toString().trim();

JSONObject jsonObject = **new** JSONObject(json\_string);

**boolean** success = jsonObject.getBoolean(**"success"**);

**if**(success) {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

**int** count = 0;

**float**[] distance = {0};

**while** (count < jsonArray.length()) {

JSONObject JO = jsonArray.getJSONObject(count);

count++;

String schoolName = JO.getString(**"schoolName"**);

**int** zipCode = JO.getInt(**"zipCode"**);

String city = JO.getString(**"city"**);

String address = JO.getString(**"streetAddress"**);

List<Address> geocodeMatches = **null**;

**try** { *//tries to see if location exists on Google Maps*

geocodeMatches =

**new** Geocoder(**ctx**).getFromLocationName(

schoolName, 1);

} **catch** (IOException e) {

*//* ***TODO Auto-generated catch block***

e.printStackTrace();

}

**if** (!geocodeMatches.isEmpty()) *//if the location is found*

{

DecimalFormat df = **new** DecimalFormat(**"#.00"**);

**double** latitude2 = geocodeMatches.get(0).getLatitude(); *//finds latitude of location found*

**double** longitude2 = geocodeMatches.get(0).getLongitude(); *//finds longitude of location found*

distance = **new float**[1];

Location.*distanceBetween*(**latitude**, **longitude**, latitude2, longitude2, distance);

*// holder.Distance.setText(df.format(distance[0] \* 0.000621371));*

*// holder.Miles.setText("mi");*

}

**else**{

**try** { *//tries to see if location exists on Google Maps*

geocodeMatches =

**new** Geocoder(**ctx**).getFromLocationName(

address + **", "** + city + **" "** + zipCode, 1);

} **catch** (IOException e) {

*//* ***TODO Auto-generated catch block***

e.printStackTrace();

}

**if** (!geocodeMatches.isEmpty()) *//if the location is found*

{

DecimalFormat df = **new** DecimalFormat(**"#.00"**);

**double** latitude2 = geocodeMatches.get(0).getLatitude(); *//finds latitude of location found*

**double** longitude2 = geocodeMatches.get(0).getLongitude(); *//finds longitude of location found*

distance = **new float**[1];

Location.*distanceBetween*(**latitude**, **longitude**, latitude2, longitude2, distance);

*// holder.Distance.setText(df.format(distance[0] \* 0.000621371));*

*// holder.Miles.setText("mi");*

}

}

FeedItem feedItem = **new** FeedItem(JO.getInt(**"id"**), JO.getString(**"name"**), JO.getString(**"condition1"**), JO.getString(**"category"**), JO.getString(**"description"**), JO.getDouble(**"price"**), JO.getString(**"path"**), JO.getInt(**"chapterID"**), distance[0] \* 0.000621371);

publishProgress(feedItem);

Thread.*sleep*(10);

}

} **else** {

*//JSONArray jsonArray = jsonObject.getJSONArray("server\_response");*

FeedItem feedItem = **null**;

publishProgress(feedItem);

Thread.*sleep*(10);

}

Log.*d*(**"JSON STRING"**, json\_string);

} **catch** (MalformedURLException e) {

e.printStackTrace();

} **catch** (IOException e) {

e.printStackTrace();

} **catch** (JSONException e) {

e.printStackTrace();

} **catch** (InterruptedException e) {

e.printStackTrace();

}

**return null**;

}

@Override

**protected void** onProgressUpdate(FeedItem... values) {

**arrayList**.add(values[0]);

**if**(**sort** == 4)

Collections.*sort*(**arrayList**);

**adapter**.notifyDataSetChanged();

}

@Override

**protected void** onPostExecute(Void aVoid) {

**if** (**progressDialog**!=**null** && **progressDialog**.isShowing()){

**progressDialog**.dismiss();

}

}

**public** ProgressDialog getProgressDialog() {

**return progressDialog**;

}

}

BackgroundTaskNearestChapter.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.app.ProgressDialog;

**import** android.content.Context;

**import** android.os.AsyncTask;

**import** android.support.v7.widget.LinearLayoutManager;

**import** android.support.v7.widget.RecyclerView;

**import** android.util.Log;

**import** android.widget.Toast;

**import** org.json.JSONArray;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.BufferedReader;

**import** java.io.DataOutputStream;

**import** java.io.IOException;

**import** java.io.InputStream;

**import** java.io.InputStreamReader;

**import** java.net.HttpURLConnection;

**import** java.net.MalformedURLException;

**import** java.net.URL;

**import** java.nio.charset.StandardCharsets;

**import** java.util.ArrayList;

**import** java.util.Collections;

*/\*\**

*\* Finds all chapters in the state*

*\*/*

**public class** BackgroundTaskNearestChapter **extends** AsyncTask<Void, Chapter, Void> {

Context **ctx**;

Activity **activity**;

RecyclerView **recyclerView**;

RecyclerView.Adapter **adapter**;

RecyclerView.LayoutManager **layoutManager**;

ProgressDialog **progressDialog**;

ArrayList<Chapter> **arrayList** = **new** ArrayList<>();

String **state**;

**int userID**;

URL **url**;

**public** BackgroundTaskNearestChapter(Context ctx, String state, **int** userID, RecyclerView recyclerView) {

**this**.**ctx** = ctx;

**this**.**state** = state;

**this**.**userID** = userID;

**activity** = (Activity)ctx;

**this**.**recyclerView** = recyclerView;

}

String **json\_string** = **"http://fblays.a2hosted.com/findNearestChapter.php"**;

@Override

**protected void** onPreExecute() {

*//recyclerView = (RecyclerView)activity.findViewById(R.id.recyclerView);*

**layoutManager**=**new** LinearLayoutManager(**ctx**);

**recyclerView**.setLayoutManager(**layoutManager**);

**recyclerView**.setHasFixedSize(**true**);

*// Collections.reverse(arrayList);*

**adapter** = **new** RecyclerAdapterNearestChapter(**arrayList**, **userID**, **ctx**);

**recyclerView**.setAdapter(**adapter**);

**progressDialog** = **new** ProgressDialog(**ctx**);

**progressDialog**.setTitle(**"Please Wait..."**);

**progressDialog**.setMessage(**"List is loading..."**);

**progressDialog**.setIndeterminate(**true**);

**progressDialog**.setCancelable(**false**);

**progressDialog**.show();

}

@Override

**protected** Void doInBackground(Void... voids) {

**try** {

**url** = **new** URL(**json\_string**);

String urlParameters = **"state="**+**state**;

**byte**[] postData = urlParameters.getBytes(StandardCharsets.***UTF\_8***);

**int** postDataLength = postData.**length**;

HttpURLConnection conn = (HttpURLConnection)**url**.openConnection();

conn.setDoOutput( **true** );

conn.setInstanceFollowRedirects( **false** );

conn.setRequestMethod( **"POST"** );

conn.setRequestProperty(**"Cache-Control"**, **"no-cache"**);

conn.setRequestProperty( **"Content-Type"**, **"application/x-www-form-urlencoded"**);

conn.setRequestProperty( **"charset"**, **"utf-8"**);

conn.setRequestProperty( **"Content-Length"**, Integer.*toString*( postDataLength ));

conn.setUseCaches( **false** );

**try**( DataOutputStream wr = **new** DataOutputStream( conn.getOutputStream())) {

wr.write( postData );

}

InputStream inputStream = conn.getInputStream();

BufferedReader bufferedReader = **new** BufferedReader(**new** InputStreamReader(inputStream));

StringBuilder stringBuilder = **new** StringBuilder();

String line;

**while**((line=bufferedReader.readLine())!=**null**) {

stringBuilder.append(line+**"\n"**);

}

conn.disconnect();

String json\_string = stringBuilder.toString().trim();

JSONObject jsonObject = **new** JSONObject(json\_string);

**boolean** success = jsonObject.getBoolean(**"success"**);

**if**(success) {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

**int** count = 0;

**while** (count < jsonArray.length()) {

JSONObject JO = jsonArray.getJSONObject(count);

count++;

Chapter chapter = **new** Chapter(JO.getInt(**"chapterID"**), JO.getString(**"email"**), JO.getString(**"schoolName"**), JO.getString(**"city"**), JO.getString(**"state"**), JO.getInt(**"zipCode"**), JO.getString(**"streetAddress"**), JO.getString(**"path"**));

*//Notification notification = new Notification(JO.getInt("id"), JO.getInt("chapterID"), JO.getString("type"), JO.getInt("userID"), JO.getInt("typeID"), JO.getString("firstName"), JO.getString("lastName"), JO.getString("name"));*

publishProgress(chapter);

Thread.*sleep*(50);

}

} **else** {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

Chapter chapter = **null**;

publishProgress(chapter);

Thread.*sleep*(10);

}

Log.*d*(**"JSON STRING"**, json\_string);

} **catch** (MalformedURLException e) {

e.printStackTrace();

} **catch** (IOException e) {

e.printStackTrace();

} **catch** (JSONException e) {

e.printStackTrace();

} **catch** (InterruptedException e) {

e.printStackTrace();

}

**return null**;

}

@Override

**protected void** onProgressUpdate(Chapter... values) {

**arrayList**.add(values[0]);

**adapter**.notifyDataSetChanged();

}

@Override

**protected void** onPostExecute(Void aVoid) {

**progressDialog**.dismiss();

}

}

BackgroundTaskProf.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.app.ProgressDialog;

**import** android.content.Context;

**import** android.os.AsyncTask;

**import** android.support.v7.widget.LinearLayoutManager;

**import** android.support.v7.widget.RecyclerView;

**import** android.util.Log;

**import** android.widget.Toast;

**import** org.json.JSONArray;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.BufferedReader;

**import** java.io.DataOutputStream;

**import** java.io.IOException;

**import** java.io.InputStream;

**import** java.io.InputStreamReader;

**import** java.net.HttpURLConnection;

**import** java.net.MalformedURLException;

**import** java.net.URL;

**import** java.nio.charset.StandardCharsets;

**import** java.util.ArrayList;

*/\*\**

*\* Background task for pending donations*

*\*/*

**public class** BackgroundTaskProf **extends** AsyncTask<Void, SaleCheck, Void> {

Context **ctx**;

Activity activity;

RecyclerView **recyclerView**;

RecyclerView.Adapter **adapter**;

RecyclerView.LayoutManager **layoutManager**;

ProgressDialog **progressDialog**;

ArrayList<SaleCheck> **arrayList** = **new** ArrayList<>();

**int chapterID**;

**public** BackgroundTaskProf(Context ctx, **int** chapterID, RecyclerView recyclerView) {

**this**.**ctx** = ctx;

**this**.**chapterID** = chapterID;

activity = (Activity)ctx;

**this**.**recyclerView** = recyclerView;

}

String **json\_string** = **"http://fblays.a2hosted.com/get\_sales.php"**;

@Override

**protected void** onPreExecute() {

*//recyclerView = (RecyclerView)activity.findViewById(R.id.recyclerViewProf);*

**layoutManager** =**new** LinearLayoutManager(**ctx**);

**recyclerView**.setLayoutManager(**layoutManager**);

**recyclerView**.setHasFixedSize(**true**);

**adapter** = **new** RecyclerAdapterFeed(**arrayList**, **ctx**, **chapterID**);

**recyclerView**.setAdapter(**adapter**);

**progressDialog** = **new** ProgressDialog(**ctx**);

**progressDialog**.setTitle(**"Please Wait..."**);

**progressDialog**.setMessage(**"List is loading..."**);

**progressDialog**.setIndeterminate(**true**);

**progressDialog**.setCancelable(**false**);

**progressDialog**.show();

}

@Override

**protected** Void doInBackground(Void... voids) {

**try** {

URL url = **new** URL(**json\_string**);

String urlParameters = **"chapterID="**+**chapterID**;

**byte**[] postData = urlParameters.getBytes(StandardCharsets.***UTF\_8***);

**int** postDataLength = postData.**length**;

HttpURLConnection conn = (HttpURLConnection)url.openConnection();

conn.setDoOutput( **true** );

conn.setInstanceFollowRedirects( **false** );

conn.setRequestMethod( **"POST"** );

conn.setRequestProperty( **"Content-Type"**, **"application/x-www-form-urlencoded"**);

conn.setRequestProperty( **"charset"**, **"utf-8"**);

conn.setRequestProperty(**"Cache-Control"**, **"no-cache"**);

conn.setRequestProperty( **"Content-Length"**, Integer.*toString*( postDataLength ));

conn.setUseCaches( **false** );

**try**( DataOutputStream wr = **new** DataOutputStream( conn.getOutputStream())) {

wr.write( postData );

}

InputStream inputStream = conn.getInputStream();

BufferedReader bufferedReader = **new** BufferedReader(**new** InputStreamReader(inputStream));

StringBuilder stringBuilder = **new** StringBuilder();

String line;

**while**((line=bufferedReader.readLine())!=**null**) {

stringBuilder.append(line+**"\n"**);

}

conn.disconnect();

String json\_string = stringBuilder.toString().trim();

JSONObject jsonObject = **new** JSONObject(json\_string);

**boolean** success = jsonObject.getBoolean(**"success"**);

**if**(success) {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

**int** count = 0;

**while** (count < jsonArray.length()) {

JSONObject JO = jsonArray.getJSONObject(count);

count++;

SaleCheck saleCheck = **new** SaleCheck(JO.getInt(**"id"**), JO.getString(**"path"**), JO.getString(**"name"**));

publishProgress(saleCheck);

Thread.*sleep*(10);

}

} **else** {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

SaleCheck saleCheck = **null**;

publishProgress(saleCheck);

Thread.*sleep*(10);

}

Log.*d*(**"JSON STRING"**, json\_string);

} **catch** (MalformedURLException e) {

e.printStackTrace();

} **catch** (IOException e) {

e.printStackTrace();

} **catch** (JSONException e) {

e.printStackTrace();

} **catch** (InterruptedException e) {

e.printStackTrace();

}

**return null**;

}

@Override

**protected void** onProgressUpdate(SaleCheck... values) {

**arrayList**.add(values[0]);

**adapter**.notifyDataSetChanged();

}

@Override

**protected void** onPostExecute(Void aVoid) {

**progressDialog**.dismiss();

}

}

BackgroundTaskSales.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.app.ProgressDialog;

**import** android.content.Context;

**import** android.os.AsyncTask;

**import** android.support.v7.widget.LinearLayoutManager;

**import** android.support.v7.widget.RecyclerView;

**import** android.util.Log;

**import** android.widget.Toast;

**import** org.json.JSONArray;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.BufferedReader;

**import** java.io.DataOutputStream;

**import** java.io.IOException;

**import** java.io.InputStream;

**import** java.io.InputStreamReader;

**import** java.net.HttpURLConnection;

**import** java.net.MalformedURLException;

**import** java.net.URL;

**import** java.nio.charset.StandardCharsets;

**import** java.util.ArrayList;

*/\*\**

*\* Background task for a chapters sales*

*\*/*

**public class** BackgroundTaskSales **extends** AsyncTask<Void, Sale, Void> {

Context **ctx**;

Activity **activity**;

RecyclerView **recyclerView**;

RecyclerView.Adapter **adapter**;

RecyclerView.LayoutManager **layoutManager**;

ProgressDialog **progressDialog**;

ArrayList<Sale> **arrayList** = **new** ArrayList<>();

**int chapterID**;

**public** BackgroundTaskSales(Context ctx, **int** chapterID, RecyclerView recyclerView) {

**this**.**ctx** = ctx;

**this**.**chapterID** = chapterID;

**activity** = (Activity)ctx;

**this**.**recyclerView**=recyclerView;

}

String **json\_string** = **"http://fblays.a2hosted.com/get\_all\_sales.php"**;

@Override

**protected void** onPreExecute() {

*//recyclerView = (RecyclerView)activity.findViewById(R.id.recyclerView);*

**layoutManager**=**new** LinearLayoutManager(**ctx**);

**recyclerView**.setLayoutManager(**layoutManager**);

**recyclerView**.setHasFixedSize(**true**);

**adapter** = **new** RecyclerAdapterSales(**arrayList**, **ctx**, **chapterID**);

**recyclerView**.setAdapter(**adapter**);

**progressDialog** = **new** ProgressDialog(**ctx**);

**progressDialog**.setTitle(**"Please Wait..."**);

**progressDialog**.setMessage(**"List is loading..."**);

**progressDialog**.setIndeterminate(**true**);

**progressDialog**.setCancelable(**false**);

**if**(**progressDialog**!=**null** && !**progressDialog**.isShowing()) {

**progressDialog**.show();

}

}

@Override

**protected** Void doInBackground(Void... voids) {

**try** {

URL url = **new** URL(**json\_string**);

String urlParameters = **"chapterID="**+**chapterID**;

**byte**[] postData = urlParameters.getBytes(StandardCharsets.***UTF\_8***);

**int** postDataLength = postData.**length**;

HttpURLConnection conn = (HttpURLConnection)url.openConnection();

conn.setDoOutput( **true** );

conn.setInstanceFollowRedirects( **false** );

conn.setRequestMethod( **"POST"** );

conn.setRequestProperty( **"Content-Type"**, **"application/x-www-form-urlencoded"**);

conn.setRequestProperty( **"charset"**, **"utf-8"**);

conn.setRequestProperty(**"Cache-Control"**, **"no-cache"**);

conn.setRequestProperty( **"Content-Length"**, Integer.*toString*( postDataLength ));

conn.setUseCaches( **false** );

**try**( DataOutputStream wr = **new** DataOutputStream( conn.getOutputStream())) {

wr.write( postData );

}

InputStream inputStream = conn.getInputStream();

BufferedReader bufferedReader = **new** BufferedReader(**new** InputStreamReader(inputStream));

StringBuilder stringBuilder = **new** StringBuilder();

String line;

**while**((line=bufferedReader.readLine())!=**null**) {

stringBuilder.append(line+**"\n"**);

}

conn.disconnect();

String json\_string = stringBuilder.toString().trim();

JSONObject jsonObject = **new** JSONObject(json\_string);

**boolean** success = jsonObject.getBoolean(**"success"**);

**if**(success) {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

**int** count = 0;

**while** (count < jsonArray.length()) {

JSONObject JO = jsonArray.getJSONObject(count);

count++;

Sale sale = **new** Sale(JO.getInt(**"id"**), JO.getString(**"name"**), JO.getString(**"condition1"**), JO.getString(**"category"**), JO.getString(**"description"**), JO.getDouble(**"price"**), JO.getString(**"path"**));

publishProgress(sale);

Thread.*sleep*(150);

}

} **else** {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

Sale sale = **null**;

publishProgress(sale);

Thread.*sleep*(10);

}

Log.*d*(**"JSON STRING"**, json\_string);

} **catch** (MalformedURLException e) {

e.printStackTrace();

} **catch** (IOException e) {

e.printStackTrace();

} **catch** (JSONException e) {

e.printStackTrace();

} **catch** (InterruptedException e) {

e.printStackTrace();

}

**return null**;

}

@Override

**protected void** onProgressUpdate(Sale... values) {

**arrayList**.add(values[0]);

**adapter**.notifyDataSetChanged();

}

@Override

**protected void** onPostExecute(Void aVoid) {

**if** (**progressDialog**!=**null** && **progressDialog**.isShowing()){

**progressDialog**.dismiss();

}

}

**public** ProgressDialog getProgressDialog() {

**return progressDialog**;

}

}

BackgroundTaskUser.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.app.ProgressDialog;

**import** android.content.Context;

**import** android.os.AsyncTask;

**import** android.support.v7.widget.LinearLayoutManager;

**import** android.support.v7.widget.RecyclerView;

**import** android.util.Log;

**import** android.widget.Toast;

**import** org.json.JSONArray;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.BufferedReader;

**import** java.io.DataOutputStream;

**import** java.io.IOException;

**import** java.io.InputStream;

**import** java.io.InputStreamReader;

**import** java.net.HttpURLConnection;

**import** java.net.MalformedURLException;

**import** java.net.URL;

**import** java.nio.charset.StandardCharsets;

**import** java.util.ArrayList;

*/\*\**

*\* Background task for a users notifications*

*\*/*

**public class** BackgroundTaskUser **extends** AsyncTask<Void, UserNotification, Void> {

Context **ctx**;

Activity **activity**;

RecyclerView **recyclerView**;

RecyclerView.Adapter **adapter**;

RecyclerView.LayoutManager **layoutManager**;

ProgressDialog **progressDialog**;

ArrayList<UserNotification> **arrayList** = **new** ArrayList<>();

**int userID**, **chapterID**;

**public** BackgroundTaskUser(Context ctx, **int** userID, **int** chapterID, RecyclerView recyclerView) {

**this**.**ctx** = ctx;

**this**.**userID** = userID;

**this**.**chapterID** = chapterID;

**this**.**recyclerView** = recyclerView;

**activity** = (Activity)ctx;

}

String **json\_string** = **"http://fblays.a2hosted.com/get\_user\_notifications.php"**;

@Override

**protected void** onPreExecute() {

*//recyclerView = (RecyclerView)activity.findViewById(R.id.recyclerView);*

**layoutManager**=**new** LinearLayoutManager(**ctx**);

**recyclerView**.setLayoutManager(**layoutManager**);

**recyclerView**.setHasFixedSize(**true**);

**adapter** = **new** RecyclerAdapterUser(**arrayList**, **ctx**, **chapterID**);

**recyclerView**.setAdapter(**adapter**);

**progressDialog** = **new** ProgressDialog(**ctx**);

**progressDialog**.setTitle(**"Please Wait..."**);

**progressDialog**.setMessage(**"List is loading..."**);

**progressDialog**.setIndeterminate(**true**);

**progressDialog**.setCancelable(**false**);

**if**(**progressDialog**!=**null** && !**progressDialog**.isShowing()) {

**progressDialog**.show();

}

}

@Override

**protected** Void doInBackground(Void... voids) {

**try** {

URL url = **new** URL(**json\_string**);

String urlParameters = **"userID="**+**userID**;

**byte**[] postData = urlParameters.getBytes(StandardCharsets.***UTF\_8***);

**int** postDataLength = postData.**length**;

HttpURLConnection conn = (HttpURLConnection)url.openConnection();

conn.setDoOutput( **true** );

conn.setInstanceFollowRedirects( **false** );

conn.setRequestMethod( **"POST"** );

conn.setRequestProperty(**"Cache-Control"**, **"no-cache"**);

conn.setRequestProperty( **"Content-Type"**, **"application/x-www-form-urlencoded"**);

conn.setRequestProperty( **"charset"**, **"utf-8"**);

conn.setRequestProperty( **"Content-Length"**, Integer.*toString*( postDataLength ));

conn.setUseCaches( **false** );

**try**( DataOutputStream wr = **new** DataOutputStream( conn.getOutputStream())) {

wr.write( postData );

}

InputStream inputStream = conn.getInputStream();

BufferedReader bufferedReader = **new** BufferedReader(**new** InputStreamReader(inputStream));

StringBuilder stringBuilder = **new** StringBuilder();

String line;

**while**((line=bufferedReader.readLine())!=**null**) {

stringBuilder.append(line+**"\n"**);

}

conn.disconnect();

String json\_string = stringBuilder.toString().trim();

JSONObject jsonObject = **new** JSONObject(json\_string);

**boolean** success = jsonObject.getBoolean(**"success"**);

**if**(success) {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

**int** count = 0;

**while** (count < jsonArray.length()) {

JSONObject JO = jsonArray.getJSONObject(count);

count++;

UserNotification notification;

**if**(!JO.getString(**"type"**).equals(**"accepted"**)) {

notification = **new** UserNotification(JO.getInt(**"id"**), JO.getString(**"type"**), JO.getInt(**"userID"**), JO.getInt(**"typeID"**));

} **else** {

notification = **new** UserNotification(JO.getInt(**"id"**), JO.getString(**"type"**), JO.getInt(**"userID"**), JO.getInt(**"typeID"**), JO.getString(**"name"**), JO.getString(**"schoolName"**));

}

*//Notification notification = new Notification(JO.getInt("id"), JO.getInt("chapterID"), JO.getString("type"), JO.getInt("userID"), JO.getInt("typeID"));*

publishProgress(notification);

Thread.*sleep*(5);

}

} **else** {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

UserNotification notification = **null**;

publishProgress(notification);

Thread.*sleep*(5);

}

Log.*d*(**"JSON STRING"**, json\_string);

} **catch** (MalformedURLException e) {

e.printStackTrace();

} **catch** (IOException e) {

e.printStackTrace();

} **catch** (JSONException e) {

e.printStackTrace();

} **catch** (InterruptedException e) {

e.printStackTrace();

}

**return null**;

}

@Override

**protected void** onProgressUpdate(UserNotification... values) {

**arrayList**.add(values[0]);

**adapter**.notifyDataSetChanged();

}

@Override

**protected void** onPostExecute(Void aVoid) {

**if** (**progressDialog**!=**null** && **progressDialog**.isShowing()){

**progressDialog**.dismiss();

}

}

**public** ProgressDialog getProgressDialog() {

**return progressDialog**;

}

}

BackgroundTaskUserHome.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.app.ProgressDialog;

**import** android.content.Context;

**import** android.os.AsyncTask;

**import** android.support.v7.widget.LinearLayoutManager;

**import** android.support.v7.widget.RecyclerView;

**import** android.util.Log;

**import** org.json.JSONArray;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.BufferedReader;

**import** java.io.DataOutputStream;

**import** java.io.IOException;

**import** java.io.InputStream;

**import** java.io.InputStreamReader;

**import** java.net.HttpURLConnection;

**import** java.net.MalformedURLException;

**import** java.net.URL;

**import** java.nio.charset.StandardCharsets;

**import** java.util.ArrayList;

*/\*\**

*\* Background task for sales based off of a users chapter*

*\*/*

**public class** BackgroundTaskUserHome **extends** AsyncTask<Void, FeedItem, Void> {

Context **ctx**;

Activity **activity**;

RecyclerView **recyclerView**;

RecyclerView.Adapter **adapter**;

RecyclerView.LayoutManager layoutManager;

ProgressDialog **progressDialog**;

ArrayList<FeedItem> **arrayList** = **new** ArrayList<>();

String **category**;

**int userID**;

**int chapterID**;

**public** BackgroundTaskUserHome(Context ctx, **int** userID, **int** chapterID, RecyclerView recyclerView) {

**this**.**ctx** = ctx;

**this**.**chapterID** = chapterID;

**this**.**userID** = userID;

**activity** = (Activity)ctx;

**this**.**recyclerView** = recyclerView;

}

String **json\_string** = **"http://fblays.a2hosted.com/get\_feed\_home.php"**;

@Override

**protected void** onPreExecute() {

*//recyclerView = (RecyclerView)activity.findViewById(R.id.recyclerViewUserHome);*

layoutManager=**new** LinearLayoutManager(**ctx**);

**recyclerView**.setLayoutManager(layoutManager);

**recyclerView**.setHasFixedSize(**true**);

**adapter** = **new** RecyclerAdapterUserHome(**arrayList**, **ctx**, **userID**, **chapterID**);

**recyclerView**.setAdapter(**adapter**);

**progressDialog** = **new** ProgressDialog(**ctx**);

**progressDialog**.setTitle(**"Please Wait..."**);

**progressDialog**.setMessage(**"List is loading..."**);

**progressDialog**.setIndeterminate(**true**);

**progressDialog**.setCancelable(**false**);

**progressDialog**.show();

}

@Override

**protected** Void doInBackground(Void... voids) {

**try** {

URL url = **new** URL(**json\_string**);

String urlParameters = **"chapterID="**+**chapterID**;

**byte**[] postData = urlParameters.getBytes(StandardCharsets.***UTF\_8***);

**int** postDataLength = postData.**length**;

HttpURLConnection conn = (HttpURLConnection)url.openConnection();

conn.setDoOutput( **true** );

conn.setInstanceFollowRedirects( **false** );

conn.setRequestMethod( **"POST"** );

conn.setRequestProperty(**"Cache-Control"**, **"no-cache"**);

conn.setRequestProperty( **"Content-Type"**, **"application/x-www-form-urlencoded"**);

conn.setRequestProperty( **"charset"**, **"utf-8"**);

conn.setRequestProperty( **"Content-Length"**, Integer.*toString*( postDataLength ));

conn.setUseCaches( **false** );

**try**( DataOutputStream wr = **new** DataOutputStream( conn.getOutputStream())) {

wr.write( postData );

}

InputStream inputStream = conn.getInputStream();

BufferedReader bufferedReader = **new** BufferedReader(**new** InputStreamReader(inputStream));

StringBuilder stringBuilder = **new** StringBuilder();

String line;

**while**((line=bufferedReader.readLine())!=**null**) {

stringBuilder.append(line+**"\n"**);

}

conn.disconnect();

String json\_string = stringBuilder.toString().trim();

JSONObject jsonObject = **new** JSONObject(json\_string);

**boolean** success = jsonObject.getBoolean(**"success"**);

**if**(success) {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

**int** count = 0;

**while** (count < jsonArray.length()) {

JSONObject JO = jsonArray.getJSONObject(count);

count++;

FeedItem feedItem = **new** FeedItem(JO.getInt(**"id"**), JO.getString(**"name"**), JO.getString(**"condition1"**), JO.getString(**"category"**), JO.getString(**"description"**), JO.getDouble(**"price"**), JO.getString(**"path"**), JO.getInt(**"chapterID"**));

publishProgress(feedItem);

Thread.*sleep*(10);

}

} **else** {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

FeedItem feedItem = **null**;

publishProgress(feedItem);

Thread.*sleep*(10);

}

Log.*d*(**"JSON STRING"**, json\_string);

} **catch** (MalformedURLException e) {

e.printStackTrace();

} **catch** (IOException e) {

e.printStackTrace();

} **catch** (JSONException e) {

e.printStackTrace();

} **catch** (InterruptedException e) {

e.printStackTrace();

}

**return null**;

}

@Override

**protected void** onProgressUpdate(FeedItem... values) {

**arrayList**.add(values[0]);

**adapter**.notifyDataSetChanged();

}

@Override

**protected void** onPostExecute(Void aVoid) {

**if** (**progressDialog**!=**null** && **progressDialog**.isShowing()){

**progressDialog**.dismiss();

}

}

**public** ProgressDialog getProgressDialog() {

**return progressDialog**;

}

}

BackgroundTaskUserList.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.app.ProgressDialog;

**import** android.content.Context;

**import** android.os.AsyncTask;

**import** android.support.v7.widget.LinearLayoutManager;

**import** android.support.v7.widget.RecyclerView;

**import** android.util.Log;

**import** android.widget.Toast;

**import** org.json.JSONArray;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.BufferedReader;

**import** java.io.DataOutputStream;

**import** java.io.IOException;

**import** java.io.InputStream;

**import** java.io.InputStreamReader;

**import** java.net.HttpURLConnection;

**import** java.net.MalformedURLException;

**import** java.net.URL;

**import** java.nio.charset.StandardCharsets;

**import** java.util.ArrayList;

*/\*\**

*\* Background task for list of users by chapter*

*\*/*

**public class** BackgroundTaskUserList **extends** AsyncTask<Void, User, Void> {

Context **ctx**;

Activity **activity**;

RecyclerView **recyclerView**;

RecyclerView.Adapter **adapter**;

RecyclerView.LayoutManager **layoutManager**;

ProgressDialog **progressDialog**;

ArrayList<User> **arrayList** = **new** ArrayList<>();

**int chapterID**;

**public** BackgroundTaskUserList(Context ctx, **int** chapterID, RecyclerView recyclerView) {

**this**.**ctx** = ctx;

**this**.**chapterID** = chapterID;

**activity** = (Activity)ctx;

**this**.**recyclerView** = recyclerView;

}

String **json\_string** = **"http://fblays.a2hosted.com/getUsers.php"**;

@Override

**protected void** onPreExecute() {

*//recyclerView = (RecyclerView)activity.findViewById(R.id.recyclerView);*

**layoutManager**=**new** LinearLayoutManager(**ctx**);

**recyclerView**.setLayoutManager(**layoutManager**);

**recyclerView**.setHasFixedSize(**true**);

**adapter** = **new** RecyclerAdapterUserList(**chapterID**, **arrayList**, **ctx**);

**recyclerView**.setAdapter(**adapter**);

**progressDialog** = **new** ProgressDialog(**ctx**);

**progressDialog**.setTitle(**"Please Wait..."**);

**progressDialog**.setMessage(**"List is loading..."**);

**progressDialog**.setIndeterminate(**true**);

**progressDialog**.setCancelable(**false**);

**progressDialog**.show();

}

@Override

**protected** Void doInBackground(Void... voids) {

**try** {

URL url = **new** URL(**json\_string**);

String urlParameters = **"chapterID="**+**chapterID**;

**byte**[] postData = urlParameters.getBytes(StandardCharsets.***UTF\_8***);

**int** postDataLength = postData.**length**;

HttpURLConnection conn = (HttpURLConnection)url.openConnection();

conn.setDoOutput( **true** );

conn.setInstanceFollowRedirects( **false** );

conn.setRequestMethod( **"POST"** );

conn.setRequestProperty(**"Cache-Control"**, **"no-cache"**);

conn.setRequestProperty( **"Content-Type"**, **"application/x-www-form-urlencoded"**);

conn.setRequestProperty( **"charset"**, **"utf-8"**);

conn.setRequestProperty( **"Content-Length"**, Integer.*toString*( postDataLength ));

conn.setUseCaches( **false** );

**try**( DataOutputStream wr = **new** DataOutputStream( conn.getOutputStream())) {

wr.write( postData );

}

InputStream inputStream = conn.getInputStream();

BufferedReader bufferedReader = **new** BufferedReader(**new** InputStreamReader(inputStream));

StringBuilder stringBuilder = **new** StringBuilder();

String line;

**while**((line=bufferedReader.readLine())!=**null**) {

stringBuilder.append(line+**"\n"**);

}

conn.disconnect();

String json\_string = stringBuilder.toString().trim();

JSONObject jsonObject = **new** JSONObject(json\_string);

**boolean** success = jsonObject.getBoolean(**"success"**);

**if**(success) {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

**int** count = 0;

**while** (count < jsonArray.length()) {

JSONObject JO = jsonArray.getJSONObject(count);

count++;

User user = **new** User(JO.getInt(**"userID"**), JO.getString(**"firstName"**), JO.getString(**"lastName"**), JO.getString(**"email"**), JO.getString(**"password"**), JO.getString(**"state"**), JO.getString(**"city"**), JO.getInt(**"zipcode"**), JO.getInt(**"chapterID"**), JO.getString(**"profilePicPath"**));

*//Notification notification = new Notification(JO.getInt("id"), JO.getInt("chapterID"), JO.getString("type"), JO.getInt("userID"), JO.getInt("typeID"));*

publishProgress(user);

Thread.*sleep*(10);

}

} **else** {

JSONArray jsonArray = jsonObject.getJSONArray(**"server\_response"**);

User user = **null**;

publishProgress(user);

Thread.*sleep*(10);

}

Log.*d*(**"JSON STRING"**, json\_string);

} **catch** (MalformedURLException e) {

e.printStackTrace();

} **catch** (IOException e) {

e.printStackTrace();

} **catch** (JSONException e) {

e.printStackTrace();

} **catch** (InterruptedException e) {

e.printStackTrace();

}

**return null**;

}

@Override

**protected void** onProgressUpdate(User... values) {

**arrayList**.add(values[0]);

**adapter**.notifyDataSetChanged();

}

@Override

**protected void** onPostExecute(Void aVoid) {

**progressDialog**.dismiss();

}

}

Chapter.java

**package** com.example.izzy.fblays2;

**import** android.support.annotation.NonNull;

*/\*\**

*\* Chapter object*

*\*/*

**public class** Chapter **implements** Comparable{

**private int chapterID**, **zipCode**;

**private double distance**;

**private** String **email**, **schoolName**, **city**, **state**, **streetAddress**, **path**;

**public** Chapter (**int** chapterID, String email, String schoolName, String city, String state, **int** zipCode, String streetAddress, String path) {

**this**.**chapterID** = chapterID;

**this**.**email** = email;

**this**.**schoolName**=schoolName;

**this**.**city**=city;

**this**.**state**=state;

**this**.**zipCode**=zipCode;

**this**.**path** = path;

}

@Override

**public int** compareTo(@NonNull Object o) {

FeedItem other = (FeedItem)o;

**if**(**this**.**distance** > other.**distance**)

**return** 1;

**else if** (**this**.**distance** < other.**distance**)

**return** -1;

**else**

**return** 0;

}

**public int** getChapterID() {

**return chapterID**;

}

**public int** getZipCode() {

**return zipCode**;

}

**public double** getDistance() {

**return distance**;

}

**public** String getEmail() {

**return email**;

}

**public** String getSchoolName() {

**return schoolName**;

}

**public** String getCity() {

**return city**;

}

**public** String getState() {

**return state**;

}

**public** String getStreetAddress() {

**return streetAddress**;

}

**public** String getPath() {

**return path**;

}

**public void** setChapterID(**int** chapterID) {

**this**.**chapterID** = chapterID;

}

**public void** setZipCode(**int** zipCode) {

**this**.**zipCode** = zipCode;

}

**public void** setDistance(**double** distance) {

**this**.**distance** = distance;

}

**public void** setEmail(String email) {

**this**.**email** = email;

}

**public void** setSchoolName(String schoolName) {

**this**.**schoolName** = schoolName;

}

**public void** setCity(String city) {

**this**.**city** = city;

}

**public void** setState(String state) {

**this**.**state** = state;

}

**public void** setStreetAddress(String streetAddress) {

**this**.**streetAddress** = streetAddress;

}

**public void** setPath(String path) {

**this**.**path** = path;

}

}

ChapterHelp.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.net.Uri;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.VideoView;

**public class** ChapterHelp **extends** AppCompatActivity {

ImageButton **Accept**, **Receive**, **Delete**, **Return**;

**int chapterID**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_chapter\_help***);

**Accept** = (ImageButton)findViewById(R.id.***btnPlayAccept***);

**Receive** = (ImageButton)findViewById(R.id.***btnPlayReceive***);

**Delete** = (ImageButton)findViewById(R.id.***btnPlayDelete***);

**Return** = (ImageButton)findViewById(R.id.***btnReturn***);

*// acceptVideo.setVideoPath("android.resource://" + getPackageName() + "/" +R.raw.accept);*

*//receiveVideo.setVideoPath("android.resource://" + getPackageName() + "/" +R.raw.receive);*

*//deleteVideo.setVideoPath("android.resource://" + getPackageName() + "/" +R.raw.delete);*

Intent intent = getIntent();

**chapterID** = intent.getIntExtra(**"chapterID"**, 0);

**Accept**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

startActivity(**new** Intent(Intent.***ACTION\_VIEW***, Uri.*parse*(**"https://youtu.be/ZscHQWTJV2Q"**)));

}

});

**Receive**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

startActivity(**new** Intent(Intent.***ACTION\_VIEW***,Uri.*parse*(**"https://youtu.be/Ef26NPuSklY"**)));

}

});

**Delete**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

startActivity(**new** Intent(Intent.***ACTION\_VIEW***,Uri.*parse*(**"https://youtu.be/t3CuOLV\_uAg"**)));

}

});

**Return**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Intent goBack = **new** Intent(ChapterHelp.**this**, ChapterMainPage.**class**);

goBack.putExtra(**"chapterID"**, **chapterID**);

startActivity(goBack);

finish();

}

});

}

}

ChapterHomeFragment.java

**package** com.example.izzy.fblays2;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.net.Uri;

**import** android.os.Bundle;

**import** android.support.v4.app.Fragment;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**public class** ChapterHomeFragment **extends** Fragment {

RecyclerView **recyclerView**;

**public** ChapterHomeFragment() {

*// Required empty public constructor*

}

@Override

**public void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

}

@Override

**public** View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

*// Inflate the layout for this fragment*

View view = inflater.inflate(R.layout.***activity\_user\_list***, container, **false**);

**recyclerView** = (RecyclerView) view.findViewById(R.id.***recyclerView***);

Intent intent = getActivity().getIntent();

**int** chapterID = intent.getIntExtra(**"chapterID"**, 0);

startBT(chapterID, **recyclerView**);

**return** view;

}

**public void** startBT(**int** chapterID, RecyclerView recyclerView) {

**new** BackgroundTaskProf(getActivity(), chapterID, recyclerView).execute();

}

}

ChapterJoinRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Izzy on 12/24/2016.*

*\*/*

**public class** ChapterJoinRequest **extends** StringRequest {

**private static final** String ***JOIN\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/joinChapter.php"**;

**private** Map<String, String> **params**;

**public** ChapterJoinRequest(**int** chapter\_id, **int** user\_id, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***JOIN\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"chapterID"**, chapter\_id + **""**);

**params**.put(**"user\_id"**, user\_id + **""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

ChapterLogin.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**public class** ChapterLogin **extends** AppCompatActivity {

**private** EditText Email;

**private** EditText **Password**;

**private** Button **Login**;

**private** Button **toRegister**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_chapter\_login***);

**toRegister** = (Button)findViewById(R.id.***bn\_toRegistration***);

**Login** = (Button)findViewById(R.id.***bn\_Login***);

Email = (EditText)findViewById(R.id.***input\_email***);

**Password** = (EditText)findViewById(R.id.***input\_Password***);

**toRegister**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

startActivity(**new** Intent(ChapterLogin.**this**, ChapterRegistration.**class**));

finish();

}

});

**Login**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

**final** String email = Email.getText().toString();

**final** String password = **Password**.getText().toString();

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if**(success) {

**int** zipcode = Integer.*parseInt*(jsonResponse.getString(**"zipCode"**));

String city = jsonResponse.getString(**"city"**);

String state = jsonResponse.getString(**"state"**);

String email = jsonResponse.getString(**"email"**);

**int** chapterID = jsonResponse.getInt(**"chapterID"**);

String firstName = jsonResponse.getString(**"firstName"**);

String lastName = jsonResponse.getString(**"lastName"**);

Intent intent = **new** Intent(ChapterLogin.**this**, ChapterMainPage.**class**);

intent.putExtra(**"chapterID"**,chapterID);

intent.putExtra(**"email"**, email);

intent.putExtra(**"firstName"**, firstName);

intent.putExtra(**"lastName"**, lastName);

intent.putExtra(**"state"**, state);

intent.putExtra(**"city"**, city);

intent.putExtra(**"zipcode"**, zipcode);

Integer chapter = chapterID;

SaveSharedPreference.*setUserName*(ChapterLogin.**this**, chapter.toString());

SaveSharedPreference.*setType*(ChapterLogin.**this**, **"chap"**);

ChapterLogin.**this**.startActivity(intent);

finish();

} **else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterLogin.**this**);

builder.setMessage(**"Login failed"**).setNegativeButton(**"Retry"**, **null**).create().show();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

ChapterLoginRequest loginRequest = **new** ChapterLoginRequest(email, password, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(ChapterLogin.**this**);

queue.add(loginRequest);

}

});

}

}

ChapterLoginRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by user on 12/14/2016.*

*\*/*

**public class** ChapterLoginRequest **extends** StringRequest{

**private static final** String ***LOGIN\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/login.php"**;

**private** Map<String, String> **params**;

**public** ChapterLoginRequest(String email, String password, Response.Listener<String> listener) {

**super**(Request.Method.***POST***, ***LOGIN\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"email"**,email);

**params**.put(**"password"**,password);

}

**public** Map<String, String> getParams() {

**return params**;

}

}

ChapterMainPage.java

**package** com.example.izzy.fblays2;

**import** android.support.design.widget.TabLayout;

**import** android.support.v4.app.Fragment;

**import** android.support.v4.app.FragmentManager;

**import** android.support.v4.app.FragmentPagerAdapter;

**import** android.support.v4.view.ViewPager;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.support.v7.widget.Toolbar;

**import** java.util.ArrayList;

**import** java.util.List;

**public class** ChapterMainPage **extends** AppCompatActivity {

**private** Toolbar **toolbar**;

**private** TabLayout **tabLayout**;

**private** ViewPager **viewPager**;

**private int**[] **tabIcons** = {

R.drawable.ic\_home,

R.drawable.ic\_members,

R.drawable.ic\_sales,

R.drawable.ic\_notification,

R.drawable.ic\_chapter

};

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main\_page);

viewPager = (ViewPager) findViewById(R.id.viewpager);

setupViewPager(viewPager);

tabLayout = (TabLayout) findViewById(R.id.tabs);

tabLayout.setupWithViewPager(viewPager);

setupTabIcons();

setTitle(**"FBLAYS"**);

}

**private void** setupTabIcons() {

tabLayout.getTabAt(0).setIcon(tabIcons[0]);

tabLayout.getTabAt(1).setIcon(tabIcons[1]);

tabLayout.getTabAt(2).setIcon(tabIcons[2]);

tabLayout.getTabAt(3).setIcon(tabIcons[3]);

tabLayout.getTabAt(4).setIcon(tabIcons[4]);

}

**private void** setupViewPager(ViewPager viewPager) {

ViewPagerAdapter adapter = **new** ViewPagerAdapter(getSupportFragmentManager());

adapter.addFragment(**new** ChapterHomeFragment(), **"Home"**);

adapter.addFragment(**new** ChapterMemberFragment(), **"Members"**);

adapter.addFragment(**new** ChapterSalesFragment(), **"Sales"**);

adapter.addFragment(**new** ChapterNotificationsFragment(), **"Notif."**);

adapter.addFragment(**new** ChapterProfileFragment(), **"Profile"**);

viewPager.setAdapter(adapter);

}

**class** ViewPagerAdapter **extends** FragmentPagerAdapter {

**private final** List<Fragment> mFragmentList = **new** ArrayList<>();

**private final** List<String> mFragmentTitleList = **new** ArrayList<>();

**public** ViewPagerAdapter(FragmentManager manager) {

**super**(manager);

}

@Override

**public** Fragment getItem(**int** position) {

**return** mFragmentList.get(position);

}

@Override

**public int** getCount() {

**return** mFragmentList.size();

}

**public void** addFragment(Fragment fragment, String title) {

mFragmentList.add(fragment);

mFragmentTitleList.add(title);

}

@Override

**public** CharSequence getPageTitle(**int** position) {

**return null**;

}

}

}

ChapterMemberFragment.java

**package** com.example.izzy.fblays2;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.net.Uri;

**import** android.os.Bundle;

**import** android.support.v4.app.Fragment;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**public class** ChapterMemberFragment **extends** Fragment {

RecyclerView **recyclerView**;

**public** ChapterMemberFragment() {

*// Required empty public constructor*

}

@Override

**public void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

}

@Override

**public** View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

*// Inflate the layout for this fragment*

View view = inflater.inflate(R.layout.***activity\_profile***, container, **false**);

**recyclerView** = (RecyclerView) view.findViewById(R.id.***recyclerViewProf***);

Intent intent = getActivity().getIntent();

**int** chapterID = intent.getIntExtra(**"chapterID"**, 0);

startBT(chapterID, **recyclerView**);

**return** view;

}

**public void** startBT(**int** chapterID, RecyclerView recyclerView) {

**new** BackgroundTaskUserList(getActivity(), chapterID, recyclerView).execute();

}

*//* ***TODO: Rename method, update argument and hook method into UI event***

}

ChapterNotificationsFragment.java

**package** com.example.izzy.fblays2;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.net.Uri;

**import** android.os.Bundle;

**import** android.support.v4.app.Fragment;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**public class** ChapterNotificationsFragment **extends** Fragment {

RecyclerView **recyclerView**;

**public** ChapterNotificationsFragment() {

*// Required empty public constructor*

}

@Override

**public void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

}

@Override

**public** View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

*// Inflate the layout for this fragment*

View view = inflater.inflate(R.layout.***activity\_notification\_list2***, container, **false**);

**recyclerView** = (RecyclerView) view.findViewById(R.id.***recyclerView***);

Intent intent = getActivity().getIntent();

**int** chapterID = intent.getIntExtra(**"chapterID"**, 0);

startBT(chapterID, **recyclerView**);

**return** view;

}

**public void** startBT(**int** chapterID, RecyclerView recyclerView) {

**new** BackgroundTask(getActivity(), chapterID, recyclerView).execute();

}

}

ChapterProfile.java

**package** com.example.izzy.fblays2;

**import** android.Manifest;

**import** android.content.Intent;

**import** android.content.pm.PackageManager;

**import** android.graphics.Bitmap;

**import** android.location.Address;

**import** android.location.Geocoder;

**import** android.os.Bundle;

**import** android.support.v4.content.ContextCompat;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.app.AppCompatActivity;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** com.google.android.gms.maps.CameraUpdateFactory;

**import** com.google.android.gms.maps.GoogleMap;

**import** com.google.android.gms.maps.OnMapReadyCallback;

**import** com.google.android.gms.maps.SupportMapFragment;

**import** com.google.android.gms.maps.model.LatLng;

**import** com.google.android.gms.maps.model.MarkerOptions;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** org.w3c.dom.Text;

**import** java.io.IOException;

**import** java.util.List;

**public class** ChapterProfile **extends** AppCompatActivity **implements** OnMapReadyCallback {

**private** TextView schoolName, schoolEmail, schoolAddress, schoolCity, schoolState, schoolZip, purchaseInfo;

**private** ImageView schoolPic;

**private** Button Return;

**private** ImageButton settings, help;

**private** GoogleMap mMap;

**int** chapterID, userID;

**private int** zipcode;

**private** String name, address, city;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.activity\_chapter\_profile);

SupportMapFragment mapFragment = (SupportMapFragment) getSupportFragmentManager()

.findFragmentById(R.id.map);

mapFragment.getMapAsync(**this**);

purchaseInfo = (TextView)findViewById(R.id.purchaseInfo);

schoolName = (TextView)findViewById(R.id.nameTV);

schoolEmail = (TextView)findViewById(R.id.emailTV);

schoolAddress = (TextView)findViewById(R.id.schoolAddressTV);

schoolCity = (TextView)findViewById(R.id.cityTV);

schoolZip = (TextView)findViewById(R.id.zipcodeTV);

schoolState = (TextView) findViewById(R.id.schoolStateTV);

schoolPic = (ImageView)findViewById(R.id.profilePicIV);

settings = (ImageButton)findViewById(R.id.settingsBtn);

help = (ImageButton)findViewById(R.id.helpBtn);

Return = (Button)findViewById(R.id.btnReturn);

Intent getInfo = getIntent();

chapterID = getInfo.getIntExtra(**"chapterID"**, 0);

userID = getInfo.getIntExtra(**"userID"**, 0);

help.setVisibility(View.INVISIBLE);

settings.setVisibility(View.INVISIBLE);

Return.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

Intent goHome = **new** Intent(ChapterProfile.**this**, MainPage.**class**);

goHome.putExtra(**"userID"**, userID);

goHome.putExtra(**"chapterID"**, chapterID);

startActivity(goHome);

finish();

}

});

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if**(success) {

zipcode = Integer.parseInt(jsonResponse.getString(**"zipCode"**));

city = jsonResponse.getString(**"city"**);

String state = jsonResponse.getString(**"state"**);

String email = jsonResponse.getString(**"email"**);

**int** chapterID = jsonResponse.getInt(**"chapterID"**);

String name = jsonResponse.getString(**"schoolName"**);

address = jsonResponse.getString(**"streetAddress"**);

String path = jsonResponse.getString(**"path"**);

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/chapters/"** + path,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

schoolPic.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

Toast.makeText(ChapterProfile.**this**, **"Chapter does not have profile picture."**, Toast.LENGTH\_LONG).show();

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.getInstance(ChapterProfile.**this**).addToRequestQueue(request);

schoolName.setText(name);

schoolEmail.setText(email);

schoolAddress.setText(address);

schoolCity.setText(city + **","**);

schoolState.setText(state);

schoolZip.setText(zipcode + **""**);

setTitle(**"Chapter "** + chapterID);

} **else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterProfile.**this**);

builder.setMessage(**"Unable to find chapter."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

ChapterSearchRequest searchRequest = **new** ChapterSearchRequest(chapterID, responseListener);

RequestQueue queue = Volley.newRequestQueue(ChapterProfile.**this**);

queue.add(searchRequest);

}

@Override

**public void** onMapReady(GoogleMap googleMap) {

mMap = googleMap;

Double latitude, longitude;

**if** (ContextCompat.checkSelfPermission(**this**, Manifest.permission.ACCESS\_FINE\_LOCATION)

== PackageManager.PERMISSION\_GRANTED) {

mMap.setMyLocationEnabled(**true**);

} **else** {

*// Show rationale and request permission.*

}

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

List<Address> geocodeMatches = **null**;

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if**(success) {

**zipcode** = Integer.*parseInt*(jsonResponse.getString(**"zipCode"**));

**city** = jsonResponse.getString(**"city"**);

**address** = jsonResponse.getString(**"streetAddress"**);

**try** { *//tries to see if location exists on Google Maps*

geocodeMatches =

**new** Geocoder(ChapterProfile.**this**).getFromLocationName(

**address** + **", "** + **city** + **" "** + **zipcode**, 1);

} **catch** (IOException e) {

*//* ***TODO Auto-generated catch block***

e.printStackTrace();

}

**if** (!geocodeMatches.isEmpty()) *//if the location is found*

{

**double** latitude = geocodeMatches.get(0).getLatitude(); *//finds latitude of location found*

**double** longitude = geocodeMatches.get(0).getLongitude(); *//finds longitude of location found*

LatLng school = **new** LatLng(latitude, longitude); *//sets latitude, longitude coordinate to the found lats and longs*

**mMap**.addMarker(**new** MarkerOptions().position(school).title(**""** + **schoolName**.getText().toString())); *//adds marker to map of found location*

mMap.moveCamera(CameraUpdateFactory.newLatLng(school)); *//moves camera to the marker*

mMap.animateCamera(CameraUpdateFactory.zoomTo(11), 2000, **null**); *//zooms in map 11 times over the duration of 2 seconds*

}

} **else** {

**try** { *//tries to see if location exists on Google Maps*

geocodeMatches =

**new** Geocoder(ChapterProfile.**this**).getFromLocationName(

schoolName.getText().toString(), 1);

} **catch** (IOException e) {

*// TODO Auto-generated catch block*

e.printStackTrace();

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterProfile.**this**);

builder.setMessage(**"Unable to find chapter."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

**if** (!geocodeMatches.isEmpty()) *//if the location is found*

{

**double** latitude = geocodeMatches.get(0).getLatitude(); *//finds latitude of location found*

**double** longitude = geocodeMatches.get(0).getLongitude(); *//finds longitude of location found*

LatLng school = **new** LatLng(latitude, longitude); *//sets latitude, longitude coordinate to the found lats and longs*

mMap.addMarker(**new** MarkerOptions().position(school).title(**""** + schoolName.getText().toString())); *//adds marker to map of found location*

mMap.moveCamera(CameraUpdateFactory.newLatLng(school)); *//moves camera to the marker*

mMap.animateCamera(CameraUpdateFactory.zoomTo(11), 2000, **null**); *//zooms in map 11 times over the duration of 2 seconds*

}

**else**{

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterProfile.**this**);

builder.setMessage(**"Unable to find chapter."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

}

} **catch** (JSONException e) {

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterProfile.**this**);

builder.setMessage(**"Unable to find chapter."**).setNegativeButton(**"Ok"**, **null**).create().show();

e.printStackTrace();

}

}

};

ChapterSearchRequest searchRequest = **new** ChapterSearchRequest(chapterID, responseListener); *//gathers chapters information*

RequestQueue queue = Volley.newRequestQueue(ChapterProfile.**this**);

queue.add(searchRequest);

}

}

ChapterProfileFragment.java

**package** com.example.izzy.fblays2;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.media.Image;

**import** android.net.Uri;

**import** android.os.Bundle;

**import** android.support.v4.app.Fragment;

**import** android.support.v7.app.AlertDialog;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**public class** ChapterProfileFragment **extends** Fragment **implements** View.OnClickListener{

**private** TextView **schoolName**, **schoolEmail**, **schoolAddress**, **schoolCity**, **schoolState**, **schoolZip**, **purchaseInfo**;

**private** ImageView **schoolPic**;

**int chapterID**;

**private** Button **LogOut**;

**private** ImageButton **settings**, **help**, **Return**;

**public** ChapterProfileFragment() {

*// Required empty public constructor*

}

@Override

**public void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

Intent intent = getActivity().getIntent();

**chapterID** = intent.getIntExtra(**"chapterID"**, 0);

}

@Override

**public** View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

*// Inflate the layout for this fragment*

View view = inflater.inflate(R.layout.***activity\_actual\_chapter\_profile***, container, **false**);

**schoolName** = (TextView)view.findViewById(R.id.***nameTV***);

**schoolEmail** = (TextView)view.findViewById(R.id.***emailTV***);

**schoolAddress** = (TextView)view.findViewById(R.id.***schoolAddressTV***);

**schoolCity** = (TextView)view.findViewById(R.id.***cityTV***);

**schoolState** = (TextView)view.findViewById(R.id.***schoolStateTV***);

**schoolZip** = (TextView)view.findViewById(R.id.***zipcodeTV***);

**schoolPic** = (ImageView)view.findViewById(R.id.***profilePicIV***);

**settings** = (ImageButton)view.findViewById(R.id.***helpBtn***);

**help** = (ImageButton)view.findViewById(R.id.***settingsBtn***);

**Return** = (ImageButton)view.findViewById(R.id.***btnReturn***);

**LogOut** = (Button)view.findViewById(R.id.***btnLogOut***);

**purchaseInfo** = (TextView)view.findViewById(R.id.***purchaseInfo***);

**Return**.setVisibility(View.***INVISIBLE***);

**purchaseInfo**.setVisibility(View.***INVISIBLE***);

**settings**.setOnClickListener(**this**);

**help**.setOnClickListener(**this**);

**LogOut**.setOnClickListener(**this**);

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if**(success) {

**int** zipcode = Integer.*parseInt*(jsonResponse.getString(**"zipCode"**));

String city = jsonResponse.getString(**"city"**);

String state = jsonResponse.getString(**"state"**);

String email = jsonResponse.getString(**"email"**);

**int** chapterID = jsonResponse.getInt(**"chapterID"**);

String name = jsonResponse.getString(**"schoolName"**);

String address = jsonResponse.getString(**"streetAddress"**);

String path = jsonResponse.getString(**"path"**);

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/chapters/"** + path,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

**schoolPic**.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

Toast.*makeText*(getActivity(), **"Chapter does not have profile picture."**, Toast.***LENGTH\_LONG***).show();

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.*getInstance*(getActivity()).addToRequestQueue(request);

**schoolName**.setText(name);

**schoolEmail**.setText(email);

**schoolAddress**.setText(address);

**schoolCity**.setText(city + **","**);

**schoolState**.setText(state);

**schoolZip**.setText(zipcode + **""**);

} **else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(getActivity());

builder.setMessage(**"Unable to find chapter."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

ChapterSearchRequest searchRequest = **new** ChapterSearchRequest(**chapterID**, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(getActivity());

queue.add(searchRequest);

**return** view;

}

@Override

**public void** onClick(View v) {

**switch**(v.getId()){

**case** R.id.***helpBtn***:

Intent toSettings = **new** Intent(getActivity(), EditChapterInfo.**class**);

toSettings.putExtra(**"chapterID"**, **chapterID**);

startActivity(toSettings);

getActivity().finish();

**break**;

**case** R.id.***settingsBtn***:

Intent toHelp = **new** Intent(getActivity(), ChapterHelp.**class**);

toHelp.putExtra(**"chapterID"**, **chapterID**);

startActivity(toHelp);

getActivity().finish();

**break**;

**case** R.id.***btnLogOut***:

SaveSharedPreference.*clearUserName*(getContext());

Intent logOut = **new** Intent(getContext(), LauncherScreen.**class**);

startActivity(logOut);

getActivity().finish();

}

}

}

ChapterRegisterRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by user on 12/13/2016.*

*\*/*

**public class** ChapterRegisterRequest **extends** StringRequest {

**private static final** String ***REGISTER\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/register.php"**;

**private** Map<String, String> **params**;

**public** ChapterRegisterRequest(String encoded\_string, **int** chapterID, String email, String firstName, String lastName, String password, String schoolName, String city, String state, **int** zipCode, String streetAddress, Response.Listener<String> listener) {

**super**(Method.***POST***, ***REGISTER\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"encoded\_string"**, encoded\_string);

**params**.put(**"chapterID"**, chapterID + **""**);

**params**.put(**"email"**,email);

**params**.put(**"firstName"**,firstName);

**params**.put(**"lastName"**,lastName);

**params**.put(**"password"**,password);

**params**.put(**"schoolName"**,schoolName);

**params**.put(**"city"**,city);

**params**.put(**"state"**,state);

**params**.put(**"zipCode"**,zipCode + **""**);

**params**.put(**"streetAddress"**,streetAddress);

}

**public** Map<String, String> getParams() {

**return params**;

}

}

ChapterRegistration.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.graphics.BitmapFactory;

**import** android.net.Uri;

**import** android.os.Environment;

**import** android.provider.MediaStore;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.util.Base64;

**import** android.view.View;

**import** android.widget.AdapterView;

**import** android.widget.ArrayAdapter;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.ImageView;

**import** android.widget.Spinner;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.ByteArrayOutputStream;

**import** java.io.File;

**import** java.io.FileNotFoundException;

**import** java.io.InputStream;

**public class** ChapterRegistration **extends** AppCompatActivity {

**private** Button **toLogin**, **Register**;

**private** Spinner **spinner**;

**private** EditText **ChapterID**, **FirstName**, **LastName**, **Email**, **SchoolName**, **City**, **ZipCode**, **StreetAddress**, **Password**, **ConfirmPassword**;

**private static final int *IMAGE\_GALLERY\_REQUEST*** = 93;

**private static final int *IMAGE\_CAMERA\_REQUEST*** = 77;

ArrayAdapter<CharSequence> **adapter**;

Bitmap **image**;

ImageView **chapterPic**;

String **imageBit**, **state**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_chapter\_registration***);

*//EditTexts, TextViews, Buttons, and Spinners*

**chapterPic** = (ImageView)findViewById(R.id.***chapterPic***);

*//stateSelected = (TextView)findViewById(R.id.stateSelected);*

**ChapterID** = (EditText)findViewById(R.id.***reg\_ChapterID***);

**FirstName** = (EditText)findViewById(R.id.***reg\_firstName***);

**LastName** = (EditText)findViewById(R.id.***reg\_lastName***);

**Email** = (EditText)findViewById(R.id.***reg\_email***);

**SchoolName** = (EditText)findViewById(R.id.***reg\_schoolName***);

**City** = (EditText)findViewById(R.id.***reg\_city***);

**ZipCode** = (EditText)findViewById(R.id.***reg\_zipCode***);

**StreetAddress** = (EditText)findViewById(R.id.***reg\_streetAddress***);

**Password** = (EditText)findViewById(R.id.***reg\_password***);

**ConfirmPassword** = (EditText)findViewById(R.id.***reg\_confirmPassword***);

**toLogin** = (Button)findViewById(R.id.***bn\_toLogin***);

**Register** = (Button)findViewById(R.id.***bn\_Register***);

**spinner** = (Spinner)findViewById(R.id.***spinner***);

**adapter** = ArrayAdapter.*createFromResource*(**this**,R.array.***state\_abs***,android.R.layout.***simple\_spinner\_item***);

**adapter**.setDropDownViewResource(android.R.layout.***simple\_spinner\_dropdown\_item***);

**spinner**.setAdapter(**adapter**);

**spinner**.setOnItemSelectedListener(**new** AdapterView.OnItemSelectedListener() {

@Override

**public void** onItemSelected(AdapterView<?> adapterView, View view, **int** i, **long** l) {

*//Toast.makeText(getBaseContext(),adapterView.getItemAtPosition(i)+" selected", Toast.LENGTH\_LONG).show();*

**state** = (String)adapterView.getItemAtPosition(i);

}

@Override

**public void** onNothingSelected(AdapterView<?> adapterView) {

Toast.*makeText*(ChapterRegistration.**this**, **"Nothing Selected"**, Toast.***LENGTH\_SHORT***).show();

}

});

**toLogin**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

startActivity(**new** Intent(ChapterRegistration.**this**, ChapterLogin.**class**));

finish();

}

});

**Register**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

**final int** chapterID = Integer.*parseInt*(ChapterID.getText().toString());

**final** String email = Email.getText().toString();

**final** String firstName = FirstName.getText().toString();

**final** String lastName = LastName.getText().toString();

**final** String password = Password.getText().toString();

**final** String confirmPassword = ConfirmPassword.getText().toString();

**final** String schoolName = SchoolName.getText().toString();

**final** String city = City.getText().toString();

**final int** zipCode = Integer.parseInt(ZipCode.getText().toString());

**final** String streetAddress = StreetAddress.getText().toString();

**if**(image == **null**) {

chapterPic.buildDrawingCache();

Bitmap bmap = chapterPic.getDrawingCache();

image = bmap;

}

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

String error\_msg = jsonResponse.getString(**"error\_msg"**);

**if** (success) {

Intent i = **new** Intent(ChapterRegistration.**this**, ChapterLogin.**class**);

ChapterRegistration.**this**.startActivity(i);

finish();

} **else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterRegistration.**this**);

builder.setMessage(error\_msg).setNegativeButton(**"Retry"**, **null**).create().show();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

**if** (checkAll(chapterID, email, firstName, lastName, password, confirmPassword, schoolName, city, state, zipCode, streetAddress)) {

ChapterRegisterRequest registerRequest = **new** ChapterRegisterRequest(getStringImage(image), chapterID, email, firstName, lastName, password, schoolName, city, state, zipCode, streetAddress, responseListener);

RequestQueue queue = Volley.newRequestQueue(ChapterRegistration.**this**);

queue.add(registerRequest);

} **else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterRegistration.**this**);

builder.setMessage(**"One or more fields was incorrect"**).setNegativeButton(**"Retry"**, **null**).create().show();

}

}

});

}

**public void** onGalleryClicked(View v) {

Intent photoPickerIntent = **new** Intent(Intent.ACTION\_PICK);

File pictureDirecory = Environment.getExternalStoragePublicDirectory(Environment.DIRECTORY\_PICTURES);

String pictureDirectoryPath = pictureDirecory.getPath();

Uri data = Uri.parse(pictureDirectoryPath);

photoPickerIntent.setDataAndType(data, **"image/\*"**);

startActivityForResult(photoPickerIntent, IMAGE\_GALLERY\_REQUEST);

}

**public void** onCameraClicked(View v) {

Intent cameraIntent = **new** Intent(MediaStore.ACTION\_IMAGE\_CAPTURE);

startActivityForResult(cameraIntent,IMAGE\_CAMERA\_REQUEST);

}

@Override

**protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data) {

*//super.onActivityResult(requestCode, resultCode, data);*

**if**(resultCode==RESULT\_OK) {

*//If we are here, everything processed successfully*

**if**(requestCode==IMAGE\_GALLERY\_REQUEST) {

*//If we are here, we are hearing back from the image gallery*

Uri imageUri = data.getData();

*//Declare a stream to read the image data from the SD card*

InputStream inputStream;

**try** {

inputStream = getContentResolver().openInputStream(imageUri);

image = BitmapFactory.decodeStream(inputStream);

image = Bitmap.createScaledBitmap(image, 300, 300, **true**);

chapterPic.setImageBitmap(image);

imageBit = getStringImage(image);

} **catch** (FileNotFoundException e) {

e.printStackTrace();

Toast.makeText(**this**, **"Unable to open image"**, Toast.LENGTH\_LONG).show();

}

} **else if**(requestCode == IMAGE\_CAMERA\_REQUEST) {

image = (Bitmap) data.getExtras().get(**"data"**);

chapterPic.setImageBitmap(image);

imageBit = getStringImage(image);

}

}

}

**public** String getStringImage(Bitmap bmp) {

ByteArrayOutputStream baos = **new** ByteArrayOutputStream();

bmp.compress(Bitmap.CompressFormat.JPEG, 100, baos);

**byte**[] imageBytes = baos.toByteArray();

String encodedImage = Base64.encodeToString(imageBytes, Base64.DEFAULT);

**return** encodedImage;

}

**public boolean** checkAll(**int** chapterID, String email, String firstName, String lastName, String password, String confirmPassword, String schoolName, String city, String state, **int** zipCode, String streetAddress) {

**if**(chapterID < 10000 || chapterID > 99999) {

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterRegistration.**this**);

builder.setMessage(**"Invalid Chapter ID."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(zipCode < 10000 || zipCode > 99999) {

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterRegistration.**this**);

builder.setMessage(**"Invalid zipcode."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(email.isEmpty() || firstName.isEmpty() || lastName.isEmpty() || password.isEmpty() || schoolName.isEmpty() || city.isEmpty() || state.isEmpty() || streetAddress.isEmpty()) {

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterRegistration.**this**);

builder.setMessage(**"Do not leave fields empty!"**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(email.length() == 0 || firstName.length() == 0 || lastName.length() == 0 || password.length() == 0 || schoolName.length() == 0 || city.length() == 0 || state.length() != 2 || streetAddress.length() == 0) {

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterRegistration.**this**);

builder.setMessage(**"Do not leave fields empty!"**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(state.equals(**"State"**)){

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterRegistration.**this**);

builder.setMessage(**"Please select a state."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(!email.contains(**"@"**) || !email.contains(**"."**)) {

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterRegistration.**this**);

builder.setMessage(**"Invalid email address."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(!password.equals(confirmPassword)){

AlertDialog.Builder builder = **new** AlertDialog.Builder(ChapterRegistration.**this**);

builder.setMessage(**"Passwords do not match."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**return true**;

}

}

ChapterSalesFragment.java

**package** com.example.izzy.fblays2;

**import** android.app.ProgressDialog;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.net.Uri;

**import** android.os.Bundle;

**import** android.support.v4.app.Fragment;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**public class** ChapterSalesFragment **extends** Fragment {

RecyclerView **recyclerView**;

BackgroundTaskSales **backgroundTaskSales**;

ProgressDialog **progressDialog**;

**public** ChapterSalesFragment() {

*// Required empty public constructor*

}

@Override

**public void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

}

@Override

**public** View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

*// Inflate the layout for this fragment*

View view = inflater.inflate(R.layout.***fragment\_chapter\_sales***, container, **false**);

**recyclerView** = (RecyclerView) view.findViewById(R.id.***recyclerViewChapterSales***);

Intent intent = getActivity().getIntent();

**int** chapterID = intent.getIntExtra(**"chapterID"**, 0);

startBTSales(chapterID, **recyclerView**);

**return** view;

}

**public void** startBTSales(**int** chapterID, RecyclerView recyclerView) {

**backgroundTaskSales** = **new** BackgroundTaskSales(getActivity(), chapterID, recyclerView);

**progressDialog** = **backgroundTaskSales**.getProgressDialog();

**backgroundTaskSales**.execute();

**if**(**progressDialog**!=**null** && !**progressDialog**.isShowing()) {

**progressDialog**.show();

}

}

@Override

**public void** onDestroy() {

**super**.onDestroy();

**if** (**progressDialog**!=**null** && **progressDialog**.isShowing()){

**progressDialog**.dismiss();

}

}

}

ChapterSearchRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Izzy on 12/24/2016.*

*\*/*

**public class** ChapterSearchRequest **extends** StringRequest {

**private static final** String ***CHAPTER\_SEARCH\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/findChapter.php"**;

**private** Map<String, String> **params**;

**public** ChapterSearchRequest(**int** chapter\_id, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***CHAPTER\_SEARCH\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"chapterID"**, chapter\_id + **""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

Comment.java

**package** com.example.izzy.fblays2;

*/\*\**

*\* Created by Other admin on 2/21/2017.*

*\*/*

**public class** Comment {

**int id**, **saleID**, userID;

String **comment**, **firstName**, **lastName**;

**public** Comment(**int** id, String comment, **int** saleID, **int** userID, String firstName, String lastName) {

**this**.**id** = id;

**this**.**comment** = comment;

**this**.**saleID** = saleID;

**this**.userID = userID;

**this**.**firstName** = firstName;

**this**.**lastName** = lastName;

}

**public int** getId() {

**return id**;

}

**public void** setId(**int** id) {

**this**.**id** = id;

}

**public int** getSaleID() {

**return saleID**;

}

**public void** setSaleID(**int** saleID) {

**this**.**saleID** = saleID;

}

**public int** getUserID() {

**return** userID;

}

**public void** setUserID(**int** userID) {

**this**.userID = userID;

}

**public** String getComment() {

**return comment**;

}

**public void** setComment(String comment) {

**this**.**comment** = comment;

}

**public** String getFirstName() {

**return firstName**;

}

**public void** setFirstName(String firstName) {

**this**.**firstName** = firstName;

}

**public** String getLastName() {

**return lastName**;

}

**public void** setLastName(String lastName) {

**this**.**lastName** = lastName;

}

}

CommentRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Other admin on 1/4/2017.*

*\*/*

**public class** CommentRequest **extends** StringRequest {

**private static final** String ***DONATE\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/leaveComment.php"**;

**private** Map<String, String> params;

**public** CommentRequest(String comment, **int** typeID, **int** userID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATE\_REQUEST\_URL***, listener, **null**);

params = **new** HashMap<>();

params.put(**"comment"**, comment);

params.put(**"typeID"**, typeID+**""**);

params.put(**"userID"**, userID+**""**);

}

**public** Map<String, String> getParams(){

**return** params;

}

}

ConfirmDonation.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.icu.text.NumberFormat;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.AdapterView;

**import** android.widget.ArrayAdapter;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.ImageView;

**import** android.widget.Spinner;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.text.DecimalFormat;

**import static** com.example.izzy.fblays2.R.id.***spinner***;

**public class** ConfirmDonation **extends** AppCompatActivity {

ImageView **mImageView**;

EditText **nameET**, **priceET**,**descriptionET**;

Button **Confirm**, **Deny**;

Spinner **categoryET**, **condition1ET**;

String **path**, **firstName**, **lastName**, **name**, **condition1**, **category**, **description**;

**double price**;

**int chapterID**, **userID**, **typeID**, **notificationID**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_confirm\_donation***);

Intent intent = getIntent();

**userID** = intent.getIntExtra(**"userID"**, 0);

**typeID** = intent.getIntExtra(**"typeID"**, 0);

**notificationID** = intent.getIntExtra(**"id"**, 0);

**chapterID** = intent.getIntExtra(**"chapterID"**, 0);

**nameET** = (EditText) findViewById(R.id.***nameET***);

**condition1ET** = (Spinner) findViewById(R.id.***condition1ET***);

**priceET** = (EditText) findViewById(R.id.***priceET***);

**descriptionET** = (EditText)findViewById(R.id.***descriptionET***);

**categoryET** = (Spinner)findViewById(R.id.***categoryET***);

**Confirm** = (Button)findViewById(R.id.***btnConfirm***);

**Deny** = (Button)findViewById(R.id.***btnDeny***);

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if**(success){

DecimalFormat numberFormat = **new** DecimalFormat(**"#.00"**);

**firstName** = jsonResponse.getString(**"firstName"**);

**lastName** = jsonResponse.getString(**"lastName"**);

**name** = jsonResponse.getString(**"name"**);

**condition1** = jsonResponse.getString(**"condition1"**);

**category** = jsonResponse.getString(**"category"**);

**price** = Double.*parseDouble*(jsonResponse.getString(**"price"**));

**description** = jsonResponse.getString(**"description"**);

**path** = jsonResponse.getString(**"path"**);

String url = **"http://fblays.a2hosted.com/images/"** + **path**;

**nameET**.setText(**name**);

ArrayAdapter<CharSequence> adapter = ArrayAdapter.*createFromResource*(ConfirmDonation.**this**, R.array.***condition***, android.R.layout.***simple\_spinner\_item***);

adapter.setDropDownViewResource(android.R.layout.***simple\_spinner\_dropdown\_item***);

**condition1ET**.setAdapter(adapter);

**if** (!**condition1**.equals(**null**)) {

**int** spinnerPosition = adapter.getPosition(**condition1**);

**condition1ET**.setSelection(spinnerPosition);

}

ArrayAdapter<CharSequence> adapter2 = ArrayAdapter.*createFromResource*(ConfirmDonation.**this**, R.array.***categories***, android.R.layout.***simple\_spinner\_item***);

adapter.setDropDownViewResource(android.R.layout.***simple\_spinner\_dropdown\_item***);

**categoryET**.setAdapter(adapter2);

**if** (!**category**.equals(**null**)) {

**int** spinnerPosition = adapter2.getPosition(**category**);

**categoryET**.setSelection(spinnerPosition);

}

**priceET**.setText(**"$"** + numberFormat.format(**price**)+**""**);

**descriptionET**.setText(**description**);

setTitle(**"Donated by "**+**firstName**+**" "**+**lastName**);

**mImageView** = (ImageView) findViewById(R.id.***objectIV***);

*// Retrieves an image specified by the URL, displays it in the UI.*

ImageRequest request = **new** ImageRequest(url,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

**mImageView**.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

*//Toast.makeText(ConfirmDonation.this, "BAD", Toast.LENGTH\_LONG).show();*

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.*getInstance*(ConfirmDonation.**this**).addToRequestQueue(request);

}**else**{

AlertDialog.Builder builder = **new** AlertDialog.Builder(ConfirmDonation.**this**);

builder.setMessage(**"Something went wrong..."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

}

**catch** (JSONException e){

e.printStackTrace();

}

}

};

FindDonationRequest findDonationRequest = **new** FindDonationRequest(**typeID**, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(ConfirmDonation.**this**);

queue.add(findDonationRequest);

**condition1ET**.setOnItemSelectedListener(**new** AdapterView.OnItemSelectedListener() {

@Override

**public void** onItemSelected(AdapterView<?> adapterView, View view, **int** i, **long** l) {

**condition1** = (String)adapterView.getItemAtPosition(i);

}

@Override

**public void** onNothingSelected(AdapterView<?> adapterView) {

Toast.*makeText*(ConfirmDonation.**this**, **"Nothing Selected"**, Toast.***LENGTH\_SHORT***).show();

}

});

**categoryET**.setOnItemSelectedListener(**new** AdapterView.OnItemSelectedListener() {

@Override

**public void** onItemSelected(AdapterView<?> adapterView, View view, **int** i, **long** l) {

**category** = (String)adapterView.getItemAtPosition(i);

}

@Override

**public void** onNothingSelected(AdapterView<?> adapterView) {

Toast.*makeText*(ConfirmDonation.**this**, **"Nothing Selected"**, Toast.***LENGTH\_SHORT***).show();

}

});

**Confirm**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**if**(verification(**name**, **condition1**, **category**, **description**, **price**)) {

**price** = Math.*round*(**price** \* 100.0) / 100.0;

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if** (success) {

Intent i = **new** Intent(ConfirmDonation.**this**,ChapterMainPage.**class**);

i.putExtra(**"chapterID"**, **chapterID**);

startActivity(i);

finish();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

ConfirmDonationRequest confirmDonationRequest = **new** ConfirmDonationRequest(**path**, **name**, **condition1**, **category**, **description**, **price**, **chapterID**, **userID**, **notificationID**, **typeID**, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(ConfirmDonation.**this**);

queue.add(confirmDonationRequest);

}

}

});

**Deny**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

Response.Listener<String> responseListener2 = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse2 = **new** JSONObject(response);

**boolean** success = jsonResponse2.getBoolean(**"success"**);

**if**(success) {

Intent i2 = **new** Intent(ConfirmDonation.**this**, ChapterMainPage.**class**);

i2.putExtra(**"chapterID"**, **chapterID**);

startActivity(i2);

finish();

}

}

**catch** (JSONException e){

e.printStackTrace();

}

}

};

DenyDonationRequest denyDonationRequest = **new** DenyDonationRequest(**userID**, **notificationID**, **typeID**, responseListener2);

RequestQueue queue = Volley.*newRequestQueue*(ConfirmDonation.**this**);

queue.add(denyDonationRequest);

}

});

}

**public boolean** verification(String name, String condition1, String category, String description, **double** price){

**if**(name.isEmpty() || condition1.equals(**"Condition"**) || category.equals(**"Category"**) || description.isEmpty() || price == 0) {

AlertDialog.Builder builder = **new** AlertDialog.Builder(ConfirmDonation.**this**);

builder.setMessage(**"Do not leave fields empty!"**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(name.length() > 20){

AlertDialog.Builder builder = **new** AlertDialog.Builder(ConfirmDonation.**this**);

builder.setMessage(**"Name cannot be longer than 20 characters."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else**{

**return true**;

}

}

}

ConfirmDonationRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Other admin on 1/4/2017.*

*\*/*

**public class** ConfirmDonationRequest **extends** StringRequest {

**private static final** String ***DONATE\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/createSale.php"**;

**private** Map<String, String> **params**;

**public** ConfirmDonationRequest(String path, String name, String condition1, String category, String description, **double** price, **int** chapterID, **int** userID, **int** notificationID, **int** typeID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATE\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"path"**, path);

**params**.put(**"name"**, name);

**params**.put(**"condition1"**, condition1);

**params**.put(**"category"**, category);

**params**.put(**"description"**, description);

**params**.put(**"price"**, price + **""**);

**params**.put(**"chapterID"**, chapterID + **""**);

**params**.put(**"userID"**, userID + **""**);

**params**.put(**"notificationID"**, notificationID+**""**);

**params**.put(**"typeID"**, typeID+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

DeleteDonationRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Other admin on 1/4/2017.*

*\*/*

**public class** DeleteDonationRequest **extends** StringRequest {

**private static final** String ***DONATE\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/deleteDonation.php"**;

**private** Map<String, String> **params**;

**public** DeleteDonationRequest(**int** id, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATE\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"id"**, id+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

DeleteNotificationRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Deletes a users notification*

*\*/*

**public class** DeleteNotificationRequest **extends** StringRequest {

**private static final** String ***LOGIN\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/deleteNotification.php"**;

**private** Map<String, String> **params**;

**public** DeleteNotificationRequest(**int** id, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***LOGIN\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"id"**, id+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

DenyDonationRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Other admin on 1/4/2017.*

*\*/*

**public class** DenyDonationRequest **extends** StringRequest {

**private static final** String ***DONATE\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/denyDonation.php"**;

**private** Map<String, String> **params**;

**public** DenyDonationRequest(**int** userID, **int** notificationID, **int** typeID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATE\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"userID"**, userID + **""**);

**params**.put(**"notificationID"**, notificationID+**""**);

**params**.put(**"typeID"**, typeID+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

DenyNotificationRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Other admin on 1/4/2017.*

*\*/*

**public class** DenyNotificationRequest **extends** StringRequest {

**private static final** String ***DONATE\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/donationSug.php"**;

**private** Map<String, String> **params**;

**public** DenyNotificationRequest(**int** typeID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATE\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"typeID"**, typeID+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

DonateFragment.java

**package** com.example.izzy.fblays2;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.net.Uri;

**import** android.os.Bundle;

**import** android.provider.MediaStore;

**import** android.support.v4.app.Fragment;

**import** android.support.v7.app.AlertDialog;

**import** android.util.Base64;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.AdapterView;

**import** android.widget.ArrayAdapter;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.Spinner;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.ByteArrayOutputStream;

*/\*\**

*\*/*

**public class** DonateFragment **extends** Fragment **implements** View.OnClickListener{

ImageButton **btnpic**;

Button **donateBtn**;

ImageView **imgTakenPic**;

**private static final int *CAM\_REQUEST***=1313;

EditText **nameET**, **condition1ET**, **priceET**, **descriptionET**, **categoryET**;

Bitmap **bitmap**;

String **imageBit**;

ArrayAdapter<CharSequence> **adapter**, **conditionAdapter**;

**private** Spinner **spinner**, **conditionSpinner**;

String **category**, **condition1**;

Boolean **isMember**;

**int chapterID**;

**int userID**;

**public** DonateFragment() {

*// Required empty public constructor*

}

@Override

**public void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

Intent intent = getActivity().getIntent();

**userID** = intent.getIntExtra(**"userID"**, 0);

**if**(intent.getIntExtra(**"chapterID"**, 0) != -1) {

**chapterID** = intent.getIntExtra(**"chapterID"**, 0);

} **else** {

Intent joinChapter = **new** Intent(getActivity(), JoinChapter.**class**);

joinChapter.putExtra(**"userID"**, **userID**);

joinChapter.putExtra(**"activity"**, **"Donate"**);

startActivity(joinChapter);

}

*//btnpic.setOnClickListener(new DonateFragment.btnTakePhotoClicker());*

}

**public void** onActivityResult(**int** requestCode, **int** resultCode, Intent data) {

**super**.onActivityResult(requestCode, resultCode, data);

**if** (requestCode == ***CAM\_REQUEST***) {

**if**(data.getExtras() != **null**) {

**bitmap** = (Bitmap) data.getExtras().get(**"data"**);

**imgTakenPic**.setImageBitmap(**bitmap**);

**imageBit** = getStringImage(**bitmap**);

**donateBtn**.setVisibility(View.***VISIBLE***);

**imgTakenPic**.setVisibility(View.***VISIBLE***);

}

}

}

@Override

**public void** onClick(View v) {

**switch**(v.getId()){

**case** R.id.***buttonPic***:

Intent intent = **new** Intent(MediaStore.***ACTION\_IMAGE\_CAPTURE***);

startActivityForResult(intent,***CAM\_REQUEST***);

**break**;

**case** R.id.***donateBtn***:

String name = **nameET**.getText().toString();

*//String condition1 = condition1ET.getText().toString();*

*//String category = categoryET.getText().toString();*

String description = **descriptionET**.getText().toString();

String makePrice = **priceET**.getText().toString();

Boolean realPrice = **false**;

**double** price = 0;

**if**(!makePrice.equals(**""**)) {

price = Double.*parseDouble*(makePrice);

realPrice = **true**;

} **else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(getActivity());

builder.setMessage(**"Do not leave price empty!"**).setNegativeButton(**"Ok"**, **null**).create().show();

}

**if**(**bitmap** == **null**) {

AlertDialog.Builder builder3 = **new** AlertDialog.Builder(getActivity());

builder3.setMessage(**"Image required."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

**if**(realPrice && verification(name, **condition1**, **category**, description, price)) {

price = Math.*round*(price \* 100.0) / 100.0;

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse2 = **new** JSONObject(response);

**boolean** success2 = jsonResponse2.getBoolean(**"success"**);

**if** (success2) {

Toast toast = Toast.*makeText*(getActivity(), **"Donation request sent!"**, Toast.***LENGTH\_LONG***);

toast.show();

Intent toHome = **new** Intent(getActivity(), MainPage.**class**);

toHome.putExtra(**"chapterID"**, **chapterID**);

toHome.putExtra(**"userID"**, **userID**);

startActivity(toHome);

getActivity().finish();

} **else** {

**boolean** error = jsonResponse2.getBoolean(**"error"**);

**if** (error) {

AlertDialog.Builder builder2 = **new** AlertDialog.Builder(getActivity());

builder2.setMessage(jsonResponse2.getString(**"error\_msg"**)).setNegativeButton(**"Ok"**, **null**).create().show();

} **else** {

AlertDialog.Builder builder2 = **new** AlertDialog.Builder(getActivity());

builder2.setMessage(**"Something went wrong."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

DonateRequest uploadRequest = **new** DonateRequest(getStringImage(**bitmap**), name, **condition1**, **category**, description, price, **chapterID**, **userID**, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(getActivity());

queue.add(uploadRequest);

}

**break**;

}

}

**public** String getStringImage(Bitmap bmp) {

ByteArrayOutputStream baos = **new** ByteArrayOutputStream();

bmp.compress(Bitmap.CompressFormat.***JPEG***, 100, baos);

**byte**[] imageBytes = baos.toByteArray();

String encodedImage = Base64.*encodeToString*(imageBytes, Base64.***DEFAULT***);

**return** encodedImage;

}

**public boolean** verification(String name, String condition1, String category, String description, **double** price){

**if**(name.isEmpty() || condition1.equals(**"Condition"**) || category.equals(**"Category"**) || description.isEmpty() || price == 0) {

AlertDialog.Builder builder = **new** AlertDialog.Builder(getActivity());

builder.setMessage(**"Do not leave fields empty!"**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(name.length() > 20){

AlertDialog.Builder builder = **new** AlertDialog.Builder(getActivity());

builder.setMessage(**"Name cannot be longer than 20 characters."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else**{

**return true**;

}

}

@Override

**public** View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

*// Inflate the layout for this fragment*

View view = inflater.inflate(R.layout.***activity\_donate***, container, **false**);

**nameET** = (EditText)view.findViewById(R.id.***nameET***);

**condition1ET** = (EditText)view.findViewById(R.id.***condition1ET***);

**priceET** = (EditText)view.findViewById(R.id.***priceET***);

**descriptionET** = (EditText)view.findViewById(R.id.***descriptionET***);

**categoryET** = (EditText)view.findViewById(R.id.***categoryET***);

**btnpic** = (ImageButton) view.findViewById(R.id.***buttonPic***);

**donateBtn** = (Button) view.findViewById(R.id.***donateBtn***);

**imgTakenPic** = (ImageView) view.findViewById(R.id.***imageViewPic***);

**btnpic**.setOnClickListener(**this**);

**donateBtn**.setOnClickListener(**this**);

**conditionSpinner** = (Spinner)view.findViewById(R.id.***conditionSpinner***);

**conditionAdapter** = ArrayAdapter.*createFromResource*(getActivity(),R.array.***condition***,R.layout.***spinner\_condition***);

**conditionAdapter**.setDropDownViewResource(android.R.layout.***simple\_spinner\_dropdown\_item***);

**conditionSpinner**.setAdapter(**conditionAdapter**);

**spinner** = (Spinner)view.findViewById(R.id.***catSpinner***);

**adapter** = ArrayAdapter.*createFromResource*(getActivity(),R.array.***categories***,R.layout.***spinner\_condition***);

**adapter**.setDropDownViewResource(android.R.layout.***simple\_spinner\_dropdown\_item***);

**spinner**.setAdapter(**adapter**);

**conditionSpinner**.setOnItemSelectedListener(**new** AdapterView.OnItemSelectedListener() {

@Override

**public void** onItemSelected(AdapterView<?> parent, View view, **int** position, **long** id) {

**condition1** = (String)parent.getItemAtPosition(position);

}

@Override

**public void** onNothingSelected(AdapterView<?> parent) {

Toast.*makeText*(getActivity(), **"Nothing selected"**, Toast.***LENGTH\_LONG***).show();

}

});

**spinner**.setOnItemSelectedListener(**new** AdapterView.OnItemSelectedListener() {

@Override

**public void** onItemSelected(AdapterView<?> adapterView, View view, **int** i, **long** l) {

*//Toast.makeText(getBaseContext(),adapterView.getItemAtPosition(i)+" selected", Toast.LENGTH\_LONG).show();*

**category** = (String)adapterView.getItemAtPosition(i);

}

@Override

**public void** onNothingSelected(AdapterView<?> adapterView) {

Toast.*makeText*(getActivity(), **"Nothing Selected"**, Toast.***LENGTH\_SHORT***).show();

}

});

**return** view;

}

}

DonateRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Other admin on 1/4/2017.*

*\*/*

**public class** DonateRequest **extends** StringRequest {

**private static final** String ***DONATE\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/donationSug.php"**;

**private** Map<String, String> **params**;

**public** DonateRequest(String encoded\_string, String name, String condition1, String category, String description, **double** price, **int** chapterID, **int** userID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATE\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"encoded\_string"**, encoded\_string);

**params**.put(**"name"**, name);

**params**.put(**"condition1"**, condition1);

**params**.put(**"category"**, category);

**params**.put(**"description"**, description);

**params**.put(**"price"**, price + **""**);

**params**.put(**"chapterID"**, chapterID + **""**);

**params**.put(**"userID"**, userID + **""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

DonationInfoRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by user on 1/19/2017.*

*\*/*

**public class** DonationInfoRequest **extends** StringRequest{

**private static final** String ***DONATION\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/getDonationInfo.php"**;

**private** Map<String, String> **params**;

**public** DonationInfoRequest(**int** typeID, Response.Listener<String> listener) {

**super**(Request.Method.***POST***, ***DONATION\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"typeID"**, typeID+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

DonationNameRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Izzy on 1/18/2017.*

*\*/*

**public class** DonationNameRequest **extends** StringRequest{

**private static final** String ***DONATION\_NAME\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/getNameAndDonation.php"**;

**private** Map<String, String> **params**;

**public** DonationNameRequest(**int** userID, **int** typeID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATION\_NAME\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"userID"**, userID+**""**);

**params**.put(**"typeID"**, typeID+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

EditChapterInfo.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.graphics.BitmapFactory;

**import** android.net.Uri;

**import** android.os.Environment;

**import** android.provider.MediaStore;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.util.Base64;

**import** android.view.View;

**import** android.widget.AdapterView;

**import** android.widget.ArrayAdapter;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.Spinner;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.ByteArrayOutputStream;

**import** java.io.File;

**import** java.io.FileNotFoundException;

**import** java.io.InputStream;

**public class** EditChapterInfo **extends** AppCompatActivity {

**private** Button **Update**;

**private** ImageButton **Return**;

**private** Spinner **spinner**;

String **state**;

**private** EditText **ChapterID**, **FirstName**, **LastName**, **Email**, **SchoolName**, **City**, **ZipCode**, **StreetAddress**;

**private static final int *IMAGE\_GALLERY\_REQUEST*** = 103;

**private static final int *IMAGE\_CAMERA\_REQUEST*** = 87;

ArrayAdapter<CharSequence> **adapter**;

TextView **stateSelected**;

Bitmap **image**;

ImageView **chapterPic**;

String **imageBit**;

**int chapterID**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_edit\_chapter\_info***);

**chapterPic** = (ImageView)findViewById(R.id.***chapterPic***);

**FirstName** = (EditText)findViewById(R.id.***reg\_firstName***);

**LastName** = (EditText)findViewById(R.id.***reg\_lastName***);

**Email** = (EditText)findViewById(R.id.***reg\_email***);

**SchoolName** = (EditText)findViewById(R.id.***reg\_schoolName***);

**City** = (EditText)findViewById(R.id.***reg\_city***);

**ZipCode** = (EditText)findViewById(R.id.***reg\_zipCode***);

**StreetAddress** = (EditText)findViewById(R.id.***reg\_streetAddress***);

**Return** = (ImageButton)findViewById(R.id.***btnReturn***);

**Update** = (Button)findViewById(R.id.***btnUpdate***);

**spinner** = (Spinner)findViewById(R.id.***spinner***);

**adapter** = ArrayAdapter.*createFromResource*(**this**,R.array.***state\_abs***,android.R.layout.***simple\_spinner\_item***);

**adapter**.setDropDownViewResource(android.R.layout.***simple\_spinner\_dropdown\_item***);

**spinner**.setAdapter(**adapter**);

Intent intent = getIntent();

**chapterID** = intent.getIntExtra(**"chapterID"**, 0);

setTitle(**"Chapter ID: "**+**chapterID**);

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

*//String error\_msg = jsonResponse.getString("error\_msg");*

**if** (success) {

String state = jsonResponse.getString(**"state"**);

**FirstName**.setText(jsonResponse.getString(**"firstName"**));

**LastName**.setText(jsonResponse.getString(**"lastName"**));

**City**.setText(jsonResponse.getString(**"city"**));

**SchoolName**.setText(jsonResponse.getString(**"schoolName"**));

**StreetAddress**.setText(jsonResponse.getString(**"streetAddress"**));

**ZipCode**.setText(jsonResponse.getInt(**"zipCode"**)+**""**);

**Email**.setText(jsonResponse.getString(**"email"**));

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/chapters/"** +jsonResponse.getString(**"path"**),

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

**chapterPic**.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

Toast.*makeText*(EditChapterInfo.**this**, **"Chapter does not have profile picture."**, Toast.***LENGTH\_LONG***).show();

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.*getInstance*(EditChapterInfo.**this**).addToRequestQueue(request);

ArrayAdapter<CharSequence> adapter = ArrayAdapter.*createFromResource*(EditChapterInfo.**this**, R.array.***state\_abs***, android.R.layout.***simple\_spinner\_item***);

adapter.setDropDownViewResource(android.R.layout.***simple\_spinner\_dropdown\_item***);

**spinner**.setAdapter(adapter);

**if** (!state.equals(**null**)) {

**int** spinnerPosition = adapter.getPosition(state);

**spinner**.setSelection(spinnerPosition);

}

} **else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(EditChapterInfo.**this**);

builder.setMessage(**"Error in processing changes."**).setNegativeButton(**"Retry"**, **null**).create().show();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

ChapterSearchRequest searchRequest = **new** ChapterSearchRequest(**chapterID**, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(EditChapterInfo.**this**);

queue.add(searchRequest);

**Return**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

Intent goBack = **new** Intent(EditChapterInfo.**this**, ChapterMainPage.**class**);

goBack.putExtra(**"chapterID"**, **chapterID**);

startActivity(goBack);

finish();

}

});

**Update**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

**if**(**image** == **null**) {

**chapterPic**.buildDrawingCache();

Bitmap bmap = **chapterPic**.getDrawingCache();

**image** = bmap;

}

String firstName = **FirstName**.getText().toString();

String lastName = **LastName**.getText().toString();

String email = **Email**.getText().toString();

String schoolName = **SchoolName**.getText().toString();

String city = **City**.getText().toString();

**int** zipcode = Integer.*parseInt*(**ZipCode**.getText().toString());

String streetAddress = **StreetAddress**.getText().toString();

Response.Listener<String> responseListener2 = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

*//String error\_msg = jsonResponse.getString("error\_msg");*

**if** (success) {

Intent goHome = **new** Intent(EditChapterInfo.**this**, ChapterMainPage.**class**);

goHome.putExtra(**"chapterID"**, **chapterID**);

startActivity(goHome);

finish();

} **else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(EditChapterInfo.**this**);

builder.setMessage(**"Error in processing changes."**).setNegativeButton(**"Retry"**, **null**).create().show();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

**if**(checkAll(**chapterID**, email, firstName, lastName, schoolName, city, **state**, zipcode, streetAddress)) {

EditChapterRequest editRequest = **new** EditChapterRequest(**chapterID**, getStringImage(**image**), firstName, lastName, email, schoolName, city, **state**, zipcode, streetAddress, responseListener2);

RequestQueue queue = Volley.*newRequestQueue*(EditChapterInfo.**this**);

queue.add(editRequest);

} **else** {

Toast.*makeText*(EditChapterInfo.**this**, **"One or more fields was incorrect"**, Toast.***LENGTH\_LONG***).show();

}

}

});

**spinner**.setOnItemSelectedListener(**new** AdapterView.OnItemSelectedListener() {

@Override

**public void** onItemSelected(AdapterView<?> adapterView, View view, **int** i, **long** l) {

*//Toast.makeText(getBaseContext(),adapterView.getItemAtPosition(i)+" selected", Toast.LENGTH\_LONG).show();*

**state** = (String)adapterView.getItemAtPosition(i);

}

@Override

**public void** onNothingSelected(AdapterView<?> adapterView) {

Toast.*makeText*(EditChapterInfo.**this**, **"Nothing Selected"**, Toast.***LENGTH\_SHORT***).show();

}

});

}

**public void** onGallerySelected(View v) {

Intent photoPickerIntent = **new** Intent(Intent.***ACTION\_PICK***);

File pictureDirecory = Environment.*getExternalStoragePublicDirectory*(Environment.*DIRECTORY\_PICTURES*);

String pictureDirectoryPath = pictureDirecory.getPath();

Uri data = Uri.*parse*(pictureDirectoryPath);

photoPickerIntent.setDataAndType(data, **"image/\*"**);

startActivityForResult(photoPickerIntent, ***IMAGE\_GALLERY\_REQUEST***);

}

**public void** onCameraSelected(View v) {

Intent cameraIntent = **new** Intent(MediaStore.***ACTION\_IMAGE\_CAPTURE***);

startActivityForResult(cameraIntent,***IMAGE\_CAMERA\_REQUEST***);

}

@Override

**protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data) {

*//super.onActivityResult(requestCode, resultCode, data);*

**if**(resultCode==***RESULT\_OK***) {

*//If we are here, everything processed successfully*

**if**(requestCode==***IMAGE\_GALLERY\_REQUEST***) {

*//If we are here, we are hearing back from the image gallery*

Uri imageUri = data.getData();

*//Declare a stream to read the image data from the SD card*

InputStream inputStream;

**try** {

inputStream = getContentResolver().openInputStream(imageUri);

**image** = BitmapFactory.*decodeStream*(inputStream);

**image** = Bitmap.*createScaledBitmap*(**image**, 300, 300, **true**);

**chapterPic**.setImageBitmap(**image**);

**imageBit** = getStringImage(**image**);

} **catch** (FileNotFoundException e) {

e.printStackTrace();

Toast.*makeText*(**this**, **"Unable to open image"**, Toast.***LENGTH\_LONG***).show();

}

} **else if**(requestCode == ***IMAGE\_CAMERA\_REQUEST***) {

**image** = (Bitmap) data.getExtras().get(**"data"**);

**chapterPic**.setImageBitmap(**image**);

**imageBit** = getStringImage(**image**);

}

}

}

**public** String getStringImage(Bitmap bmp) {

ByteArrayOutputStream baos = **new** ByteArrayOutputStream();

bmp.compress(Bitmap.CompressFormat.***JPEG***, 100, baos);

**byte**[] imageBytes = baos.toByteArray();

String encodedImage = Base64.*encodeToString*(imageBytes, Base64.***DEFAULT***);

**return** encodedImage;

}

**public boolean** checkAll(**int** chapterID, String email, String firstName, String lastName, String schoolName, String city, String state, **int** zipCode, String streetAddress) {

**if**(zipCode < 10000 || zipCode > 99999) {

AlertDialog.Builder builder = **new** AlertDialog.Builder(EditChapterInfo.**this**);

builder.setMessage(**"Invalid zipcode."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(email.isEmpty() || firstName.isEmpty() || lastName.isEmpty() || schoolName.isEmpty() || city.isEmpty() || state.isEmpty() || streetAddress.isEmpty()) {

AlertDialog.Builder builder = **new** AlertDialog.Builder(EditChapterInfo.**this**);

builder.setMessage(**"Do not leave fields empty!"**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(email.length() == 0 || firstName.length() == 0 || lastName.length() == 0 || schoolName.length() == 0 || city.length() == 0 || state.length() != 2 || streetAddress.length() == 0) {

AlertDialog.Builder builder = **new** AlertDialog.Builder(EditChapterInfo.**this**);

builder.setMessage(**"Do not leave fields empty!"**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(state.equals(**"State"**)){

AlertDialog.Builder builder = **new** AlertDialog.Builder(EditChapterInfo.**this**);

builder.setMessage(**"Please select a state."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(!email.contains(**"@"**) || !email.contains(**"."**)) {

AlertDialog.Builder builder = **new** AlertDialog.Builder(EditChapterInfo.**this**);

builder.setMessage(**"Invalid email address."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**return true**;

}

}

EditChapterRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Other admin on 1/4/2017.*

*\*/*

**public class** EditChapterRequest **extends** StringRequest {

**private static final** String ***DONATE\_INFO\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/editChapterInfo.php"**;

**private** Map<String, String> **params**;

**public** EditChapterRequest(**int** chapterID, String encoded\_string, String firstName, String lastName, String email, String schoolName, String city, String state, **int** zipcode, String streetAddress, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATE\_INFO\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"chapterID"**, chapterID + **""**);

**params**.put(**"encoded\_string"**, encoded\_string);

**params**.put(**"firstName"**, firstName);

**params**.put(**"lastName"**, lastName);

**params**.put(**"email"**, email);

**params**.put(**"schoolName"**, schoolName);

**params**.put(**"city"**, city);

**params**.put(**"state"**, state);

**params**.put(**"zipcode"**, zipcode+**""**);

**params**.put(**"streetAddress"**, streetAddress);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

EditSaleInfo.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.graphics.BitmapFactory;

**import** android.net.Uri;

**import** android.os.Environment;

**import** android.provider.MediaStore;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.util.Base64;

**import** android.view.View;

**import** android.widget.AdapterView;

**import** android.widget.ArrayAdapter;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.ImageView;

**import** android.widget.Spinner;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.ByteArrayOutputStream;

**import** java.io.File;

**import** java.io.FileNotFoundException;

**import** java.io.InputStream;

**public class** EditSaleInfo **extends** AppCompatActivity {

ImageView **mImageView**;

EditText **nameET**, **priceET**, **descriptionET**;

Button **Edit**, **Return**, **Comment**;

String **path**, **firstName**, **lastName**, **name**, **condition1**, **category**, **description**, **imageBit**;

**double price**;

**public static final int *TAKE\_PICTURE*** = 103;

**public static final int *CHOOSE\_PICTURE*** = 87;

ArrayAdapter<CharSequence> **adapter**, **conditionAdapter**;

**private** Spinner **categoryET**, **condition1ET**;

**int chapterID**, **typeID**;

Bitmap **image**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_edit\_sale\_info***);

Intent intent = getIntent();

**chapterID** = intent.getIntExtra(**"chapterID"**, 0);

**typeID** = intent.getIntExtra(**"typeID"**, 0);

**Edit** = (Button)findViewById(R.id.***btnEdit***);

**nameET** = (EditText) findViewById(R.id.***nameET***);

**condition1ET** = (Spinner) findViewById(R.id.***condition1ET***);

**priceET** = (EditText) findViewById(R.id.***priceET***);

**descriptionET** = (EditText)findViewById(R.id.***descriptionET***);

**categoryET** = (Spinner)findViewById(R.id.***categoryET***);

**Return** = (Button)findViewById(R.id.***btnReturn***);

**Comment** = (Button)findViewById(R.id.***commentBtn***);

**conditionAdapter** = ArrayAdapter.*createFromResource*(**this**,R.array.***condition***,R.layout.***spinner\_condition***);

**conditionAdapter**.setDropDownViewResource(android.R.layout.***simple\_spinner\_dropdown\_item***);

**condition1ET**.setAdapter(**conditionAdapter**);

**categoryET**.setOnItemSelectedListener(**new** AdapterView.OnItemSelectedListener() {

@Override

**public void** onItemSelected(AdapterView<?> adapterView, View view, **int** i, **long** l) {

*//Toast.makeText(getBaseContext(),adapterView.getItemAtPosition(i)+" selected", Toast.LENGTH\_LONG).show();*

**category** = (String)adapterView.getItemAtPosition(i);

}

@Override

**public void** onNothingSelected(AdapterView<?> adapterView) {

Toast.*makeText*(EditSaleInfo.**this**, **"Nothing Selected"**, Toast.***LENGTH\_SHORT***).show();

}

});

**condition1ET**.setOnItemSelectedListener(**new** AdapterView.OnItemSelectedListener() {

@Override

**public void** onItemSelected(AdapterView<?> adapterView, View view, **int** i, **long** l) {

*//Toast.makeText(getBaseContext(),adapterView.getItemAtPosition(i)+" selected", Toast.LENGTH\_LONG).show();*

**condition1** = (String)adapterView.getItemAtPosition(i);

}

@Override

**public void** onNothingSelected(AdapterView<?> adapterView) {

Toast.*makeText*(EditSaleInfo.**this**, **"Nothing Selected"**, Toast.***LENGTH\_SHORT***).show();

}

});

**adapter** = ArrayAdapter.*createFromResource*(**this**,R.array.***categories***,R.layout.***spinner\_condition***);

**adapter**.setDropDownViewResource(android.R.layout.***simple\_spinner\_dropdown\_item***);

**categoryET**.setAdapter(**adapter**);

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if**(success){

**name** = jsonResponse.getString(**"name"**);

**condition1** = jsonResponse.getString(**"condition1"**);

**category** = jsonResponse.getString(**"category"**);

**price** = Double.*parseDouble*(jsonResponse.getString(**"price"**));

**description** = jsonResponse.getString(**"description"**);

**path** = jsonResponse.getString(**"path"**);

String url = **"http://fblays.a2hosted.com/images/"** + **path**;

**nameET**.setText(**name**);

**priceET**.setText(**price**+**""**);

**descriptionET**.setText(**description**);

**if** (!**condition1**.equals(**null**)) {

**int** spinnerPosition = conditionAdapter.getPosition(condition1);

condition1ET.setSelection(spinnerPosition);

}

**if** (!category.equals(**null**)) {

**int** spinnerPosition = adapter.getPosition(category);

categoryET.setSelection(spinnerPosition);

}

mImageView = (ImageView) findViewById(R.id.objectIV);

*// Retrieves an image specified by the URL, displays it in the UI.*

ImageRequest request = **new** ImageRequest(url,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

mImageView.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

Toast.makeText(EditSaleInfo.**this**, **"Sale does not have picture."**, Toast.LENGTH\_LONG).show();

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.getInstance(EditSaleInfo.**this**).addToRequestQueue(request);

}**else**{

AlertDialog.Builder builder = **new** AlertDialog.Builder(EditSaleInfo.**this**);

builder.setMessage(**"WHOOPS"**).setNegativeButton(**"Ok"**, **null**).create().show();

}

}

**catch** (JSONException e){

e.printStackTrace();

}

}

};

**final** FindSaleForEditRequest findSaleRequest = **new** FindSaleForEditRequest(typeID, responseListener);

RequestQueue queue = Volley.newRequestQueue(EditSaleInfo.**this**);

queue.add(findSaleRequest);

Comment.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Intent toComments = **new** Intent(EditSaleInfo.**this**, ViewComments.**class**);

toComments.putExtra(**"chapterID"**, chapterID);

toComments.putExtra(**"saleID"**, typeID);

startActivity(toComments);

}

});

Return.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

Intent goBack = **new** Intent(EditSaleInfo.**this**, ChapterMainPage.**class**);

goBack.putExtra(**"chapterID"**, chapterID);

startActivity(goBack);

finish();

}

});

Edit.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

price = Math.round(Double.parseDouble(priceET.getText().toString()) \* 100.0) / 100.0;

**if**(image == **null**) {

mImageView.buildDrawingCache();

Bitmap bmap = mImageView.getDrawingCache();

image = bmap;

}

name = nameET.getText().toString();

description = descriptionET.getText().toString();

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if** (success) {

Intent i = **new** Intent(EditSaleInfo.**this**, ChapterMainPage.**class**);

i.putExtra(**"chapterID"**, chapterID);

startActivity(i);

finish();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

UpdateSaleRequest updateSaleRequest = **new** UpdateSaleRequest(getStringImage(image), name, condition1, category, description, price, typeID, responseListener);

RequestQueue queue = Volley.newRequestQueue(EditSaleInfo.**this**);

queue.add(updateSaleRequest);

}

});

}

**public void** takePicture(View v) {

Intent cameraIntent = **new** Intent(MediaStore.ACTION\_IMAGE\_CAPTURE);

startActivityForResult(cameraIntent,TAKE\_PICTURE);

}

**public void** choosePicture(View v) {

Intent photoPickerIntent = **new** Intent(Intent.ACTION\_PICK);

File pictureDirecory = Environment.getExternalStoragePublicDirectory(Environment.DIRECTORY\_PICTURES);

String pictureDirectoryPath = pictureDirecory.getPath();

Uri data = Uri.parse(pictureDirectoryPath);

photoPickerIntent.setDataAndType(data, **"image/\*"**);

startActivityForResult(photoPickerIntent, CHOOSE\_PICTURE);

}

@Override

**protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data) {

*//super.onActivityResult(requestCode, resultCode, data);*

**if**(resultCode==RESULT\_OK) {

*//If we are here, everything processed successfully*

**if**(requestCode==CHOOSE\_PICTURE) {

*//If we are here, we are hearing back from the image gallery*

Uri imageUri = data.getData();

*//Declare a stream to read the image data from the SD card*

InputStream inputStream;

**try** {

inputStream = getContentResolver().openInputStream(imageUri);

image = BitmapFactory.decodeStream(inputStream);

image = Bitmap.createScaledBitmap(image, 300, 300, **true**);

mImageView.setImageBitmap(image);

imageBit = getStringImage(image);

} **catch** (FileNotFoundException e) {

e.printStackTrace();

Toast.makeText(**this**, **"Unable to open image"**, Toast.LENGTH\_LONG).show();

}

} **else if**(requestCode == TAKE\_PICTURE) {

image = (Bitmap) data.getExtras().get(**"data"**);

mImageView.setImageBitmap(image);

imageBit = getStringImage(image);

}

}

}

**public** String getStringImage(Bitmap bmp) {

ByteArrayOutputStream baos = **new** ByteArrayOutputStream();

bmp.compress(Bitmap.CompressFormat.JPEG, 100, baos);

**byte**[] imageBytes = baos.toByteArray();

String encodedImage = Base64.encodeToString(imageBytes, Base64.DEFAULT);

**return** encodedImage;

}

}

FeedFragment.java

**package** com.example.izzy.fblays2;

**import** android.\*;

**import** android.app.ProgressDialog;

**import** android.content.Context;

**import** android.content.DialogInterface;

**import** android.content.Intent;

**import** android.content.pm.PackageManager;

**import** android.icu.util.ULocale;

**import** android.location.Address;

**import** android.location.Geocoder;

**import** android.location.Location;

**import** android.location.LocationManager;

**import** android.net.Uri;

**import** android.os.Bundle;

**import** android.provider.Settings;

**import** android.support.v4.app.ActivityCompat;

**import** android.support.v4.app.Fragment;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.widget.RecyclerView;

**import** android.util.Log;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.AdapterView;

**import** android.widget.ArrayAdapter;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.Spinner;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.google.android.gms.common.ConnectionResult;

**import** com.google.android.gms.common.api.GoogleApiClient;

**import** com.google.android.gms.location.LocationRequest;

**import** com.google.android.gms.location.LocationServices;

**import** com.google.android.gms.maps.model.LatLng;

**import** org.w3c.dom.Text;

**import** java.io.IOException;

**import** java.text.DecimalFormat;

**import** java.util.List;

**public class** FeedFragment **extends** Fragment **implements** GoogleApiClient.ConnectionCallbacks, GoogleApiClient.OnConnectionFailedListener, com.google.android.gms.location.LocationListener{

String **category** = **"None"**;

**int userID**;

**private** Spinner **spinner**;

RecyclerView **recyclerView**;

ImageButton **Clothing**, **Appliance**, **Furniture**, **Toys**, **Electronics**, **Misc**;

BackgroundTaskFeed **backgroundTaskFeed**;

TextView **noneSelected**;

ProgressDialog **progressDialog**;

ArrayAdapter<CharSequence> **adapter**;

**int choice**;

**private static final** String ***TAG*** = **"MainActivity"**;

**private** GoogleApiClient **mGoogleApiClient**;

**private** Location **mLocation**;

**private** LocationManager **mLocationManager**;

**private** LocationRequest **mLocationRequest**;

**private** com.google.android.gms.location.LocationListener **listener**;

**private long UPDATE\_INTERVAL** = 2 \* 1000; */\* 10 secs \*/*

**private long FASTEST\_INTERVAL** = 2000; */\* 2 sec \*/*

**private** LocationManager **locationManager**;

**public** FeedFragment() {

*// Required empty public constructor*

}

@Override

**public void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

**mGoogleApiClient** = **new** GoogleApiClient.Builder(getContext())

.addConnectionCallbacks(**this**)

.addOnConnectionFailedListener(**this**)

.addApi(LocationServices.***API***)

.build();

**mLocationManager** = (LocationManager)getActivity().getSystemService(Context.***LOCATION\_SERVICE***);

checkLocation(); *//check whether location service is enable or not in your phone*

*//BackgroundTaskFeed backgroundTask = new BackgroundTaskFeed(getActivity(), category, userID);*

*//backgroundTask.execute();*

}

**public void** onConnected(Bundle bundle) {

**if** (ActivityCompat.*checkSelfPermission*(getContext(), android.Manifest.permission.***ACCESS\_FINE\_LOCATION***) != PackageManager.***PERMISSION\_GRANTED*** && ActivityCompat.*checkSelfPermission*(getContext(), android.Manifest.permission.***ACCESS\_COARSE\_LOCATION***) != PackageManager.***PERMISSION\_GRANTED***) {

**return**;

}

startLocationUpdates();

**mLocation** = LocationServices.***FusedLocationApi***.getLastLocation(**mGoogleApiClient**);

**if**(**mLocation** == **null**){

startLocationUpdates();

}

**if** (**mLocation** != **null**) {

} **else** {

Toast.*makeText*(getContext(), **"Location not Detected"**, Toast.***LENGTH\_SHORT***).show();

}

}

@Override

**public void** onConnectionSuspended(**int** i) {

Log.*i*(***TAG***, **"Connection Suspended"**);

**mGoogleApiClient**.connect();

}

@Override

**public void** onConnectionFailed(ConnectionResult connectionResult) {

Log.*i*(***TAG***, **"Connection failed. Error: "** + connectionResult.getErrorCode());

}

@Override

**public void** onStart() {

**super**.onStart();

**if** (**mGoogleApiClient** != **null**) {

**mGoogleApiClient**.connect();

}

}

@Override

**public void** onStop() {

**super**.onStop();

**if** (**mGoogleApiClient**.isConnected()) {

**mGoogleApiClient**.disconnect();

}

}

**protected void** startLocationUpdates() {

*// Create the location request*

**mLocationRequest** = LocationRequest.*create*()

.setPriority(LocationRequest.***PRIORITY\_HIGH\_ACCURACY***)

.setInterval(**UPDATE\_INTERVAL**)

.setFastestInterval(**FASTEST\_INTERVAL**);

*// Request location updates*

**if** (ActivityCompat.*checkSelfPermission*(getContext(), android.Manifest.permission.***ACCESS\_FINE\_LOCATION***) != PackageManager.***PERMISSION\_GRANTED*** && ActivityCompat.*checkSelfPermission*(getContext(), android.Manifest.permission.***ACCESS\_COARSE\_LOCATION***) != PackageManager.***PERMISSION\_GRANTED***) {

*//* ***TODO: Consider calling***

*// ActivityCompat#requestPermissions*

*// here to request the missing permissions, and then overriding*

*// public void onRequestPermissionsResult(int requestCode, String[] permissions,*

*// int[] grantResults)*

*// to handle the case where the user grants the permission. See the documentation*

*// for ActivityCompat#requestPermissions for more details.*

**return**;

}

LocationServices.***FusedLocationApi***.requestLocationUpdates(**mGoogleApiClient**,

**mLocationRequest**, **this**);

Log.*d*(**"reque"**, **"--->>>>"**);

}

@Override

**public void** onLocationChanged(Location location) {

String msg = **"Updated Location: "** +

Double.*toString*(location.getLatitude()) + **","** +

Double.*toString*(location.getLongitude());

*// You can now create a LatLng Object for use with maps*

LatLng latLng = **new** LatLng(location.getLatitude(), location.getLongitude());

}

**private boolean** checkLocation() {

**if**(!isLocationEnabled())

showAlert();

**return** isLocationEnabled();

}

**private void** showAlert() {

**final** AlertDialog.Builder dialog = **new** AlertDialog.Builder(getContext());

dialog.setTitle(**"Enable Location"**)

.setMessage(**"Your Locations Settings is set to 'Off'.\nPlease Enable Location to "** +

**"use this app"**)

.setPositiveButton(**"Location Settings"**, **new** DialogInterface.OnClickListener() {

@Override

**public void** onClick(DialogInterface paramDialogInterface, **int** paramInt) {

Intent myIntent = **new** Intent(Settings.***ACTION\_LOCATION\_SOURCE\_SETTINGS***);

startActivity(myIntent);

}

})

.setNegativeButton(**"Cancel"**, **new** DialogInterface.OnClickListener() {

@Override

**public void** onClick(DialogInterface paramDialogInterface, **int** paramInt) {

}

});

dialog.show();

}

**private boolean** isLocationEnabled() {

**locationManager** = (LocationManager) getActivity().getSystemService(Context.***LOCATION\_SERVICE***);

**return locationManager**.isProviderEnabled(LocationManager.***GPS\_PROVIDER***) ||

**locationManager**.isProviderEnabled(LocationManager.***NETWORK\_PROVIDER***);

}

@Override

**public** View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

View view = inflater.inflate(R.layout.***activity\_feed***, container, **false**);

**recyclerView** = (RecyclerView) view.findViewById(R.id.***recyclerViewFeed***);

**Appliance** = (ImageButton)view.findViewById(R.id.***appliancesBtn***);

**Clothing** = (ImageButton)view.findViewById(R.id.***ClothingBtn***);

**Toys** = (ImageButton)view.findViewById(R.id.***toysBtn***);

**Misc** = (ImageButton)view.findViewById(R.id.***miscBtn***);

**Furniture** = (ImageButton)view.findViewById(R.id.***furnitureBtn***);

**Electronics** = (ImageButton)view.findViewById(R.id.***electronicsBtn***);

**noneSelected** = (TextView)view.findViewById(R.id.***noneTXT***);

**spinner** = (Spinner)view.findViewById(R.id.***filterSpinner***);

**adapter** = ArrayAdapter.*createFromResource*(getContext(),R.array.***filters***,android.R.layout.***simple\_spinner\_item***);

**adapter**.setDropDownViewResource(android.R.layout.***simple\_spinner\_dropdown\_item***);

**spinner**.setAdapter(**adapter**);

**spinner**.setOnItemSelectedListener(**new** AdapterView.OnItemSelectedListener() {

@Override

**public void** onItemSelected(AdapterView<?> adapterView, View view, **int** i, **long** l) {

*//Toast.makeText(getBaseContext(),adapterView.getItemAtPosition(i)+" selected", Toast.LENGTH\_LONG).show();*

**choice** = i;

**if**(!**category**.equals(**"None"**)) {

callBT(**category**, **recyclerView**);

**noneSelected**.setVisibility(View.***INVISIBLE***);

}

}

@Override

**public void** onNothingSelected(AdapterView<?> adapterView) {

*//Toast.makeText(ChapterRegistration.this, "Nothing Selected", Toast.LENGTH\_SHORT).show();*

}

});

**Appliance**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**category** = **"Appliances"**;

callBT(**"Appliances"**, **recyclerView**);

**noneSelected**.setVisibility(View.***INVISIBLE***);

}

});

**Furniture**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**category** = **"Furniture"**;

callBT(**"Furniture"**, **recyclerView**);

**noneSelected**.setVisibility(View.***INVISIBLE***);

}

});

**Toys**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**category** = **"Toys"**;

callBT(**"Toys"**, **recyclerView**);

**noneSelected**.setVisibility(View.***INVISIBLE***);

}

});

**Clothing**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**category** = **"Clothing"**;

callBT(**"Clothing"**, **recyclerView**);

**noneSelected**.setVisibility(View.***INVISIBLE***);

}

});

**Misc**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**category** = **"Miscellaneous"**;

callBT(**"Miscellaneous"**, **recyclerView**);

**noneSelected**.setVisibility(View.***INVISIBLE***);

}

});

**Electronics**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**category** = **"Electronics"**;

callBT(**"Electronics"**, **recyclerView**);

**noneSelected**.setVisibility(View.***INVISIBLE***);

}

});

*// Inflate the layout for this fragment*

Intent intent = getActivity().getIntent();

**userID** = intent.getIntExtra(**"userID"**, 0);

**return** view;

}

**public void** callBT(String category, RecyclerView recyclerView){

**backgroundTaskFeed** = **new** BackgroundTaskFeed(getActivity(), category, **userID**, recyclerView, **choice**, **mLocation**.getLatitude(), **mLocation**.getLongitude());

**progressDialog** = **backgroundTaskFeed**.getProgressDialog();

**backgroundTaskFeed**.execute();

}

@Override

**public void** onDestroy()

{

**super**.onDestroy();

**if** (**progressDialog**!=**null** && **progressDialog**.isShowing()){

**progressDialog**.dismiss();

}

}

}

FeedItem.java

**package** com.example.izzy.fblays2;

**import** android.support.annotation.NonNull;

**import** java.util.Comparator;

*/\*\**

*\* Created by user on 1/29/2017.*

*\*/*

**public class** FeedItem **implements** Comparable{

String **description**, **condition1**, **category**, **path**, **name**;

**int id**, **chapterID**;

**double distance**;

**double price**;

**public** FeedItem(**int** id, String name, String condition1, String category, String description, **double** price, String path, **int** chapterID) {

**this**.**id** = id;

**this**.**name** = name;

**this**.**condition1** = condition1;

**this**.**category** = category;

**this**.**description** = description;

**this**.**price** = price;

**this**.**path** = path;

**this**.**chapterID** = chapterID;

}

**public** FeedItem(**int** id, String name, String condition1, String category, String description, **double** price, String path, **int** chapterID, **double** distance) {

**this**.**id** = id;

**this**.**name** = name;

**this**.**condition1** = condition1;

**this**.**category** = category;

**this**.**description** = description;

**this**.**price** = price;

**this**.**path** = path;

**this**.**chapterID** = chapterID;

**this**.**distance** = distance;

}

**public** String getDescription() {

**return description**;

}

**public void** setDescription(String description) {

**this**.**description** = description;

}

**public** String getCondition1() {

**return condition1**;

}

**public void** setCondition1(String condition1) {

**this**.**condition1** = condition1;

}

**public** String getCategory() {

**return category**;

}

**public void** setCategory(String category) {

**this**.**category** = category;

}

**public** String getPath() {

**return path**;

}

**public void** setPath(String path) {

**this**.**path** = path;

}

**public** String getName() {

**return name**;

}

**public void** setName(String name) {

**this**.**name** = name;

}

**public int** getId() {

**return id**;

}

**public void** setId(**int** id) {

**this**.**id** = id;

}

**public int** getChapterID() {

**return chapterID**;

}

**public void** setChapterID(**int** chapterID) {

**this**.**chapterID** = chapterID;

}

**public double** getPrice() {

**return price**;

}

**public void** setPrice(**double** price) {

**this**.**price** = price;

}

@Override

**public int** compareTo(@NonNull Object o) {

FeedItem other = (FeedItem)o;

**if**(**this**.**distance** > other.**distance**)

**return** 1;

**else if** (**this**.**distance** < other.**distance**)

**return** -1;

**else**

**return** 0;

}

}

FindDonationRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Other admin on 1/4/2017.*

*\*/*

**public class** FindDonationRequest **extends** StringRequest {

**private static final** String ***DONATE\_INFO\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/getDonationInfo.php"**;

**private** Map<String, String> **params**;

**public** FindDonationRequest(**int** typeID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATE\_INFO\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"typeID"**, typeID + **""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

FindSaleForEditRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Izzy on 1/18/2017.*

*\*/*

**public class** FindSaleForEditRequest **extends** StringRequest{

**private static final** String ***DONATION\_NAME\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/findSaleForEdit.php"**;

**private** Map<String, String> **params**;

**public** FindSaleForEditRequest(**int** typeID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATION\_NAME\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"typeID"**, typeID+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

FindSaleRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Izzy on 1/18/2017.*

*\*/*

**public class** FindSaleRequest **extends** StringRequest{

**private static final** String ***DONATION\_NAME\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/findSale.php"**;

**private** Map<String, String> **params**;

**public** FindSaleRequest(**int** typeID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATION\_NAME\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"typeID"**, typeID+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

GetUserInfoRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Izzy on 12/24/2016.*

*\*/*

**public class** GetUserInfoRequest **extends** StringRequest {

**private static final** String ***USER\_INFO\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/getUserInfo.php"**;

**private** Map<String, String> **params**;

**public** GetUserInfoRequest(**int** userID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***USER\_INFO\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"userID"**, userID + **""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

JoinChapter.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.util.ArrayList;

**import** java.util.Collections;

**public class** JoinChapter **extends** AppCompatActivity {

**private** TextView **schoolName**, **schoolEmail**, **schoolAddress**, **schoolCity**, **schoolState**, **schoolZip**;

**private** ImageView **schoolPic**;

**int userID**, **chapterID**;

RecyclerView **recyclerView**;

String **activity**;

String **state**;

Chapter **chapter**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_join\_chapter***);

**final** EditText etChapID = (EditText) findViewById(R.id.***searchET***);

**final** ImageButton searchBtn = (ImageButton) findViewById(R.id.***searchBtn***);

**final** Button joinBtn = (Button) findViewById(R.id.***joinBtn***);

Intent intent = getIntent();

**userID** = intent.getIntExtra(**"userID"**, 0);

**activity** = intent.getStringExtra(**"activity"**);

Response.Listener<String> responseListener2 = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse2 = **new** JSONObject(response);

**boolean** success2 = jsonResponse2.getBoolean(**"success"**);

**if**(success2){

**state** = jsonResponse2.getString(**"state"**);

}**else**{

**boolean** error = jsonResponse2.getBoolean(**"error"**);

**if**(error){

AlertDialog.Builder builder2 = **new** AlertDialog.Builder(JoinChapter.**this**);

builder2.setMessage(jsonResponse2.getString(**"error\_msg"**)).setNegativeButton(**"Ok"**, **null**).create().show();

}**else** {

AlertDialog.Builder builder2 = **new** AlertDialog.Builder(JoinChapter.**this**);

builder2.setMessage(**"Something went wrong."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

}

}

**catch** (JSONException e){

e.printStackTrace();

}

}

};

StateRequest stateRequest = **new** StateRequest(**userID**, responseListener2);

RequestQueue queue = Volley.*newRequestQueue*(JoinChapter.**this**);

queue.add(stateRequest);

**recyclerView** = (RecyclerView)findViewById(R.id.***recyclerView***);

BackgroundTaskNearestChapter backgroundTaskNearestChapter = **new** BackgroundTaskNearestChapter(JoinChapter.**this**, **state**, **userID**, **recyclerView**);

backgroundTaskNearestChapter.execute();

**schoolName** = (TextView)findViewById(R.id.***nameTV***);

**schoolEmail** = (TextView)findViewById(R.id.***emailTV***);

**schoolAddress** = (TextView)findViewById(R.id.***schoolAddressTV***);

**schoolCity** = (TextView)findViewById(R.id.***cityTV***);

**schoolZip** = (TextView)findViewById(R.id.***zipcodeTV***);

**schoolState** = (TextView) findViewById(R.id.***schoolStateTV***);

**schoolPic** = (ImageView)findViewById(R.id.***profilePicIV***);

searchBtn.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(**final** View view) {

**chapterID** = Integer.*parseInt*(etChapID.getText().toString());

**recyclerView**.setVisibility(View.***GONE***);

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if**(success){

**int** zipcode = Integer.parseInt(jsonResponse.getString(**"zipCode"**));

String city = jsonResponse.getString(**"city"**);

String state = jsonResponse.getString(**"state"**);

String email = jsonResponse.getString(**"email"**);

chapterID = jsonResponse.getInt(**"chapterID"**);

String name = jsonResponse.getString(**"schoolName"**);

String address = jsonResponse.getString(**"streetAddress"**);

String path = jsonResponse.getString(**"path"**);

*//chapter.setChapterID(chapterID);*

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/chapters/"** + path,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

schoolPic.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

Toast.makeText(JoinChapter.**this**, **"Chapter does not have profile picture."**, Toast.LENGTH\_LONG).show();

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.getInstance(JoinChapter.**this**).addToRequestQueue(request);

schoolName.setText(name);

schoolEmail.setText(email);

schoolAddress.setText(address);

schoolCity.setText(city + **","**);

schoolState.setText(state);

schoolZip.setText(zipcode + **""**);

setTitle(**"Chapter "** + chapterID);

schoolName.setVisibility(view.VISIBLE);

schoolEmail.setVisibility(view.VISIBLE);

schoolAddress.setVisibility(view.VISIBLE);

schoolCity.setVisibility(view.VISIBLE);

schoolState.setVisibility(view.VISIBLE);

schoolZip.setVisibility(view.VISIBLE);

schoolPic.setVisibility(view.VISIBLE);

joinBtn.setVisibility(view.VISIBLE);

joinBtn.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Response.Listener<String> responseListener2 = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse2 = **new** JSONObject(response);

**boolean** success2 = jsonResponse2.getBoolean(**"success"**);

**if**(success2){

Intent toHome = **new** Intent(JoinChapter.**this**, MainPage.**class**);

toHome.putExtra(**"chapterID"**, chapterID);

toHome.putExtra(**"userID"**, userID);

startActivity(toHome);

finish();

}**else**{

**boolean** error = jsonResponse2.getBoolean(**"error"**);

**if**(error){

AlertDialog.Builder builder2 = **new** AlertDialog.Builder(JoinChapter.**this**);

builder2.setMessage(jsonResponse2.getString(**"error\_msg"**)).setNegativeButton(**"Ok"**, **null**).create().show();

}**else** {

AlertDialog.Builder builder2 = **new** AlertDialog.Builder(JoinChapter.**this**);

builder2.setMessage(**"Something went wrong."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

}

}

**catch** (JSONException e){

e.printStackTrace();

}

}

};

ChapterJoinRequest joinRequest = **new** ChapterJoinRequest(chapterID, userID, responseListener2);

RequestQueue queue = Volley.newRequestQueue(JoinChapter.**this**);

queue.add(joinRequest);

}

});

}**else**{

AlertDialog.Builder builder = **new** AlertDialog.Builder(JoinChapter.**this**);

builder.setMessage(**"Chapter does not exist."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

}

**catch** (JSONException e){

e.printStackTrace();

}

}

};

ChapterSearchRequest searchRequest = **new** ChapterSearchRequest(chapterID, responseListener);

RequestQueue queue = Volley.newRequestQueue(JoinChapter.**this**);

queue.add(searchRequest);

}

});

}

}

KickUserRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Izzy on 12/13/2016.*

*\*/*

**public class** KickUserRequest **extends** StringRequest {

**private static final** String ***LOGIN\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/kickUser.php"**;

**private** Map<String, String> **params**;

**public** KickUserRequest(**int** userID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***LOGIN\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"userID"**, userID+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

LauncherScreen.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**public class** LauncherScreen **extends** AppCompatActivity {

Button **User**, **Chapter**;

**int id**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_launcher\_screen***);

**User** = (Button)findViewById(R.id.***btnUser***);

**Chapter** = (Button)findViewById(R.id.***btnChapter***);

**if**(SaveSharedPreference.*getUserName*(LauncherScreen.**this**).length() != 0)

{

**id** = Integer.*parseInt*(SaveSharedPreference.*getUserName*(LauncherScreen.**this**));

*//Toast.makeText(LauncherScreen.this, SaveSharedPreference.getUserName(LauncherScreen.this) + " " + SaveSharedPreference.getType(LauncherScreen.this) + " " + SaveSharedPreference.getChap(LauncherScreen.this), Toast.LENGTH\_LONG).show();*

**if**(SaveSharedPreference.*getType*(LauncherScreen.**this**).equals(**"user"**)) {

Intent toMain = **new** Intent(LauncherScreen.**this**, MainPage.**class**);

toMain.putExtra(**"userID"**, **id**);

toMain.putExtra(**"chapterID"**, Integer.*parseInt*(SaveSharedPreference.*getChap*(LauncherScreen.**this**)));

startActivity(toMain);

finish();

} **else if**(SaveSharedPreference.*getType*(LauncherScreen.**this**).equals(**"chap"**)){

Intent toChapMain = **new** Intent(LauncherScreen.**this**, ChapterMainPage.**class**);

toChapMain.putExtra(**"chapterID"**, **id**);

startActivity(toChapMain);

}

} **else** {

*// Toast.makeText(LauncherScreen.this, SaveSharedPreference.getUserName(LauncherScreen.this), Toast.LENGTH\_LONG).show();*

}

**Chapter**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

Intent toChapLogin = **new** Intent(LauncherScreen.**this**, ChapterLogin.**class**);

toChapLogin.putExtra(**"isChapter"**, **true**);

startActivity(toChapLogin);

}

});

**User**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

Intent toUserLogin = **new** Intent(LauncherScreen.**this**, LoginActivity.**class**);

toUserLogin.putExtra(**"isChapter"**, **false**);

startActivity(toUserLogin);

}

});

}

}

LeaveChapterRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Izzy on 1/18/2017.*

*\*/*

**public class** LeaveChapterRequest **extends** StringRequest{

**private static final** String ***LEAVE\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/leaveChapter.php"**;

**private** Map<String, String> **params**;

**public** LeaveChapterRequest(**int** typeID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***LEAVE\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"userID"**, typeID+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

LoginActivity.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**public class** LoginActivity **extends** AppCompatActivity {

**int chapterID**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_login***);

Button loginBtn = (Button) findViewById(R.id.***loginBtn***);

**final** EditText etPassword = (EditText) findViewById(R.id.***passwordETLogin***);

**final** EditText etEmail = (EditText) findViewById(R.id.***emailETLogin***);

**final** Button noLoginBtn = (Button) findViewById(R.id.***noLoginBtn***);

noLoginBtn.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Intent registerIntent = **new** Intent(LoginActivity.**this**, RegisterActivity.**class**);

LoginActivity.**this**.startActivity(registerIntent);

finish();

}

});

loginBtn.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

**final** String email = etEmail.getText().toString();

**final** String password = etPassword.getText().toString();

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if**(success){

String firstName = jsonResponse.getString(**"firstName"**);

String lastName = jsonResponse.getString(**"lastName"**);

String email = jsonResponse.getString(**"email"**);

String state = jsonResponse.getString(**"state"**);

String city = jsonResponse.getString(**"city"**);

Boolean isMember;

**int** zipcode = Integer.*parseInt*(jsonResponse.getString(**"zipcode"**));

**int** user\_id = Integer.*parseInt*(jsonResponse.getString(**"user\_id"**));

**chapterID** = Integer.*parseInt*(jsonResponse.getString(**"chapterID"**));

Intent intent = **new** Intent(LoginActivity.**this**, MainPage.**class**);

intent.putExtra(**"firstName"**, firstName);

intent.putExtra(**"lastName"**, lastName);

intent.putExtra(**"email"**, email);

intent.putExtra(**"state"**, state);

intent.putExtra(**"city"**, city);

intent.putExtra(**"userID"**, user\_id);

intent.putExtra(**"zipcode"**, zipcode);

intent.putExtra(**"chapterID"**, **chapterID**);

intent.putExtra(**"isChapter"**, **false**);

Integer user = user\_id;

Integer chapter = **chapterID**;

SaveSharedPreference.*setUserName*(LoginActivity.**this**, user.toString());

SaveSharedPreference.*setType*(LoginActivity.**this**, **"user"**);

SaveSharedPreference.*setChap*(LoginActivity.**this**, chapter.toString());

LoginActivity.**this**.startActivity(intent);

finish();

}**else**{

AlertDialog.Builder builder = **new** AlertDialog.Builder(LoginActivity.**this**);

builder.setMessage(**"Incorrect email or password"**).setNegativeButton(**"Ok"**, **null**).create().show();

}

}

**catch** (JSONException e){

e.printStackTrace();

}

}

};

LoginRequest loginRequest = **new** LoginRequest(email, password, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(LoginActivity.**this**);

queue.add(loginRequest);

}

});

}

}

LoginRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Izzy on 12/13/2016.*

*\*/*

**public class** LoginRequest **extends** StringRequest {

**private static final** String ***LOGIN\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/login2.php"**;

**private** Map<String, String> **params**;

**public** LoginRequest(String email, String password, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***LOGIN\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"email"**, email);

**params**.put(**"password"**, password);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

MainPage.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.support.design.widget.TabLayout;

**import** android.support.v4.app.Fragment;

**import** android.support.v4.app.FragmentManager;

**import** android.support.v4.app.FragmentPagerAdapter;

**import** android.support.v4.view.ViewPager;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.support.v7.widget.Toolbar;

**import** android.view.View;

**import** android.widget.Button;

**import** java.util.ArrayList;

**import** java.util.List;

**import static** android.R.attr.***key***;

**public class** MainPage **extends** AppCompatActivity {

**private** Toolbar toolbar;

**private** TabLayout tabLayout;

**private** ViewPager viewPager;

**private int**[] tabIcons = {

R.drawable.ic\_home,

R.drawable.ic\_search,

R.drawable.ic\_donate,

R.drawable.ic\_notification,

R.drawable.ic\_profile

};

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main\_page);

viewPager = (ViewPager) findViewById(R.id.viewpager);

setupViewPager(viewPager);

setTitle(**"FBLAYS"**);

tabLayout = (TabLayout) findViewById(R.id.tabs);

tabLayout.setupWithViewPager(viewPager);

setupTabIcons();

}

**private void** setupTabIcons() {

tabLayout.getTabAt(0).setIcon(tabIcons[0]);

tabLayout.getTabAt(1).setIcon(tabIcons[1]);

tabLayout.getTabAt(2).setIcon(tabIcons[2]);

tabLayout.getTabAt(3).setIcon(tabIcons[3]);

tabLayout.getTabAt(4).setIcon(tabIcons[4]);

}

**private void** setupViewPager(ViewPager viewPager) {

ViewPagerAdapter adapter = **new** ViewPagerAdapter(getSupportFragmentManager());

adapter.addFragment(**new** UserHomeFragment(), **"Main"**);

adapter.addFragment(**new** FeedFragment(), **"Search"**);

adapter.addFragment(**new** DonateFragment(), **"Donate"**);

adapter.addFragment(**new** NotificationFragment(), **"Notif."**);

adapter.addFragment(**new** UserProfileFragment(), **"Profile"**);

viewPager.setAdapter(adapter);

}

**class** ViewPagerAdapter **extends** FragmentPagerAdapter {

**private final** List<Fragment> mFragmentList = **new** ArrayList<>();

**private final** List<String> mFragmentTitleList = **new** ArrayList<>();

**public** ViewPagerAdapter(FragmentManager manager) {

**super**(manager);

}

@Override

**public** Fragment getItem(**int** position) {

**return** mFragmentList.get(position);

}

@Override

**public int** getCount() {

**return** mFragmentList.size();

}

**public void** addFragment(Fragment fragment, String title) {

mFragmentList.add(fragment);

mFragmentTitleList.add(title);

}

@Override

**public** CharSequence getPageTitle(**int** position) {

**return null**;

}

}

}

MySingleton.java

**package** com.example.izzy.fblays2;

**import** android.content.Context;

**import** android.graphics.Bitmap;

**import** android.util.LruCache;

**import** com.android.volley.Request;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.toolbox.ImageLoader;

**import** com.android.volley.toolbox.Volley;

*/\*\**

*\* Created by Other admin on 1/23/2017.*

*\*/*

**public class** MySingleton {

**private static** MySingleton *mInstance*;

**private** RequestQueue **mRequestQueue**;

**private** ImageLoader **mImageLoader**;

**private static** Context *mCtx*;

**private** MySingleton(Context context) {

*mCtx* = context;

**mRequestQueue** = getRequestQueue();

**mImageLoader** = **new** ImageLoader(**mRequestQueue**,

**new** ImageLoader.ImageCache() {

**private final** LruCache<String, Bitmap>

**cache** = **new** LruCache<String, Bitmap>(20);

@Override

**public** Bitmap getBitmap(String url) {

**return cache**.get(url);

}

@Override

**public void** putBitmap(String url, Bitmap bitmap) {

**cache**.put(url, bitmap);

}

});

}

**public static synchronized** MySingleton getInstance(Context context) {

**if** (*mInstance* == **null**) {

*mInstance* = **new** MySingleton(context);

}

**return** *mInstance*;

}

**public** RequestQueue getRequestQueue() {

**if** (**mRequestQueue** == **null**) {

*// getApplicationContext() is key, it keeps you from leaking the*

*// Activity or BroadcastReceiver if someone passes one in.*

**mRequestQueue** = Volley.*newRequestQueue*(*mCtx*.getApplicationContext());

}

**return mRequestQueue**;

}

**public** <T> **void** addToRequestQueue(Request<T> req) {

getRequestQueue().add(req);

}

**public** ImageLoader getImageLoader() {

**return mImageLoader**;

}

}

Notification.java

**package** com.example.izzy.fblays2;

*/\*\**

*\* Created by user on 1/12/2017.*

*\*/*

**public class** Notification {

**private int id**, **chapterID**, **userID**, **typeID**;

**private** String **type**, **firstName**, **lastName**, **name**;

**public** Notification(**int** id, **int** chapterID, String type, **int** userID, **int** typeID, String firstName, String lastName, String name) {

**this**.**id** = id;

**this**.**chapterID** = chapterID;

**this**.**type** = type;

**this**.**userID** = userID;

**this**.**typeID** = typeID;

**this**.**firstName** = firstName;

**this**.**lastName** = lastName;

**this**.**name** = name;

}

**public int** getId() {

**return id**;

}

**public void** setId(**int** id) {

**this**.**id** = id;

}

**public int** getChapterID() {

**return chapterID**;

}

**public void** setChapterID(**int** chapterID) {

**this**.**chapterID** = chapterID;

}

**public int** getUserID() {

**return userID**;

}

**public void** setUserID(**int** userID) {

**this**.**userID** = userID;

}

**public int** getTypeID() {

**return typeID**;

}

**public void** setTypeID(**int** typeID) {

**this**.**typeID** = typeID;

}

**public** String getType() {

**return type**;

}

**public void** setType(String type) {

**this**.**type** = type;

}

**public** String getFirstName() {

**return firstName**;

}

**public void** setFirstName(String firstName) {

**this**.**firstName** = firstName;

}

**public** String getLastName() {

**return lastName**;

}

**public void** setLastName(String lastName) {

**this**.**lastName** = lastName;

}

**public** String getName() {

**return name**;

}

**public void** setName(String name) {

**this**.**name** = name;

}

}

NotificationFragment.java

**package** com.example.izzy.fblays2;

**import** android.app.ProgressDialog;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.net.Uri;

**import** android.os.Bundle;

**import** android.support.v4.app.Fragment;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**public class** NotificationFragment **extends** Fragment {

**int userID**, **chapterID**;

BackgroundTaskUser **backgroundTaskUser**;

ProgressDialog **progressDialog**;

**public** NotificationFragment() {

*// Required empty public constructor*

}

@Override

**public void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

}

@Override

**public** View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

*// Inflate the layout for this fragment*

View view = inflater.inflate(R.layout.***activity\_user\_notification\_list***, container, **false**);

RecyclerView recyclerView = (RecyclerView) view.findViewById(R.id.***recyclerView***);

Intent intent = getActivity().getIntent();

**userID** = intent.getIntExtra(**"userID"**, 0);

**chapterID** = intent.getIntExtra(**"chapterID"**, 0);

*//BackgroundTaskUser backgroundTask = new BackgroundTaskUser(getActivity(), userID, recyclerView);*

*//backgroundTask.execute();*

callBT(**userID**, **chapterID**, recyclerView);

**return** view;

}

**public void** callBT(**int** userID, **int** chapterID, RecyclerView recyclerView){

**backgroundTaskUser** = **new** BackgroundTaskUser(getActivity(), userID, chapterID, recyclerView);

**progressDialog** = **backgroundTaskUser**.getProgressDialog();

**backgroundTaskUser**.execute();

**if**(**progressDialog**!=**null** && !**progressDialog**.isShowing()) {

**progressDialog**.show();

}

}

@Override

**public void** onDestroy()

{

**super**.onDestroy();

**if** (**progressDialog**!=**null** && **progressDialog**.isShowing()){

**progressDialog**.dismiss();

}

}

}

Profile.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** com.android.volley.Response;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**public class** Profile **extends** AppCompatActivity {

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_profile***);

Intent intent = getIntent();

**int** chapterID = intent.getIntExtra(**"chapterID"**, 0);

*//BackgroundTaskProf backgroundTask = new BackgroundTaskProf(Profile.this, chapterID);*

*//backgroundTask.execute();*

}

}

PurchaseItem.java

**package** com.example.izzy.fblays2;

**import** android.app.ProgressDialog;

**import** android.content.DialogInterface;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.media.Image;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.text.DecimalFormat;

**import** java.text.NumberFormat;

**public class** PurchaseItem **extends** AppCompatActivity {

TextView **Condition1**, **Price**, **Category**, **Description**;

ImageButton **Purchase**, **Comment**, **Return**, **Map**;

ImageView **imageView**;

**int id**;

**int chapterID**;

**int userID**;

String **name**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_purchase\_item***);

Intent intent = getIntent();

**name** = intent.getStringExtra(**"name"**);

String description = intent.getStringExtra(**"description"**);

String category = intent.getStringExtra(**"category"**);

String condition1 = intent.getStringExtra(**"condition1"**);

String path = intent.getStringExtra(**"path"**);

**id** = intent.getIntExtra(**"id"**, 0);

**chapterID** = intent.getIntExtra(**"chapterID"**, 0);

**double** price = intent.getDoubleExtra(**"price"**, 0);

**userID** = intent.getIntExtra(**"userID"**, 0);

**Return** = (ImageButton)findViewById(R.id.***btnReturn***);

**Condition1** = (TextView)findViewById(R.id.***txtCondition1***);

**Category** = (TextView)findViewById(R.id.***txtCategory***);

**Price** = (TextView)findViewById(R.id.***txtPrice***);

**Description** = (TextView)findViewById(R.id.***txtDescription***);

**imageView** = (ImageView)findViewById(R.id.***purchaseImage***);

**Purchase** = (ImageButton)findViewById(R.id.***purchase***);

**Comment** = (ImageButton)findViewById(R.id.***commentBtn***);

**Map** = (ImageButton)findViewById(R.id.***btnMap***);

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/"** +path,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

**imageView**.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

Toast.*makeText*(PurchaseItem.**this**, **"Unable to retrieve item image."**, Toast.***LENGTH\_LONG***).show();

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.*getInstance*(PurchaseItem.**this**).addToRequestQueue(request);

**Condition1**.setText(condition1);

NumberFormat formatter = **new** DecimalFormat(**"#.00"**);

**Category**.setText(category);

**Price**.setText(**"$"**+formatter.format(price)+**""**);

Description.setText(description);

setTitle(name);

Map.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Intent goBack = **new** Intent(PurchaseItem.**this**, ChapterProfile.**class**);

goBack.putExtra(**"userID"**, userID);

goBack.putExtra(**"chapterID"**, chapterID);

startActivity(goBack);

finish();

}

});

Return.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Intent goBack = **new** Intent(PurchaseItem.**this**, MainPage.**class**);

goBack.putExtra(**"userID"**, userID);

goBack.putExtra(**"chapterID"**, chapterID);

startActivity(goBack);

finish();

}

});

Comment.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

Intent toComment = **new** Intent(PurchaseItem.**this**, ViewComments.**class**);

toComment.putExtra(**"userID"**, userID);

toComment.putExtra(**"saleID"**, id);

toComment.putExtra(**"chapterID"**, chapterID);

startActivity(toComment);

}

});

Purchase.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

AlertDialog.Builder builder;

builder = **new** AlertDialog.Builder(PurchaseItem.**this**);

builder.setMessage(**"Would you like to purchase "** + name + **"?"**);

builder.setPositiveButton(**"No"**, **null**);

builder.setNegativeButton(**"Yes"**, **new** DialogInterface.OnClickListener() {

@Override

**public void** onClick(DialogInterface dialogInterface, **int** i) {

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if** (success) {

Toast.makeText(PurchaseItem.**this**, **"You have purchased "** + name, Toast.LENGTH\_LONG).show();

Intent shippingInfo = **new** Intent(PurchaseItem.**this**, PurchaseItemComplete.**class**);

shippingInfo.putExtra(**"chapterID"**, chapterID);

shippingInfo.putExtra(**"userID"**, userID);

startActivity(shippingInfo);

finish();

} **else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(PurchaseItem.**this**);

builder.setMessage(**"Unable to purchase item."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

PurchaseRequest purchaseRequest = **new** PurchaseRequest(id, chapterID, userID, responseListener);

RequestQueue queue = Volley.newRequestQueue(PurchaseItem.**this**);

queue.add(purchaseRequest);

}

});

builder.create().show();

}

});

}

}

PurchaseItemComplete.java

**package** com.example.izzy.fblays2;

**import** android.Manifest;

**import** android.content.Intent;

**import** android.content.pm.PackageManager;

**import** android.graphics.Bitmap;

**import** android.location.Address;

**import** android.location.Geocoder;

**import** android.os.Bundle;

**import** android.support.v4.content.ContextCompat;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.app.AppCompatActivity;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** com.google.android.gms.maps.CameraUpdateFactory;

**import** com.google.android.gms.maps.GoogleMap;

**import** com.google.android.gms.maps.OnMapReadyCallback;

**import** com.google.android.gms.maps.SupportMapFragment;

**import** com.google.android.gms.maps.model.LatLng;

**import** com.google.android.gms.maps.model.MarkerOptions;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** org.w3c.dom.Text;

**import** java.io.IOException;

**import** java.util.List;

**public class** PurchaseItemComplete **extends** AppCompatActivity{

**private** TextView **schoolName**, **schoolEmail**, **schoolAddress**, **schoolCity**,**schoolZip**, **purchaseInfo**;

**private** ImageView **schoolPic**;

**private** ImageButton **Return**;

**int chapterID**, **userID**;

**private int zipcode**;

**private** String **name**, **address**, **city**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_purchase\_item\_complete***);

**purchaseInfo** = (TextView)findViewById(R.id.***purchaseInfo***);

**schoolName** = (TextView)findViewById(R.id.***nameTV***);

**schoolEmail** = (TextView)findViewById(R.id.***emailTV***);

**schoolAddress** = (TextView)findViewById(R.id.***schoolAddressTV***);

**schoolCity** = (TextView)findViewById(R.id.***cityTV***);

**schoolZip** = (TextView)findViewById(R.id.***zipcodeTV***);

**schoolPic** = (ImageView)findViewById(R.id.***profilePicIV***);

**Return** = (ImageButton)findViewById(R.id.***btnReturn***);

Intent getInfo = getIntent();

**chapterID** = getInfo.getIntExtra(**"chapterID"**, 0);

**userID** = getInfo.getIntExtra(**"userID"**, 0);

**Return**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

Intent goHome = **new** Intent(PurchaseItemComplete.**this**, MainPage.**class**);

goHome.putExtra(**"userID"**, **userID**);

goHome.putExtra(**"chapterID"**, **chapterID**);

startActivity(goHome);

finish();

}

});

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if**(success) {

**zipcode** = Integer.*parseInt*(jsonResponse.getString(**"zipCode"**));

**city** = jsonResponse.getString(**"city"**);

String state = jsonResponse.getString(**"state"**);

String email = jsonResponse.getString(**"email"**);

**int** chapterID = jsonResponse.getInt(**"chapterID"**);

String name = jsonResponse.getString(**"schoolName"**);

address = jsonResponse.getString(**"streetAddress"**);

String path = jsonResponse.getString(**"path"**);

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/chapters/"** + path,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

schoolPic.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

Toast.makeText(PurchaseItemComplete.**this**, **"Chapter does not have profile picture."**, Toast.LENGTH\_LONG).show();

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.getInstance(PurchaseItemComplete.**this**).addToRequestQueue(request);

schoolName.setText(name);

schoolEmail.setText(email);

schoolAddress.setText(address);

schoolCity.setText(city + **", "** + state);

schoolZip.setText(zipcode + **""**);

setTitle(**"Chapter "** + chapterID);

} **else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(PurchaseItemComplete.**this**);

builder.setMessage(**"Unable to find chapter."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

ChapterSearchRequest searchRequest = **new** ChapterSearchRequest(chapterID, responseListener);

RequestQueue queue = Volley.newRequestQueue(PurchaseItemComplete.**this**);

queue.add(searchRequest);

}

}

PurchaseNameRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Izzy on 1/18/2017.*

*\*/*

**public class** PurchaseNameRequest **extends** StringRequest{

**private static final** String ***DONATION\_NAME\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/getNameAndPurchase.php"**;

**private** Map<String, String> **params**;

**public** PurchaseNameRequest(**int** userID, **int** typeID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATION\_NAME\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"userID"**, userID+**""**);

**params**.put(**"typeID"**, typeID+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

PurchaseRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by user on 1/29/2017.*

*\*/*

**public class** PurchaseRequest **extends** StringRequest {

**private static final** String ***PURCHASE\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/purchase.php"**;

**private** Map<String, String> **params**;

**public** PurchaseRequest(**int** id, **int** chapterID, **int** userID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***PURCHASE\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"saleID"**, id+**""**);

**params**.put(**"chapterID"**, chapterID+**""**);

**params**.put(**"userID"**, userID+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

ReceiveDonationRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Other admin on 1/4/2017.*

*\*/*

**public class** ReceiveDonationRequest **extends** StringRequest {

**private static final** String ***DONATE\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/receiveDonation.php"**;

**private** Map<String, String> **params**;

**public** ReceiveDonationRequest(**int** id, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATE\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"id"**, id+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

RecyclerAdapter.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.ImageButton;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.util.ArrayList;

*/\*\**

*\* Created by user on 1/16/2017.*

*\*/*

**public class** RecyclerAdapter **extends** RecyclerView.Adapter<RecyclerAdapter.RecyclerViewHolder>{

**private static final int *TYPE\_HEAD*** = 0;

**private static final int *TYPE\_LIST*** = 1;

Context **context**;

RequestQueue **queue**;

**static** ArrayList<Notification> *arrayList* = **new** ArrayList<>();

**public** RecyclerAdapter(ArrayList<Notification> arrayList, Context context) {

**this**.*arrayList* = arrayList;

**this**.**context** = context;

**queue** = Volley.*newRequestQueue*(context);

}

@Override

**public** RecyclerViewHolder onCreateViewHolder(ViewGroup parent, **int** viewType) {

**if**(viewType == ***TYPE\_HEAD***){

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***header\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType);

**return** recyclerViewHolder;

}

**else if** (viewType == ***TYPE\_LIST***) {

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***notification\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType);

**return** recyclerViewHolder;

}

**return null**;

}

@Override

**public void** onBindViewHolder(**final** RecyclerViewHolder holder, **int** position) {

**if**(holder.**viewType** == ***TYPE\_LIST***) {

Notification notification = *arrayList*.get(position-1);

**if**(notification == **null**) {

holder.**txtMessage**.setText(**"You have no notifications"**);

holder.**btnCheck**.setVisibility(View.***INVISIBLE***);

} **else**

**if**(notification.getType().equals(**"donation"**)) {

String firstName = notification.getFirstName();

String lastName = notification.getLastName();

String name = notification.getName();

holder.**btnCheck**.setVisibility(View.***VISIBLE***);

holder.**txtMessage**.setText(firstName + **" "** + lastName+ **" has donated "** + name);

*//holder.txtMessage.setText("");*

} **else if**(notification.getType().equals(**"purchase"**)) {

String firstName = notification.getFirstName();

String lastName = notification.getLastName();

String name = notification.getName();

holder.**txtMessage**.setText(firstName + **" "** + lastName+ **" has purchased "** + name);

holder.**btnCheck**.setVisibility(View.***INVISIBLE***);

} **else if**(notification.getType().equals(**"comment"**)) {

String firstName = notification.getFirstName();

String lastName = notification.getLastName();

holder.**btnCheck**.setVisibility(View.***VISIBLE***);

String name = notification.getName();

holder.**txtMessage**.setText(firstName + **" "** + lastName+ **" has left a comment on "** + name);

}

*//holder.txtMessage.setText(Integer.toString(notification.getChapterID()));*

*//holder.btnCheck.setText(Integer.toString(getAdapterPosition()));*

*//holder.txtUserID.setText(Integer.toString(notification.getUserID()));*

}

}

@Override

**public int** getItemCount() {

**return** *arrayList*.size()+1;

}

**public static class** RecyclerViewHolder **extends** RecyclerView.ViewHolder **implements** View.OnClickListener{

TextView **txtMessage**;

ImageButton **btnCheck**;

**private** Context **context**;

**int viewType**;

**public** RecyclerViewHolder(View view, **int** viewType) {

**super**(view);

**if** (viewType == ***TYPE\_LIST***) {

**txtMessage** = (TextView) view.findViewById(R.id.***notifMessage***);

**btnCheck** = (ImageButton) view.findViewById(R.id.***notifButton***);

**this**.**viewType** = ***TYPE\_LIST***;

**context**=view.getContext();

**btnCheck**.setOnClickListener(**this**);

} **else if** (viewType == ***TYPE\_HEAD***) {

**this**.**viewType** = ***TYPE\_HEAD***;

}

}

@Override

**public void** onClick(View view) {

Notification tempNot = *arrayList*.get(getAdapterPosition()-1);

**if**(tempNot.getType().equals(**"donation"**)) {

Toast.*makeText*(**context**, **"Chapter does not have profile picture."**, Toast.***LENGTH\_LONG***).show();

Intent intent2 = **new** Intent(**context**, ConfirmDonation.**class**);

intent2.putExtra(**"id"**, tempNot.getId());

intent2.putExtra(**"chapterID"**, tempNot.getChapterID());

intent2.putExtra(**"type"**, tempNot.getType());

intent2.putExtra(**"userID"**, tempNot.getUserID());

intent2.putExtra(**"typeID"**, tempNot.getTypeID());

**context**.startActivity(intent2);

((Activity)**context**).finish();

} **else if**(tempNot.getType().equals(**"purchase"**)) {

((Activity)**context**).finish();

} **else if**(tempNot.getType().equals(**"comment"**)) {

**int** saleID = tempNot.getTypeID();

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse2 = **new** JSONObject(response);

**boolean** success2 = jsonResponse2.getBoolean(**"success"**);

**if** (success2) {

} **else** {

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

RemoveCommentNotifRequest uploadRequest = **new** RemoveCommentNotifRequest(saleID, tempNot.getChapterID(), responseListener);

RequestQueue queue = Volley.*newRequestQueue*(**context**);

uploadRequest.setShouldCache(**false**);

queue.add(uploadRequest);

Intent intent4 = **new** Intent(**context**, ViewComments.**class**);

intent4.putExtra(**"saleID"**, saleID);

intent4.putExtra(**"chapterID"**, tempNot.getChapterID());

**context**.startActivity(intent4);

}

}

}

@Override

**public int** getItemViewType(**int** position) {

**if**(position == 0) {

**return *TYPE\_HEAD***;

}

**return *TYPE\_LIST***;

}

}

RecyclerAdapterActualFeed.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.location.Address;

**import** android.location.Geocoder;

**import** android.location.Location;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.TextView;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.IOException;

**import** java.text.DecimalFormat;

**import** java.text.NumberFormat;

**import** java.util.ArrayList;

**import** java.util.List;

**import static** android.R.attr.***visible***;

*/\*\**

*\* Created by user on 1/16/2017.*

*\*/*

**public class** RecyclerAdapterActualFeed **extends** RecyclerView.Adapter<RecyclerAdapterActualFeed.RecyclerViewHolder> {

**private static final int *TYPE\_HEAD*** = 0;

**private static final int *TYPE\_LIST*** = 1;

Context **context**;

**static** ArrayList<FeedItem> *arrayList* = **new** ArrayList<>();

**static int** *userID*;

**double latitude**, **longitude**;

**public** RecyclerAdapterActualFeed(ArrayList<FeedItem> arrayList, Context context, **int** userID, **double** latitude, **double** longitude) {

**this**.*arrayList* = arrayList;

**this**.**context** = context;

**this**.*userID* = userID;

**this**.**latitude** = latitude;

**this**.**longitude** = longitude;

}

@Override

**public** RecyclerViewHolder onCreateViewHolder(ViewGroup parent, **int** viewType) {

**if** (viewType == ***TYPE\_HEAD***) {

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***header\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType);

**return** recyclerViewHolder;

} **else if** (viewType == ***TYPE\_LIST***) {

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***feed\_item\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType);

**return** recyclerViewHolder;

}

**return null**;

}

@Override

**public void** onBindViewHolder(**final** RecyclerViewHolder holder, **int** position) {

**if**(holder.**viewType** == ***TYPE\_LIST***) {

FeedItem feedItem = *arrayList*.get(position-1);

**if**(feedItem == **null**) {

holder.**Name**.setText(**"There are currently no sales for this category"**);

holder.**ViewItem**.setVisibility(View.***INVISIBLE***);

holder.**Condition1**.setVisibility(View.***INVISIBLE***);

holder.**Price**.setVisibility(View.***INVISIBLE***);

holder.**imageView**.setVisibility(View.***INVISIBLE***);

} **else**

{

**int** id = feedItem.getId();

String name = feedItem.getName();

String path = feedItem.getPath();

String description = feedItem.getDescription();

String category = feedItem.getCategory();

String condition1 = feedItem.getCondition1();

**double** price = feedItem.getPrice();

**int** chapterID = feedItem.getChapterID();

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/"** +path,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

holder.**imageView**.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

*//Toast.makeText(context, "BAD", Toast.LENGTH\_LONG).show();*

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.*getInstance*(**context**).addToRequestQueue(request);

NumberFormat formatter = **new** DecimalFormat(**"#.00"**);

holder.**Name**.setText(name);

*//holder.Description.setText(description);*

holder.**Condition1**.setText(condition1);

holder.**Price**.setText(**"$"**+formatter.format(price)+**""**);

holder.**Distance**.setText(formatter.format(feedItem.**distance**));

holder.**Miles**.setText(**"mi"**);

*// holder.Category.setText(category+"");*

}

}

}

@Override

**public int** getItemCount() {

**return** *arrayList*.size()+1;

}

**public static class** RecyclerViewHolder **extends** RecyclerView.ViewHolder **implements** View.OnClickListener{

TextView **Name**, **Price**, **Condition1**, **Category**, **Description**, **Distance**, **Miles**;

ImageButton **ViewItem**;

ImageView **imageView**;

**private** Context **context**;

**int viewType**;

**public** RecyclerViewHolder(View view, **int** viewType) {

**super**(view);

**if** (viewType == ***TYPE\_LIST***) {

**Name** = (TextView)view.findViewById(R.id.***txtName***);

**Price** = (TextView)view.findViewById(R.id.***txtPrice***);

**Condition1** = (TextView)view.findViewById(R.id.***txtCondition1***);

**Category** = (TextView)view.findViewById(R.id.***txtCategory***);

**Description** = (TextView)view.findViewById(R.id.***txtDescription***);

**ViewItem** = (ImageButton) view.findViewById(R.id.***btnViewItem***);

**imageView** = (ImageView)view.findViewById(R.id.***imageView***);

**Distance** = (TextView)view.findViewById(R.id.***distance***);

**Miles** = (TextView)view.findViewById(R.id.***miles***);

**this**.**viewType** = ***TYPE\_LIST***;

**context**=view.getContext();

**ViewItem**.setOnClickListener(**this**);

} **else if** (viewType == ***TYPE\_HEAD***) {

**this**.**viewType** = ***TYPE\_HEAD***;

}

}

@Override

**public void** onClick(View view) {

FeedItem tempNot = *arrayList*.get(getAdapterPosition()-1);

Intent intent2 = **new** Intent(**context**, PurchaseItem.**class**);

intent2.putExtra(**"id"**, tempNot.getId());

intent2.putExtra(**"chapterID"**, tempNot.getChapterID());

intent2.putExtra(**"description"**, tempNot.getDescription());

intent2.putExtra(**"category"**, tempNot.getCategory());

intent2.putExtra(**"condition1"**, tempNot.getCondition1());

intent2.putExtra(**"name"**, tempNot.getName());

intent2.putExtra(**"price"**, tempNot.getPrice());

intent2.putExtra(**"path"**, tempNot.getPath());

intent2.putExtra(**"userID"**, *userID*);

**context**.startActivity(intent2);

}

}

@Override

**public int** getItemViewType(**int** position) {

**if**(position == 0) {

**return *TYPE\_HEAD***;

}

**return *TYPE\_LIST***;

}

}

RecyclerAdapterComment.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.TextView;

**import** java.util.ArrayList;

**import** java.util.Collections;

**import static** android.R.attr.***visible***;

*/\*\**

*\* Created by user on 1/16/2017.*

*\*/*

**public class** RecyclerAdapterComment **extends** RecyclerView.Adapter<RecyclerAdapterComment.RecyclerViewHolder>{

**private static final int *TYPE\_HEAD*** = 0;

**private static final int *TYPE\_LIST*** = 1;

Context **context**;

**static** ArrayList<Comment> *arrayList* = **new** ArrayList<>();

**public** RecyclerAdapterComment(ArrayList<Comment> arrayList, Context context) {

**this**.*arrayList* = arrayList;

**this**.**context** = context;

}

@Override

**public** RecyclerViewHolder onCreateViewHolder(ViewGroup parent, **int** viewType) {

**if**(viewType == ***TYPE\_HEAD***){

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***header\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType);

**return** recyclerViewHolder;

}

**else if** (viewType == ***TYPE\_LIST***) {

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***comment\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType);

**return** recyclerViewHolder;

}

**return null**;

}

@Override

**public void** onBindViewHolder(**final** RecyclerViewHolder holder, **int** position) {

**if**(holder.**viewType** == ***TYPE\_LIST***) {

Comment comment = *arrayList*.get(position - 1);

**if** (comment == **null**) {

holder.**Comment**.setText(**"There are no comments"**);

} **else** {

holder.**Name**.setText(comment.getFirstName()+**" "**+comment.getLastName());

holder.**Comment**.setText(comment.getComment());

}

*//holder.txtMessage.setText(Integer.toString(notification.getChapterID()));*

*//holder.btnCheck.setText(Integer.toString(getAdapterPosition()));*

*//holder.txtUserID.setText(Integer.toString(notification.getUserID()));*

}

}

@Override

**public int** getItemCount() {

**return** *arrayList*.size()+1;

}

**public static class** RecyclerViewHolder **extends** RecyclerView.ViewHolder {

TextView **Name**, **Comment**;

**private** Context **context**;

**int viewType**;

**public** RecyclerViewHolder(View view, **int** viewType) {

**super**(view);

**if** (viewType == ***TYPE\_LIST***) {

**Name** = (TextView)view.findViewById(R.id.***nameTV***);

**Comment** = (TextView)view.findViewById(R.id.***commentTV***);

**this**.**viewType** = ***TYPE\_LIST***;

**context**=view.getContext();

} **else if** (viewType == ***TYPE\_HEAD***) {

**this**.**viewType** = ***TYPE\_HEAD***;

}

}

}

@Override

**public int** getItemViewType(**int** position) {

**if**(position == 0) {

**return *TYPE\_HEAD***;

}

**return *TYPE\_LIST***;

}

}

RecyclerAdapterFeed.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.util.ArrayList;

*/\*\**

*\* Created by user on 1/16/2017.*

*\*/*

**public class** RecyclerAdapterFeed **extends** RecyclerView.Adapter<RecyclerAdapterFeed.RecyclerViewHolder>{

**private static final int *TYPE\_HEAD*** = 0;

**private static final int *TYPE\_LIST*** = 1;

Context **context**;

**int chapterID**;

**static** ArrayList<SaleCheck> *arrayList* = **new** ArrayList<>();

**public** RecyclerAdapterFeed(ArrayList<SaleCheck> arrayList, Context context, **int** chapterID) {

**this**.*arrayList* = arrayList;

**this**.**context** = context;

**this**.**chapterID** = chapterID;

}

@Override

**public** RecyclerViewHolder onCreateViewHolder(ViewGroup parent, **int** viewType) {

**if**(viewType == ***TYPE\_HEAD***){

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***header\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType, **chapterID**);

**return** recyclerViewHolder;

}

**else if** (viewType == ***TYPE\_LIST***) {

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***receive\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType, **chapterID**);

**return** recyclerViewHolder;

}

**return null**;

}

@Override

**public void** onBindViewHolder(**final** RecyclerViewHolder holder, **int** position) {

**if**(holder.**viewType** == ***TYPE\_LIST***) {

SaleCheck saleCheck = *arrayList*.get(position-1);

**if**(saleCheck == **null**) {

holder.**Message**.setText(**"Your chapter is not currently waiting on any donations."**);

holder.**Message**.setVisibility(View.***VISIBLE***);

holder.**name**.setVisibility(View.***INVISIBLE***);

holder.**btnCheck**.setVisibility(View.***INVISIBLE***);

holder.**btnDelete**.setVisibility(View.***INVISIBLE***);

holder.**picture**.setVisibility(View.***INVISIBLE***);

} **else**

{

**int** id = saleCheck.getID();

String name = saleCheck.getName();

String path = saleCheck.getPath();

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/"** +path,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

holder.**picture**.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

*//Toast.makeText(context, "BAD", Toast.LENGTH\_LONG).show();*

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.*getInstance*(**context**).addToRequestQueue(request);

holder.**name**.setText(name);

}

}

}

@Override

**public int** getItemCount() {

**return** *arrayList*.size()+1;

}

**public static class** RecyclerViewHolder **extends** RecyclerView.ViewHolder **implements** View.OnClickListener{

TextView **name**, **Message**;

ImageButton **btnCheck**, **btnDelete**;

ImageView **picture**;

**private** Context **context**;

**int viewType**;

**int chapterID**, **userID**;

**public** RecyclerViewHolder(View view, **int** viewType, **int** chapterID) {

**super**(view);

**if** (viewType == ***TYPE\_LIST***) {

**this**.**chapterID** = chapterID;

**name** = (TextView) view.findViewById(R.id.***nameTV***);

**Message** = (TextView)view.findViewById(R.id.***txtMessage***);

**btnCheck** = (ImageButton) view.findViewById(R.id.***btnReceived***);

**picture** = (ImageView) view.findViewById(R.id.***picIV***);

**this**.**viewType** = ***TYPE\_LIST***;

**context**=view.getContext();

**btnCheck**.setOnClickListener(**this**);

**btnDelete** = (ImageButton) view.findViewById(R.id.***btnDelete***);

**btnDelete**.setOnClickListener(**this**);

} **else if** (viewType == ***TYPE\_HEAD***) {

**this**.**viewType** = ***TYPE\_HEAD***;

}

}

@Override

**public void** onClick(View view) {

SaleCheck tempSale = *arrayList*.get(getAdapterPosition() - 1);

**if**(view.equals(**btnDelete**)) {

*//Toast.makeText(view.getContext(), String.valueOf(getAdapterPosition()) + "Delete", Toast.LENGTH\_SHORT).show();*

Response.Listener<String> responseListener2 = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse2 = **new** JSONObject(response);

**boolean** success = jsonResponse2.getBoolean(**"success"**);

**if**(success) {

Intent i2 = **new** Intent(**context**, ChapterMainPage.**class**);

i2.putExtra(**"chapterID"**, **chapterID**);

**context**.startActivity(i2);

((Activity)**context**).finish();

}

}

**catch** (JSONException e){

e.printStackTrace();

}

}

};

DeleteDonationRequest deleteDonationRequest = **new** DeleteDonationRequest(tempSale.getID(), responseListener2);

RequestQueue queue = Volley.*newRequestQueue*(**context**);

queue.add(deleteDonationRequest);

}

**else**{

Response.Listener<String> responseListener2 = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse2 = **new** JSONObject(response);

**boolean** success = jsonResponse2.getBoolean(**"success"**);

**if**(success) {

Intent i2 = **new** Intent(**context**, ChapterMainPage.**class**);

i2.putExtra(**"chapterID"**, **chapterID**);

**context**.startActivity(i2);

((Activity)**context**).finish();

}

}

**catch** (JSONException e){

e.printStackTrace();

}

}

};

ReceiveDonationRequest deleteDonationRequest = **new** ReceiveDonationRequest(tempSale.getID(), responseListener2);

RequestQueue queue = Volley.*newRequestQueue*(**context**);

queue.add(deleteDonationRequest);

}

*//implement changing to received & dropping from sale-> diff ON CLICK.*

}

}

@Override

**public int** getItemViewType(**int** position) {

**if**(position == 0) {

**return *TYPE\_HEAD***;

}

**return *TYPE\_LIST***;

}

}

RecyclerAdapterNearestChapter.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.util.ArrayList;

*/\*\**

*\* Created by user on 1/16/2017.*

*\*/*

**public class** RecyclerAdapterNearestChapter **extends** RecyclerView.Adapter<RecyclerAdapterNearestChapter.RecyclerViewHolder>{

**private static final int *TYPE\_HEAD*** = 0;

**private static final int *TYPE\_LIST*** = 1;

Context **context**;

RequestQueue **queue**;

**int userID**;

**static** ArrayList<Chapter> *arrayList* = **new** ArrayList<>();

**public** RecyclerAdapterNearestChapter(ArrayList<Chapter> arrayList, **int** userID, Context context) {

**this**.*arrayList* = arrayList;

**this**.**context** = context;

**this**.**userID** = userID;

**queue** = Volley.*newRequestQueue*(context);

}

@Override

**public** RecyclerViewHolder onCreateViewHolder(ViewGroup parent, **int** viewType) {

**if**(viewType == ***TYPE\_HEAD***){

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***header\_layout***, parent, **false**);

RecyclerAdapterNearestChapter.RecyclerViewHolder recyclerViewHolder = **new** RecyclerAdapterNearestChapter.RecyclerViewHolder(view, viewType, **userID**);

**return** recyclerViewHolder;

}

**else if** (viewType == ***TYPE\_LIST***) {

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***chapter\_layout***, parent, **false**);

RecyclerAdapterNearestChapter.RecyclerViewHolder recyclerViewHolder = **new** RecyclerAdapterNearestChapter.RecyclerViewHolder(view, viewType, **userID**);

**return** recyclerViewHolder;

}

**return null**;

}

@Override

**public void** onBindViewHolder(**final** RecyclerViewHolder holder, **int** position) {

**if**(holder.**viewType** == ***TYPE\_LIST***) {

Chapter chapter = *arrayList*.get(position-1);

**if**(chapter == **null**) {

*//holder.txtMessage.setText("There are no chapters in your state");*

*//holder.btnCheck.setVisibility(View.INVISIBLE);*

} **else**{

holder.**Address**.setText(chapter.getStreetAddress());

holder.**City**.setText(chapter.getCity());

holder.**State**.setText(chapter.getState());

holder.**Email**.setText(chapter.getEmail());

holder.**Name**.setText(chapter.getSchoolName());

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/chapters/"** + chapter.getPath(),

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

holder.**profilePic**.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

*//Toast.makeText(context, "Chapter does not have profile picture.", Toast.LENGTH\_LONG).show();*

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.*getInstance*(**context**).addToRequestQueue(request);

}

*//holder.txtMessage.setText(Integer.toString(notification.getChapterID()));*

*//holder.btnCheck.setText(Integer.toString(getAdapterPosition()));*

*//holder.txtUserID.setText(Integer.toString(notification.getUserID()));*

}

}

@Override

**public int** getItemCount() {

**return** *arrayList*.size()+1;

}

**public static class** RecyclerViewHolder **extends** RecyclerView.ViewHolder **implements** View.OnClickListener{

TextView **State**, **City**, **Email**, **Name**, **Address**, **Zip**;

ImageView **profilePic**;

Button **joinBtn**;

**private** Context **context**;

**int viewType**;

**int userID**;

**public** RecyclerViewHolder(View view, **int** viewType, **int** userID) {

**super**(view);

**this**.**userID** = userID;

**if** (viewType == ***TYPE\_LIST***) {

**joinBtn** = (Button) view.findViewById(R.id.***joinBtn***);

**Name** = (TextView)view.findViewById(R.id.***nameTV***);

**Email** = (TextView)view.findViewById(R.id.***emailTV***);

**Address** = (TextView)view.findViewById(R.id.***schoolAddressTV***);

**City** = (TextView)view.findViewById(R.id.***cityTV***);

**Zip** = (TextView)view.findViewById(R.id.***zipcodeTV***);

**State** = (TextView) view.findViewById(R.id.***schoolStateTV***);

**profilePic** = (ImageView)view.findViewById(R.id.***profilePicIV***);

**this**.**viewType** = ***TYPE\_LIST***;

**context**=view.getContext();

**joinBtn**.setOnClickListener(**this**);

} **else if** (viewType == ***TYPE\_HEAD***) {

**this**.**viewType** = ***TYPE\_HEAD***;

}

}

@Override

**public void** onClick(View view) {

**final** Chapter tempChap = *arrayList*.get(getAdapterPosition()-1);

Response.Listener<String> responseListener2 = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse2 = **new** JSONObject(response);

**boolean** success2 = jsonResponse2.getBoolean(**"success"**);

**if**(success2){

Intent toHome = **new** Intent(**context**, MainPage.**class**);

toHome.putExtra(**"chapterID"**, tempChap.getChapterID());

toHome.putExtra(**"userID"**, **userID**);

**context**.startActivity(toHome);

((Activity)**context**).finish();

}**else**{

**boolean** error = jsonResponse2.getBoolean(**"error"**);

**if**(error){

AlertDialog.Builder builder2 = **new** AlertDialog.Builder(**context**);

builder2.setMessage(jsonResponse2.getString(**"error\_msg"**)).setNegativeButton(**"Ok"**, **null**).create().show();

}**else** {

AlertDialog.Builder builder2 = **new** AlertDialog.Builder(**context**);

builder2.setMessage(**"Something went wrong."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

}

}

**catch** (JSONException e){

e.printStackTrace();

}

}

};

ChapterJoinRequest joinRequest = **new** ChapterJoinRequest(tempChap.getChapterID(), **userID**, responseListener2);

RequestQueue queue = Volley.*newRequestQueue*(**context**);

queue.add(joinRequest);

}

}

@Override

**public int** getItemViewType(**int** position) {

**if**(position == 0) {

**return *TYPE\_HEAD***;

}

**return *TYPE\_LIST***;

}

}

RecyclerAdapterSales.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.util.ArrayList;

**import static** android.R.attr.***visible***;

*/\*\**

*\* Created by user on 1/16/2017.*

*\*/*

**public class** RecyclerAdapterSales **extends** RecyclerView.Adapter<RecyclerAdapterSales.RecyclerViewHolder>{

**private static final int *TYPE\_HEAD*** = 0;

**private static final int *TYPE\_LIST*** = 1;

**static int** *chapterID*;

Context **context**;

**static** ArrayList<Sale> *arrayList* = **new** ArrayList<>();

**public** RecyclerAdapterSales(ArrayList<Sale> arrayList, Context context, **int** chapterID) {

**this**.*arrayList* = arrayList;

**this**.**context** = context;

**this**.*chapterID* = chapterID;

}

@Override

**public** RecyclerViewHolder onCreateViewHolder(ViewGroup parent, **int** viewType) {

**if**(viewType == ***TYPE\_HEAD***){

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***header\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType);

**return** recyclerViewHolder;

}

**else if** (viewType == ***TYPE\_LIST***) {

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***sale\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType);

**return** recyclerViewHolder;

}

**return null**;

}

@Override

**public void** onBindViewHolder(**final** RecyclerViewHolder holder, **int** position) {

**if**(holder.**viewType** == ***TYPE\_LIST***) {

Sale sale = *arrayList*.get(position-1);

**if**(sale == **null**) {

holder.**txtMessage**.setText(**"Your chapter currently has nothing for sale"**);

holder.**viewSale**.setVisibility(View.***INVISIBLE***);

} **else** {

String name = sale.getName();

String category = sale.getCategory();

String path = sale.getPath();

holder.**txtMessage**.setText(name);

**switch**(category) {

**case "Appliances"**:

holder.**categoryIV**.setImageResource(R.mipmap.***ic\_appliance***);

**break**;

**case "Toys"**:

holder.**categoryIV**.setImageResource(R.mipmap.***ic\_toy***);

**break**;

**case "Furniture"**:

holder.**categoryIV**.setImageResource(R.mipmap.***ic\_furniture***);

**break**;

**case "Clothing"**:

holder.**categoryIV**.setImageResource(R.mipmap.***ic\_clothing***);

**break**;

**case "Electronics"**:

holder.**categoryIV**.setImageResource(R.mipmap.***ic\_electronic***);

**break**;

**default**:

holder.**categoryIV**.setImageResource(R.mipmap.***ic\_misc***);

**break**;

}

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/"** +path,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

holder.**picture**.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

*//Toast.makeText(context, "BAD", Toast.LENGTH\_LONG).show();*

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.*getInstance*(**context**).addToRequestQueue(request);

}

*//holder.txtMessage.setText(Integer.toString(notification.getChapterID()));*

*//holder.btnCheck.setText(Integer.toString(getAdapterPosition()));*

*//holder.txtUserID.setText(Integer.toString(notification.getUserID()));*

}

}

@Override

**public int** getItemCount() {

**return** *arrayList*.size()+1;

}

**public static class** RecyclerViewHolder **extends** RecyclerView.ViewHolder **implements** View.OnClickListener{

TextView **txtMessage**;

ImageView **picture**, **categoryIV**;

ImageButton **viewSale**;

**private** Context **context**;

**int viewType**;

**public** RecyclerViewHolder(View view, **int** viewType) {

**super**(view);

**if** (viewType == ***TYPE\_LIST***) {

**txtMessage** = (TextView) view.findViewById(R.id.***nameTV***);

**picture**=(ImageView)view.findViewById(R.id.***picture***);

**categoryIV** = (ImageView)view.findViewById(R.id.***categoryIV***);

**this**.**viewType** = ***TYPE\_LIST***;

**viewSale** = (ImageButton)view.findViewById(R.id.***btnSale***);

**context**=view.getContext();

**viewSale**.setOnClickListener(**this**);

} **else if** (viewType == ***TYPE\_HEAD***) {

**this**.**viewType** = ***TYPE\_HEAD***;

}

}

@Override

**public void** onClick(View v) {

Sale tempNot = *arrayList*.get(getAdapterPosition()-1);

Intent editSale = **new** Intent(**context**, EditSaleInfo.**class**);

editSale.putExtra(**"typeID"**, tempNot.getId());

editSale.putExtra(**"chapterID"**, *chapterID*);

**context**.startActivity(editSale);

((Activity)**context**).finish();

}

}

@Override

**public int** getItemViewType(**int** position) {

**if**(position == 0) {

**return *TYPE\_HEAD***;

}

**return *TYPE\_LIST***;

}

}

RecyclerAdapterUser.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.content.Context;

**import** android.content.DialogInterface;

**import** android.content.Intent;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.util.ArrayList;

**import static** android.R.attr.***visible***;

*/\*\**

*\* Created by user on 1/16/2017.*

*\*/*

**public class** RecyclerAdapterUser **extends** RecyclerView.Adapter<RecyclerAdapterUser.RecyclerViewHolder>{

**private static final int *TYPE\_HEAD*** = 0;

**private static final int *TYPE\_LIST*** = 1;

Context **context**;

**int chapterID**;

*// AlertDialog.Builder builder;*

**static** ArrayList<UserNotification> *arrayList* = **new** ArrayList<>();

**public** RecyclerAdapterUser(ArrayList<UserNotification> arrayList, Context context, **int** chapterID) {

**this**.*arrayList* = arrayList;

**this**.**context** = context;

**this**.**chapterID** = chapterID;

*// builder = new AlertDialog.Builder(context);*

}

@Override

**public** RecyclerViewHolder onCreateViewHolder(ViewGroup parent, **int** viewType) {

**if**(viewType == ***TYPE\_HEAD***){

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***header\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType);

**return** recyclerViewHolder;

}

**else if** (viewType == ***TYPE\_LIST***) {

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***notification\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType);

**return** recyclerViewHolder;

}

**return null**;

}

@Override

**public void** onBindViewHolder(**final** RecyclerViewHolder holder, **int** position) {

**if**(holder.**viewType** == ***TYPE\_LIST***) {

**final** UserNotification notification = *arrayList*.get(position-1);

holder.**chapterID** = **chapterID**;

**if**(notification == **null**) {

holder.**txtMessage**.setText(**"No Notifications"**);

holder.**btnCheck**.setVisibility(View.***INVISIBLE***);

} **else if**(notification.getType().equals(**"denied"**)){

holder.**btnCheck**.setVisibility(View.***INVISIBLE***);

holder.**id** = notification.getId();

holder.**userID** = notification.getUserID();

holder.**txtMessage**.setText(**"A donation of yours was denied"**);

} **else if**(notification.getType().equals(**"accepted"**)){

holder.**btnCheck**.setVisibility(View.***INVISIBLE***);

String name = notification.getName();

holder.**id** = notification.getId();

holder.**userID** = notification.getUserID();

String schoolName = notification.getSchoolName();

holder.**txtMessage**.setText(name +**" has been accepted by "**+schoolName);

} **else** {

holder.**id** = notification.getId();

holder.**userID** = notification.getUserID();

holder.**btnCheck**.setVisibility(View.***INVISIBLE***);

holder.**txtMessage**.setText(**"A donation of yours was "**+notification.getType());

}

*//holder.txtMessage.setText(Integer.toString(notification.getChapterID()));*

*//holder.btnCheck.setText(Integer.toString(getAdapterPosition()));*

*//holder.txtUserID.setText(Integer.toString(notification.getUserID()));*

}

}

@Override

**public int** getItemCount() {

**return** *arrayList*.size()+1;

}

**public static class** RecyclerViewHolder **extends** RecyclerView.ViewHolder **implements** View.OnClickListener, View.OnLongClickListener {

TextView **txtMessage**;

ImageButton **btnCheck**;

Button **Delete**;

AlertDialog.Builder **builder**;

**private** Context **context**;

**int id**, **userID**;

**int viewType**, **chapterID**;

**public** RecyclerViewHolder(View view, **int** viewType) {

**super**(view);

**if** (viewType == ***TYPE\_LIST***) {

**txtMessage** = (TextView) view.findViewById(R.id.***notifMessage***);

**btnCheck** = (ImageButton) view.findViewById(R.id.***notifButton***);

**this**.**viewType** = ***TYPE\_LIST***;

**Delete** = (Button)view.findViewById(R.id.***btnDelete***);

**context**=view.getContext();

**builder** = **new** AlertDialog.Builder(**context**);

**builder**.setMessage(**"Would you like to delete this notification?"**);

**builder**.setPositiveButton(**"No"**, **null**);

**builder**.setNegativeButton(**"Yes"**, **new** DialogInterface.OnClickListener() {

@Override

**public void** onClick(DialogInterface dialogInterface, **int** i) {

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse2 = **new** JSONObject(response);

**boolean** success2 = jsonResponse2.getBoolean(**"success"**);

**if** (success2) {

Intent toHome = **new** Intent(**context**, MainPage.**class**);

toHome.putExtra(**"userID"**, **userID**);

toHome.putExtra(**"chapterID"**, **chapterID**);

**context**.startActivity(toHome);

((Activity)**context**).finish();

} **else** {

**boolean** error = jsonResponse2.getBoolean(**"error"**);

**if** (error) {

AlertDialog.Builder builder2 = **new** AlertDialog.Builder(**context**);

builder2.setMessage(jsonResponse2.getString(**"error\_msg"**)).setNegativeButton(**"Ok"**, **null**).create().show();

} **else** {

AlertDialog.Builder builder2 = **new** AlertDialog.Builder(**context**);

builder2.setMessage(**"Something went wrong."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

DeleteNotificationRequest uploadRequest = **new** DeleteNotificationRequest(**id**, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(**context**);

queue.add(uploadRequest);

}

});

**btnCheck**.setOnClickListener(**this**);

**Delete**.setOnLongClickListener(**this**);

} **else if** (viewType == ***TYPE\_HEAD***) {

**this**.**viewType** = ***TYPE\_HEAD***;

}

}

@Override

**public void** onClick(View view) {

UserNotification tempNot = *arrayList*.get(getAdapterPosition()-1);

Intent intent2 = **new** Intent(**context**, PurchaseItemComplete.**class**);

intent2.putExtra(**"chapterID"**, **chapterID**);

intent2.putExtra(**"userID"**, tempNot.getUserID());

**context**.startActivity(intent2);

}

@Override

**public boolean** onLongClick(View view) {

**builder**.create().show();

**return false**;

}

}

@Override

**public int** getItemViewType(**int** position) {

**if**(position == 0) {

**return *TYPE\_HEAD***;

}

**return *TYPE\_LIST***;

}

}

RecyclerAdapterUserHome.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** java.text.DecimalFormat;

**import** java.text.NumberFormat;

**import** java.util.ArrayList;

*/\*\**

*\* Created by user on 1/16/2017.*

*\*/*

**public class** RecyclerAdapterUserHome **extends** RecyclerView.Adapter<RecyclerAdapterUserHome.RecyclerViewHolder> {

**private static final int *TYPE\_HEAD*** = 0;

**private static final int *TYPE\_LIST*** = 1;

Context **context**;

**static** ArrayList<FeedItem> *arrayList* = **new** ArrayList<>();

**static int** *userID*;

**static int** *chapterID*;

**public** RecyclerAdapterUserHome(ArrayList<FeedItem> arrayList, Context context, **int** userID, **int** chapterID) {

**this**.*arrayList* = arrayList;

**this**.**context** = context;

**this**.*userID* = userID;

**this**.*chapterID* = chapterID;

}

@Override

**public** RecyclerViewHolder onCreateViewHolder(ViewGroup parent, **int** viewType) {

**if** (viewType == ***TYPE\_HEAD***) {

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***header\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType);

**return** recyclerViewHolder;

} **else if** (viewType == ***TYPE\_LIST***) {

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***user\_home\_item\_row***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType);

**return** recyclerViewHolder;

}

**return null**;

}

@Override

**public void** onBindViewHolder(**final** RecyclerViewHolder holder, **int** position) {

**if**(holder.**viewType** == ***TYPE\_LIST***) {

FeedItem feedItem = *arrayList*.get(position-1);

**if**(feedItem == **null**) {

holder.**Name**.setText(**"Your chapter currently has no sales"**);

holder.**ViewItem**.setVisibility(View.***INVISIBLE***);

holder.**Condition1**.setVisibility(View.***INVISIBLE***);

holder.**Price**.setVisibility(View.***INVISIBLE***);

holder.**categoryIV**.setVisibility(View.***INVISIBLE***);

holder.**imageView**.setVisibility(View.***INVISIBLE***);

} **else**

{

**int** id = feedItem.getId();

String name = feedItem.getName();

String path = feedItem.getPath();

String description = feedItem.getDescription();

String category = feedItem.getCategory();

String condition1 = feedItem.getCondition1();

**double** price = feedItem.getPrice();

Bitmap bitmap;

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/"** +path,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

holder.**imageView**.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

*//Toast.makeText(context, "BAD", Toast.LENGTH\_LONG).show();*

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.*getInstance*(**context**).addToRequestQueue(request);

**switch**(category) {

**case "Appliances"** :

holder.**categoryIV**.setImageResource(R.mipmap.***ic\_appliance***);

**break**;

**case "Toys"** :

holder.**categoryIV**.setImageResource(R.mipmap.***ic\_toy***);

**break**;

**case "Furniture"** :

holder.**categoryIV**.setImageResource(R.mipmap.***ic\_furniture***);

**break**;

**case "Clothing"** :

holder.**categoryIV**.setImageResource(R.mipmap.***ic\_clothing***);

**break**;

**case "Electronics"** :

holder.**categoryIV**.setImageResource(R.mipmap.***ic\_electronic***);

**break**;

**default** :

holder.**categoryIV**.setImageResource(R.mipmap.***ic\_misc***);

**break**;

}

holder.**Name**.setText(name);

NumberFormat formatter = **new** DecimalFormat(**"#0.00"**);

holder.**Condition1**.setText(condition1);

holder.**Price**.setText(**"$"**+formatter.format(price)+**""**);

}

}

}

@Override

**public int** getItemCount() {

**return** *arrayList*.size()+1;

}

**public static class** RecyclerViewHolder **extends** RecyclerView.ViewHolder **implements** View.OnClickListener{

TextView **Name**, **Price**, **Condition1**, **Category**, **Description**;

ImageButton **ViewItem**;

ImageView **imageView**, **categoryIV**;

**private** Context **context**;

**int viewType**;

**public** RecyclerViewHolder(View view, **int** viewType) {

**super**(view);

*//this.userID = userID;*

**if** (viewType == ***TYPE\_LIST***) {

**Name** = (TextView)view.findViewById(R.id.***txtName***);

**Price** = (TextView)view.findViewById(R.id.***txtPrice***);

**Condition1** = (TextView)view.findViewById(R.id.***txtCondition1***);

**ViewItem** = (ImageButton)view.findViewById(R.id.***btnViewItem***);

**imageView** = (ImageView)view.findViewById(R.id.***imageView***);

**categoryIV** = (ImageView)view.findViewById(R.id.***categoryIV***);

**this**.**viewType** = ***TYPE\_LIST***;

**context**=view.getContext();

**ViewItem**.setOnClickListener(**this**);

} **else if** (viewType == ***TYPE\_HEAD***) {

**this**.**viewType** = ***TYPE\_HEAD***;

}

}

@Override

**public void** onClick(View view) {

FeedItem tempNot = *arrayList*.get(getAdapterPosition()-1);

Intent intent2 = **new** Intent(**context**, PurchaseItem.**class**);

intent2.putExtra(**"id"**, tempNot.getId());

intent2.putExtra(**"chapterID"**, tempNot.getChapterID());

intent2.putExtra(**"description"**, tempNot.getDescription());

intent2.putExtra(**"category"**, tempNot.getCategory());

intent2.putExtra(**"condition1"**, tempNot.getCondition1());

intent2.putExtra(**"name"**, tempNot.getName());

intent2.putExtra(**"price"**, tempNot.getPrice());

intent2.putExtra(**"path"**, tempNot.getPath());

intent2.putExtra(**"userID"**, *userID*);

**context**.startActivity(intent2);

((Activity)**context**).finish();

}

}

@Override

**public int** getItemViewType(**int** position) {

**if**(position == 0) {

**return *TYPE\_HEAD***;

}

**return *TYPE\_LIST***;

}

}

RecyclerAdapterUserList.java

**package** com.example.izzy.fblays2;

**import** android.app.Activity;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.util.ArrayList;

**import static** android.R.attr.***visible***;

*/\*\**

*\* Created by user on 1/16/2017.*

*\*/*

**public class** RecyclerAdapterUserList **extends** RecyclerView.Adapter<RecyclerAdapterUserList.RecyclerViewHolder>{

**private static final int *TYPE\_HEAD*** = 0;

**private static final int *TYPE\_LIST*** = 1;

Context **context**;

**int chapterID**;

**static** ArrayList<User> *arrayList* = **new** ArrayList<>();

**public** RecyclerAdapterUserList(**int** chapterID, ArrayList<User> arrayList, Context context) {

**this**.*arrayList* = arrayList;

**this**.**context** = context;

**this**.**chapterID** = chapterID;

}

@Override

**public** RecyclerViewHolder onCreateViewHolder(ViewGroup parent, **int** viewType) {

**if**(viewType == ***TYPE\_HEAD***){

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***header\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType, **chapterID**);

**return** recyclerViewHolder;

}

**else if** (viewType == ***TYPE\_LIST***) {

View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***user\_layout***, parent, **false**);

RecyclerViewHolder recyclerViewHolder = **new** RecyclerViewHolder(view, viewType, **chapterID**);

**return** recyclerViewHolder;

}

**return null**;

}

@Override

**public void** onBindViewHolder(**final** RecyclerViewHolder holder, **int** position) {

**if**(holder.**viewType** == ***TYPE\_LIST***) {

User user = *arrayList*.get(position-1);

**if**(user == **null**) {

holder.**txtMessage**.setText(**"Your chapter does not have any members"**);

holder.**btnCheck**.setVisibility(View.***INVISIBLE***);

} **else** {

holder.**txtMessage**.setText(user.getFirstName() + **" "**+user.getLastName());

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/users/"** +user.getProfilePicPath(),

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

holder.**profilePic**.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

Toast.*makeText*(**context**, **"User does not have a picture."**, Toast.***LENGTH\_LONG***).show();

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.*getInstance*(**context**).addToRequestQueue(request);

}

}

}

@Override

**public int** getItemCount() {

**return** *arrayList*.size()+1;

}

**public static class** RecyclerViewHolder **extends** RecyclerView.ViewHolder **implements** View.OnClickListener{

TextView **txtMessage**;

ImageButton **btnCheck**;

ImageView **profilePic**;

**private** Context **context**;

**int viewType**;

**int chapterID**;

**public** RecyclerViewHolder(View view, **int** viewType, **int** chapterID) {

**super**(view);

**this**.**chapterID** = chapterID;

**if** (viewType == ***TYPE\_LIST***) {

**profilePic** = (ImageView)view.findViewById(R.id.***profilePic***);

**txtMessage** = (TextView) view.findViewById(R.id.***viewMessage***);

**btnCheck** = (ImageButton) view.findViewById(R.id.***viewButton***);

**this**.**viewType** = ***TYPE\_LIST***;

**context**=view.getContext();

**btnCheck**.setOnClickListener(**this**);

} **else if** (viewType == ***TYPE\_HEAD***) {

**this**.**viewType** = ***TYPE\_HEAD***;

}

}

@Override

**public void** onClick(View view) {

User tempUser = *arrayList*.get(getAdapterPosition()-1);

Intent toView = **new** Intent(**context**, ViewUser.**class**);

toView.putExtra(**"userID"**, tempUser.getUserID());

toView.putExtra(**"firstName"**,tempUser.getFirstName());

toView.putExtra(**"lastName"**,tempUser.getLastName());

toView.putExtra(**"email"**,tempUser.getEmail());

toView.putExtra(**"state"**,tempUser.getState());

toView.putExtra(**"city"**,tempUser.getCity());

toView.putExtra(**"zipcode"**,tempUser.getZipcode());

toView.putExtra(**"profilePicPath"**,tempUser.getProfilePicPath());

toView.putExtra(**"chapterID"**, **chapterID**);

**context**.startActivity(toView);

((Activity)**context**).finish();

}

}

@Override

**public int** getItemViewType(**int** position) {

**if**(position == 0) {

**return *TYPE\_HEAD***;

}

**return *TYPE\_LIST***;

}

}

RegisterActivity.java

**package** com.example.izzy.fblays2;

**import** android.content.Context;

**import** android.content.DialogInterface;

**import** android.content.Intent;

**import** android.content.pm.ResolveInfo;

**import** android.database.Cursor;

**import** android.graphics.Bitmap;

**import** android.graphics.BitmapFactory;

**import** android.graphics.drawable.BitmapDrawable;

**import** android.graphics.drawable.Drawable;

**import** android.net.Uri;

**import** android.os.Environment;

**import** android.os.Parcelable;

**import** android.provider.MediaStore;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.util.Base64;

**import** android.util.Log;

**import** android.view.View;

**import** android.widget.AdapterView;

**import** android.widget.ArrayAdapter;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.ImageView;

**import** android.widget.Spinner;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.ByteArrayOutputStream;

**import** java.io.File;

**import** java.io.FileNotFoundException;

**import** java.io.InputStream;

**import** java.util.ArrayList;

**import** java.util.List;

**public class** RegisterActivity **extends** AppCompatActivity {

*//Intent gallIntent=new Intent(Intent.ACTION\_GET\_CONTENT);*

*//Intent camIntent = new Intent("android.media.action.IMAGE\_CAPTURE");*

**private static final int *SELECTED\_PIC*** = 1;

**public static final int *IMAGE\_GALLERY\_REQUEST*** = 736;

**private static final int *IMAGE\_CAM\_REQUEST*** = 534;

ImageView **profilePic**;

Bitmap **image**;

**private** Spinner **spinner**;

**private** ArrayAdapter **adapter**;

String **imageBit**, **state**;

EditText etFirstName, **etLastName**, **etEmail**, **etPassword**, **etCheckPassword**, **etState**, **etCity**, **etZipcode**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_register***);

etFirstName = (EditText) findViewById(R.id.***firstNameET***);

**etLastName** = (EditText) findViewById(R.id.***lastNameET***);

**etEmail** = (EditText) findViewById(R.id.***emailETLogin***);

**etPassword** = (EditText) findViewById(R.id.***passwordET***);

**etCheckPassword** = (EditText) findViewById(R.id.***passwordCheckET***);

**etCity** = (EditText) findViewById(R.id.***cityET***);

**etZipcode** = (EditText) findViewById(R.id.***zipcodeEt***);

*//final Button takePicture = (Button)findViewById(R.id.buttonPic);*

*//final Button registerBtn = (Button) findViewById(R.id.RegBtn);*

**profilePic** = (ImageView)findViewById(R.id.***profilePic***);

**spinner** = (Spinner)findViewById(R.id.***spinner***);

**adapter** = ArrayAdapter.*createFromResource*(**this**,R.array.***state\_abs***,R.layout.***spinner\_condition***);

**adapter**.setDropDownViewResource(android.R.layout.***simple\_spinner\_dropdown\_item***);

**spinner**.setAdapter(**adapter**);

**spinner**.setOnItemSelectedListener(**new** AdapterView.OnItemSelectedListener() {

@Override

**public void** onItemSelected(AdapterView<?> adapterView, View view, **int** i, **long** l) {

*//Toast.makeText(getBaseContext(),adapterView.getItemAtPosition(i)+" selected", Toast.LENGTH\_LONG).show();*

**state** = (String)adapterView.getItemAtPosition(i);

}

@Override

**public void** onNothingSelected(AdapterView<?> adapterView) {

*//Toast.makeText(ChapterRegistration.this, "Nothing Selected", Toast.LENGTH\_SHORT).show();*

}

});

}

**public void** onRegisterClicked(View view) {

**final** String firstName = etFirstName.getText().toString();

**final** String lastName = **etLastName**.getText().toString();

**final** String email = **etEmail**.getText().toString();

**final** String password = **etPassword**.getText().toString();

**final** String passwordCheck = **etCheckPassword**.getText().toString();

*//final String state = etState.getText().toString();*

**final** String city = **etCity**.getText().toString();

**final** String zipcodeTest = **etZipcode**.getText().toString();

*//Log.e("Hello", getStringImage(image));*

**if**(**image** == **null**) {

AlertDialog.Builder builder3 = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder3.setMessage(**"Image required."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

**else if**(zipcodeTest.isEmpty()){

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(**"Do not leave fields empty!"**).setNegativeButton(**"Ok"**, **null**).create().show();

}

**else if**(!zipcodeTest.matches(**"^\\d+$"**) ){

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(**"That is not a valid zipcode"**).setNegativeButton(**"Ok"**, **null**).create().show();

}

**else** {

**final int** zipcode = Integer.*parseInt*(zipcodeTest);

**if** (validation(firstName, lastName, email, password, passwordCheck, **state**, city, zipcode)) {

*//Toast.makeText(RegisterActivity.this, "WNG", Toast.LENGTH\_LONG).show();*

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if** (success) {

Intent intent = **new** Intent(RegisterActivity.**this**, LoginActivity.**class**);

startActivity(intent);

finish();

}

**else if** (jsonResponse.getBoolean(**"error"**)) {

String error = jsonResponse.getString(**"error\_msg"**);

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(error).setNegativeButton(**"Retry"**, **null**).create().show();

}

**else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(**"Register Failed"**).setNegativeButton(**"Retry"**, **null**).create().show();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

RegisterRequest registerRequest = **new** RegisterRequest(getStringImage(**image**), firstName, lastName, email, password, **state**, city, zipcode, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(RegisterActivity.**this**);

queue.add(registerRequest);

}

}

}

**public void** onTakePictureClicked(View v) {

Intent photoPickerIntent = **new** Intent(Intent.***ACTION\_PICK***);

File pictureDirecory = Environment.*getExternalStoragePublicDirectory*(Environment.*DIRECTORY\_PICTURES*);

String pictureDirectoryPath = pictureDirecory.getPath();

Uri data = Uri.*parse*(pictureDirectoryPath);

photoPickerIntent.setDataAndType(data, **"image/\*"**);

startActivityForResult(photoPickerIntent, ***IMAGE\_GALLERY\_REQUEST***);

}

**public void** onCameraClicked(View v) {

Intent cameraIntent = **new** Intent(MediaStore.***ACTION\_IMAGE\_CAPTURE***);

startActivityForResult(cameraIntent,***IMAGE\_CAM\_REQUEST***);

}

@Override

**protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data) {

*//super.onActivityResult(requestCode, resultCode, data);*

**if**(resultCode==***RESULT\_OK***) {

*//If we are here, everything processed successfully*

**if**(requestCode==***IMAGE\_GALLERY\_REQUEST***) {

*//If we are here, we are hearing back from the image gallery*

Uri imageUri = data.getData();

*//Declare a stream to read the image data from the SD card*

InputStream inputStream;

**try** {

inputStream = getContentResolver().openInputStream(imageUri);

**image** = BitmapFactory.*decodeStream*(inputStream);

**image** = Bitmap.*createScaledBitmap*(**image**, 300, 300, **true**);

**profilePic**.setImageBitmap(**image**);

**imageBit** = getStringImage(**image**);

} **catch** (FileNotFoundException e) {

e.printStackTrace();

Toast.*makeText*(**this**, **"Unable to open image"**, Toast.***LENGTH\_LONG***).show();

}

} **else if**(requestCode == ***IMAGE\_CAM\_REQUEST***) {

**image** = (Bitmap) data.getExtras().get(**"data"**);

**profilePic**.setImageBitmap(**image**);

**imageBit** = getStringImage(**image**);

}

}

}

*/\*@Override*

*protected void onActivityResult(int requestCode, int resultCode, Intent data) {*

*super.onActivityResult(requestCode, resultCode, data);*

*switch(requestCode) {*

*case SELECTED\_PIC:*

*if(resultCode == RESULT\_OK) {*

*Uri uri = data.getData();*

*String[] projection = {MediaStore.Images.Media.DATA};*

*Cursor cursor = getContentResolver().query(uri, projection, null, null, null);*

*cursor.moveToFirst();*

*int columnIndex = cursor.getColumnIndex(projection[0]);*

*String filepath = cursor.getString(columnIndex);*

*cursor.close();*

*Toast.makeText(RegisterActivity.this, "HEE", Toast.LENGTH\_SHORT).show();*

*Bitmap bitmap = BitmapFactory.decodeFile(filepath);*

*Drawable drawable = new BitmapDrawable(bitmap);*

*profilePic.setImageBitmap(bitmap);*

*}*

*break;*

*default:*

*break;*

*}*

*}\*/*

**public** String getStringImage(Bitmap bmp) {

ByteArrayOutputStream baos = **new** ByteArrayOutputStream();

bmp.compress(Bitmap.CompressFormat.***JPEG***, 100, baos);

**byte**[] imageBytes = baos.toByteArray();

String encodedImage = Base64.*encodeToString*(imageBytes, Base64.***DEFAULT***);

**return** encodedImage;

}

**public boolean** validation(String firstName, String lastName, String email, String password, String passwordCheck, String state, String city, **int** zipcode){

**if**(firstName.isEmpty() || lastName.isEmpty() || email.isEmpty() || password.isEmpty() || passwordCheck.isEmpty() || state.isEmpty()|| city.isEmpty() || (zipcode + **""**).isEmpty()){

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(**"Do not leave fields empty!"**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**if**(!(email.contains(**"@"**) || email.contains(**"."**))){

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(**"Invalid email address."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**if**(!password.equals(passwordCheck)){

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(**"Passwords do not match."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(password.length() > 30){

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(**"Your password exceeds the limit of 30 characters."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(firstName.length() > 16){

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(**"Your first name exceeds the limit of 16 characters."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(lastName.length() > 30){

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(**"Your last name exceeds the limit of 30 characters."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(email.length() > 50){

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(**"Your email exceeds the limit of 50 characters."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(state.equals(**"State"**)){

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(**"Please select a state."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(city.length() > 30){

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(**"Your city exceeds the limit of 30 characters."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**((zipcode + **""**).length() != 5){

AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);

builder.setMessage(**"Your zipcode does not exist."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**return true**;

}

}

RegisterRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Izzy on 12/13/2016.*

*\*/*

**public class** RegisterRequest **extends** StringRequest {

**private static final** String ***REGISTER\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/register2.php"**;

**private** Map<String, String> params;

**public** RegisterRequest(String encoded\_string, String firstName, String lastName, String email, String password, String state, String city, **int** zipcode, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***REGISTER\_REQUEST\_URL***, listener, **null**);

params = **new** HashMap<>();

params.put(**"encoded\_string"**, encoded\_string);

params.put(**"firstName"**, firstName);

params.put(**"lastName"**, lastName);

params.put(**"email"**, email);

params.put(**"password"**, password);

params.put(**"state"**, state);

params.put(**"city"**, city);

params.put(**"zipcode"**, zipcode + **""**);

}

**public** Map<String, String> getParams(){

**return** params;

}

}

RemoveCommentNotifRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Other admin on 1/4/2017.*

*\*/*

**public class** RemoveCommentNotifRequest **extends** StringRequest {

**private static final** String ***DONATE\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/removeCommentNotif.php"**;

**private** Map<String, String> **params**;

**public** RemoveCommentNotifRequest(**int** saleID, **int** chapterID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATE\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"saleID"**, saleID+**""**);

**params**.put(**"chapterID"**, chapterID+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

Sale.java

**package** com.example.izzy.fblays2;

*/\*\**

*\* Created by user on 2/13/2017.*

*\*/*

**public class** Sale {

**int id**;

String **name**, **condition1**, **category**, **description**, **path**;

**double price**;

**public** Sale(**int** id, String name, String condition1, String category, String description,**double** price, String path) {

**this**.**id** = id;

**this**.**name** = name;

**this**.**condition1** = condition1;

**this**.**category** = category;

**this**.**description** = description;

**this**.**path** = path;

**this**.**price** = price;

}

**public int** getId() {

**return id**;

}

**public void** setId(**int** id) {

**this**.**id** = id;

}

**public** String getName() {

**return name**;

}

**public void** setName(String name) {

**this**.**name** = name;

}

**public** String getCondition1() {

**return condition1**;

}

**public void** setCondition1(String condition1) {

**this**.**condition1** = condition1;

}

**public** String getCategory() {

**return category**;

}

**public void** setCategory(String category) {

**this**.**category** = category;

}

**public** String getDescription() {

**return description**;

}

**public void** setDescription(String description) {

**this**.**description** = description;

}

**public** String getPath() {

**return path**;

}

**public void** setPath(String path) {

**this**.**path** = path;

}

**public double** getPrice() {

**return price**;

}

**public void** setPrice(**double** price) {

**this**.**price** = price;

}

}

SaleCheck.java

**package** com.example.izzy.fblays2;

**import** android.graphics.Bitmap;

**import** android.widget.Toast;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

*/\*\**

*\* Created by Izzy on 1/29/2017.*

*\*/*

**public class** SaleCheck {

**private int id**;

**private** String **path**, **name**;

**public** SaleCheck(**int** id, String path, String name){

**this**.**id** = id;

**this**.**path** = path;

**this**.**name** = name;

}

**public int** getID(){

**return id**;

}

**public void** setID(**int** id){

**this**.**id** = id;

}

**public** String getPath(){

**return path**;

}

**public void** setPath(String path){

**this**.**path** = path;

}

**public** String getName(){

**return name**;

}

}

SaveSharedPreference.java

**package** com.example.izzy.fblays2;

**import** android.content.Context;

**import** android.content.SharedPreferences;

**import** android.preference.PreferenceManager;

**public class** SaveSharedPreference

{

**static final** String ***PREF\_USER\_NAME***= **"username"**;

**static final** String ***PREF\_TYPE*** = **"type"**;

**static final** String ***PREf\_CHAPID\_FOR\_USER*** = **"userChapterID"**;

**static** SharedPreferences getSharedPreferences(Context ctx) {

**return** PreferenceManager.*getDefaultSharedPreferences*(ctx);

}

**public static void** setUserName(Context ctx, String userName)

{

SharedPreferences.Editor editor = *getSharedPreferences*(ctx).edit();

editor.putString(***PREF\_USER\_NAME***, userName);

editor.commit();

}

**public static** String getUserName(Context ctx)

{

**return** *getSharedPreferences*(ctx).getString(***PREF\_USER\_NAME***, **""**);

}

**public static void** clearUserName(Context ctx)

{

SharedPreferences.Editor editor = *getSharedPreferences*(ctx).edit();

editor.clear(); *//clear all stored data*

editor.commit();

}

**public static void** setType(Context ctx, String type) {

SharedPreferences.Editor editor = *getSharedPreferences*(ctx).edit();

editor.putString(***PREF\_TYPE***, type);

editor.commit();

}

**public static** String getType(Context ctx) {

**return** *getSharedPreferences*(ctx).getString(***PREF\_TYPE***, **""**);

}

**public static void** setChap(Context ctx, String chap) {

SharedPreferences.Editor editor = *getSharedPreferences*(ctx).edit();

editor.putString(***PREf\_CHAPID\_FOR\_USER***, chap);

editor.commit();

}

**public static** String getChap(Context ctx) {

**return** *getSharedPreferences*(ctx).getString(***PREf\_CHAPID\_FOR\_USER***, **""**);

}

}

StateRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Finds state based on a user ID*

*\*/*

**public class** StateRequest **extends** StringRequest {

**private static final** String USER\_INFO\_REQUEST\_URL = **"http://fblays.a2hosted.com/getState.php"**;

**private** Map<String, String> params;

**public** StateRequest(**int** userID, Response.Listener<String> listener){

**super**(Request.Method.POST, USER\_INFO\_REQUEST\_URL, listener, **null**);

params = **new** HashMap<>();

params.put(**"userID"**, userID + **""**);

}

**public** Map<String, String> getParams(){

**return** params;

}

}

UpdateSaleRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Other admin on 1/4/2017.*

*\*/*

**public class** UpdateSaleRequest **extends** StringRequest {

**private static final** String ***DONATE\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/updateSaleInfo.php"**;

**private** Map<String, String> **params**;

**public** UpdateSaleRequest(String encoded\_string, String name, String condition1, String category, String description, **double** price, **int** typeID, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***DONATE\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"name"**, name);

**params**.put(**"condition1"**, condition1);

**params**.put(**"category"**, category);

**params**.put(**"description"**, description);

**params**.put(**"price"**, price + **""**);

**params**.put(**"encoded\_string"**, encoded\_string);

**params**.put(**"typeID"**, typeID+**""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

UpdateUserInfo.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.graphics.BitmapFactory;

**import** android.net.Uri;

**import** android.os.Bundle;

**import** android.os.Environment;

**import** android.provider.MediaStore;

**import** android.support.v7.app.AlertDialog;

**import** android.support.v7.app.AppCompatActivity;

**import** android.util.Base64;

**import** android.view.View;

**import** android.widget.AdapterView;

**import** android.widget.ArrayAdapter;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.Spinner;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.io.ByteArrayOutputStream;

**import** java.io.File;

**import** java.io.FileNotFoundException;

**import** java.io.InputStream;

**import static** com.example.izzy.fblays2.R.id.***stateSpinner***;

**public class** UpdateUserInfo **extends** AppCompatActivity {

**private** Spinner **spinner**;

**private** ArrayAdapter<CharSequence> **adapter**;

**public static final int *IMAGE\_GALLERY\_REQUEST*** = 736;

**private static final int *IMAGE\_CAM\_REQUEST*** = 534;

ImageView **profilePic**;

Bitmap **image**;

String **imageBit**, **state**;

EditText **etFirstName**, **etLastName**, **etEmail**, **etPassword**, **etCheckPassword**, **etCity**, **etZipcode**;

Button **updateBtn**;

ImageButton **returnBtn**;

**int id**, **chapterID**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_update\_user\_info***);

Intent getID = getIntent();

**id** = getID.getIntExtra(**"userID"**, 0);

**chapterID** = getID.getIntExtra(**"chapterID"**, 0);

**etFirstName** = (EditText) findViewById(R.id.***firstNameET***);

**etLastName** = (EditText) findViewById(R.id.***lastNameET***);

**etEmail** = (EditText) findViewById(R.id.***emailET***);

**etPassword** = (EditText) findViewById(R.id.***passET***);

**etCheckPassword** = (EditText) findViewById(R.id.***conPassET***);

**etCity** = (EditText) findViewById(R.id.***cityET***);

**etZipcode** = (EditText) findViewById(R.id.***zipcodeET***);

*//final Button takePicture = (Button)findViewById(R.id.buttonPic);*

*//final Button registerBtn = (Button) findViewById(R.id.RegBtn);*

**profilePic** = (ImageView)findViewById(R.id.***profilePicIV***);

**updateBtn** = (Button) findViewById(R.id.***updateBtn***);

**returnBtn** = (ImageButton)findViewById(R.id.***btnReturn***);

**spinner** = (Spinner)findViewById(***stateSpinner***);

**adapter** = ArrayAdapter.*createFromResource*(**this**, R.array.***state\_abs***,android.R.layout.***simple\_spinner\_item***);

**adapter**.setDropDownViewResource(android.R.layout.***simple\_spinner\_dropdown\_item***);

**spinner**.setAdapter(**adapter**);

**returnBtn**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

Intent goBack = **new** Intent(UpdateUserInfo.**this**, MainPage.**class**);

goBack.putExtra(**"chapterID"**, **chapterID**);

goBack.putExtra(**"userID"**, **id**);

startActivity(goBack);

finish();

}

});

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if**(success) {

**etFirstName**.setText(jsonResponse.getString(**"firstName"**));

**etLastName**.setText(jsonResponse.getString(**"lastName"**));

**etEmail**.setText(jsonResponse.getString(**"email"**));

**etCity**.setText(jsonResponse.getString(**"city"**));

**etZipcode**.setText(jsonResponse.getInt(**"zipcode"**) + **""**);

**etPassword**.setText(jsonResponse.getString(**"password"**));

**etCheckPassword**.setText(jsonResponse.getString(**"password"**));

String state = jsonResponse.getString(**"state"**);

ArrayAdapter<CharSequence> adapter = ArrayAdapter.*createFromResource*(UpdateUserInfo.**this**, R.array.***state\_abs***, android.R.layout.***simple\_spinner\_item***);

adapter.setDropDownViewResource(android.R.layout.***simple\_spinner\_dropdown\_item***);

**spinner**.setAdapter(adapter);

**if** (!state.equals(**null**)) {

**int** spinnerPosition = adapter.getPosition(state);

**spinner**.setSelection(spinnerPosition);

}

String path = jsonResponse.getString(**"path"**);

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/users/"** +path,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

**profilePic**.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

Toast.*makeText*(UpdateUserInfo.**this**, **"No current profile picture."**, Toast.***LENGTH\_LONG***).show();

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.*getInstance*(UpdateUserInfo.**this**).addToRequestQueue(request);

} **else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Could not retrieve info"**).setNegativeButton(**"Ok"**, **null**).create().show();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

GetUserInfoRequest userInfoRequest = **new** GetUserInfoRequest(**id**, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(UpdateUserInfo.**this**);

queue.add(userInfoRequest);

**spinner**.setOnItemSelectedListener(**new** AdapterView.OnItemSelectedListener() {

@Override

**public void** onItemSelected(AdapterView<?> adapterView, View view, **int** i, **long** l) {

**state** = (String)adapterView.getItemAtPosition(i);

}

@Override

**public void** onNothingSelected(AdapterView<?> adapterView) {

Toast.*makeText*(UpdateUserInfo.**this**, **"Nothing Selected"**, Toast.***LENGTH\_SHORT***).show();

}

});

}

**public void** onUpdateClicked(View view) {

**final** String firstName = **etFirstName**.getText().toString();

**final** String lastName = **etLastName**.getText().toString();

**final** String email = **etEmail**.getText().toString();

**final** String password = **etPassword**.getText().toString();

**final** String passwordCheck = **etCheckPassword**.getText().toString();

**final** String city = **etCity**.getText().toString();

**final** String zipcodeTest = **etZipcode**.getText().toString();

*//Log.e("Hello", getStringImage(image));*

**if**(zipcodeTest.isEmpty()){

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Do not leave fields empty!"**).setNegativeButton(**"Ok"**, **null**).create().show();

}

**else if**(!zipcodeTest.matches(**"^\\d+$"**) ){

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"That is not a valid zipcode"**).setNegativeButton(**"Ok"**, **null**).create().show();

}

**else** {

**final int** zipcode = Integer.*parseInt*(zipcodeTest);

**if**(**image** == **null**) {

**profilePic**.buildDrawingCache();

Bitmap bmap = **profilePic**.getDrawingCache();

**image** = bmap;

}

**if** (validation(firstName, lastName, email, password, passwordCheck, **state**, city, zipcode)) {

*//Toast.makeText(RegisterActivity.this, "WNG", Toast.LENGTH\_LONG).show();*

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if** (success) {

Intent intent = **new** Intent(UpdateUserInfo.**this**, MainPage.**class**);

intent.putExtra(**"userID"**, **id**);

intent.putExtra(**"chapterID"**, **chapterID**);

startActivity(intent);

finish();

}

**else if** (jsonResponse.getBoolean(**"error"**)) {

String error = jsonResponse.getString(**"error\_msg"**);

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(error).setNegativeButton(**"Retry"**, **null**).create().show();

}

**else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Register Failed"**).setNegativeButton(**"Retry"**, **null**).create().show();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

UpdateUserInfoRequest updateRequest = **new** UpdateUserInfoRequest(**id**, getStringImage(**image**), firstName, lastName, email, password, **state**, city, zipcode, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(UpdateUserInfo.**this**);

queue.add(updateRequest);

}

}

}

**public void** onTakePictureClicked2(View v) {

Intent photoPickerIntent = **new** Intent(Intent.***ACTION\_PICK***);

File pictureDirecory = Environment.*getExternalStoragePublicDirectory*(Environment.*DIRECTORY\_PICTURES*);

String pictureDirectoryPath = pictureDirecory.getPath();

Uri data = Uri.*parse*(pictureDirectoryPath);

photoPickerIntent.setDataAndType(data, **"image/\*"**);

startActivityForResult(photoPickerIntent, ***IMAGE\_GALLERY\_REQUEST***);

}

**public void** onCameraClicked2(View v) {

Intent cameraIntent = **new** Intent(MediaStore.***ACTION\_IMAGE\_CAPTURE***);

startActivityForResult(cameraIntent,***IMAGE\_CAM\_REQUEST***);

}

@Override

**protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data) {

*//super.onActivityResult(requestCode, resultCode, data);*

**if**(resultCode==***RESULT\_OK***) {

*//If we are here, everything processed successfully*

**if**(requestCode==***IMAGE\_GALLERY\_REQUEST***) {

*//If we are here, we are hearing back from the image gallery*

Uri imageUri = data.getData();

*//Declare a stream to read the image data from the SD card*

InputStream inputStream;

**try** {

inputStream = getContentResolver().openInputStream(imageUri);

**image** = BitmapFactory.*decodeStream*(inputStream);

**image** = Bitmap.*createScaledBitmap*(**image**, 300, 300, **true**);

**profilePic**.setImageBitmap(**image**);

**imageBit** = getStringImage(**image**);

} **catch** (FileNotFoundException e) {

e.printStackTrace();

Toast.*makeText*(**this**, **"Unable to open image"**, Toast.***LENGTH\_LONG***).show();

}

} **else if**(requestCode == ***IMAGE\_CAM\_REQUEST***) {

**image** = (Bitmap) data.getExtras().get(**"data"**);

**profilePic**.setImageBitmap(**image**);

**imageBit** = getStringImage(**image**);

}

}

}

**public** String getStringImage(Bitmap bmp) {

ByteArrayOutputStream baos = **new** ByteArrayOutputStream();

bmp.compress(Bitmap.CompressFormat.***JPEG***, 100, baos);

**byte**[] imageBytes = baos.toByteArray();

String encodedImage = Base64.*encodeToString*(imageBytes, Base64.***DEFAULT***);

**return** encodedImage;

}

**public boolean** validation(String firstName, String lastName, String email, String password, String passwordCheck, String state, String city, **int** zipcode){

**if**(firstName.isEmpty() || lastName.isEmpty() || email.isEmpty() || password.isEmpty() || passwordCheck.isEmpty() || state.isEmpty()|| city.isEmpty() || (zipcode + **""**).isEmpty()){

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Do not leave fields empty!"**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**if**(state.equals(**"State"**)){

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Please select a state."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**if**(!(email.contains(**"@"**) || email.contains(**"."**))){

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Invalid email address."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**if**(!password.equals(passwordCheck)){

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Passwords do not match."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(password.length() > 30){

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Your password exceeds the limit of 30 characters."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(firstName.length() > 16){

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Your first name exceeds the limit of 16 characters."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(lastName.length() > 30){

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Your last name exceeds the limit of 30 characters."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(email.length() > 50){

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Your email exceeds the limit of 50 characters."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(state.length() > 2){

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Your state exceeds the limit of 2 characters."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**(city.length() > 30){

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Your city exceeds the limit of 30 characters."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**else if**((zipcode + **""**).length() != 5){

AlertDialog.Builder builder = **new** AlertDialog.Builder(UpdateUserInfo.**this**);

builder.setMessage(**"Your zipcode does not exist."**).setNegativeButton(**"Ok"**, **null**).create().show();

**return false**;

}

**return true**;

}

}

UpdateUserInfoRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Izzy on 12/13/2016.*

*\*/*

**public class** UpdateUserInfoRequest **extends** StringRequest {

**private static final** String ***REGISTER\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/updateUserInfo.php"**;

**private** Map<String, String> **params**;

**public** UpdateUserInfoRequest(**int** id, String encoded\_string, String firstName, String lastName, String email, String password, String state, String city, **int** zipcode, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***REGISTER\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"id"**, id + **""**);

**params**.put(**"encoded\_string"**, encoded\_string);

**params**.put(**"firstName"**, firstName);

**params**.put(**"lastName"**, lastName);

**params**.put(**"email"**, email);

**params**.put(**"password"**, password);

**params**.put(**"state"**, state);

**params**.put(**"city"**, city);

**params**.put(**"zipcode"**, zipcode + **""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

UploadImageRequest.java

**package** com.example.izzy.fblays2;

**import** com.android.volley.Request;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.StringRequest;

**import** java.util.HashMap;

**import** java.util.Map;

*/\*\**

*\* Created by Izzy on 12/29/2016.*

*\*/*

**public class** UploadImageRequest **extends** StringRequest{

**private static final** String ***UPLOAD\_REQUEST\_URL*** = **"http://fblays.a2hosted.com/uploadPic.php"**;

**private** Map<String, String> **params**;

**public** UploadImageRequest(String encoded\_string, String image\_name, Response.Listener<String> listener){

**super**(Request.Method.***POST***, ***UPLOAD\_REQUEST\_URL***, listener, **null**);

**params** = **new** HashMap<>();

**params**.put(**"encoded\_string"**, encoded\_string + **""**);

**params**.put(**"image\_name"**, image\_name + **""**);

}

**public** Map<String, String> getParams(){

**return params**;

}

}

User.java

**package** com.example.izzy.fblays2;

*/\*\**

*\* Created by user on 2/8/2017.*

*\*/*

**public class** User {

**int userID**, **chapterID**, **zipcode**;

String **firstName**, **lastName**, **email**, **password**, **state**, **city**, **profilePicPath**;

**public** User(**int** userID, String firstName, String lastName, String email, String password, String state, String city, **int** zipcode,**int** chapterID, String profilePicPath) {

**this**.**userID** = userID;

**this**.**chapterID** = chapterID;

**this**.**firstName** = firstName;

**this**.**lastName** = lastName;

**this**.**email** = email;

**this**.**password** = password;

**this**.**state** = state;

**this**.**city** = city;

**this**.**zipcode** = zipcode;

**this**.**profilePicPath** = profilePicPath;

}

**public int** getUserID() {

**return userID**;

}

**public void** setUserID(**int** userID) {

**this**.**userID** = userID;

}

**public int** getChapterID() {

**return chapterID**;

}

**public void** setChapterID(**int** chapterID) {

**this**.**chapterID** = chapterID;

}

**public** String getFirstName() {

**return firstName**;

}

**public void** setFirstName(String firstName) {

**this**.**firstName** = firstName;

}

**public** String getLastName() {

**return lastName**;

}

**public void** setLastName(String lastName) {

**this**.**lastName** = lastName;

}

**public** String getEmail() {

**return email**;

}

**public void** setEmail(String email) {

**this**.**email** = email;

}

**public** String getPassword() {

**return password**;

}

**public void** setPassword(String password) {

**this**.**password** = password;

}

**public** String getState() {

**return state**;

}

**public void** setState(String state) {

**this**.**state** = state;

}

**public** String getCity() {

**return city**;

}

**public void** setCity(String city) {

**this**.**city** = city;

}

**public int** getZipcode() {

**return zipcode**;

}

**public void** setZipcode(**int** zipcode) {

**this**.**zipcode** = zipcode;

}

**public** String getProfilePicPath() {

**return profilePicPath**;

}

**public void** setProfilePicPath(String profilePicPath) {

**this**.**profilePicPath** = profilePicPath;

}

}

UserHelp.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.graphics.PixelFormat;

**import** android.net.Uri;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.VideoView;

**public class** UserHelp **extends** AppCompatActivity {

ImageButton **Return**, **Play**;

**int userID**, **chapterID**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_user\_help***);

**Play** = (ImageButton)findViewById(R.id.***btnPlay***);

**Return** = (ImageButton)findViewById(R.id.***btnReturn***);

*//mVideoView2.setVideoPath("android.resource://" + getPackageName() + "/" +R.raw.purchaseitem);*

Intent intent = getIntent();

**userID** = intent.getIntExtra(**"userID"**, 0);

**chapterID** = intent.getIntExtra(**"chapterID"**, 0);

**Play**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

startActivity(**new** Intent(Intent.***ACTION\_VIEW***,Uri.*parse*(**"https://youtu.be/t8Ynkgnfid4"**)));

}

});

**Return**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Intent goBack = **new** Intent(UserHelp.**this**, MainPage.**class**);

goBack.putExtra(**"userID"**, **userID**);

goBack.putExtra(**"chapterID"**, **chapterID**);

startActivity(goBack);

finish();

}

});

}

}

UserHomeFragment.java

**package** com.example.izzy.fblays2;

**import** android.app.ProgressDialog;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.net.Uri;

**import** android.os.Bundle;

**import** android.support.v4.app.Fragment;

**import** android.support.v7.widget.RecyclerView;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**public class** UserHomeFragment **extends** Fragment {

RecyclerView **recyclerView**;

BackgroundTaskUserHome **backgroundTaskUserHome**;

ProgressDialog **progressDialog**;

**public** UserHomeFragment() {

*// Required empty public constructor*

}

@Override

**public void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

}

@Override

**public** View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

View view = inflater.inflate(R.layout.***activity\_user\_home***, container, **false**);

**recyclerView** = (RecyclerView) view.findViewById(R.id.***recyclerViewUserHome***);

*// Inflate the layout for this fragment*

Intent intent = getActivity().getIntent();

**int** chapterID = intent.getIntExtra(**"chapterID"**, 0);

**int** userID = intent.getIntExtra(**"userID"**, 0);

**if**(chapterID == -1){

Intent joinChap = **new** Intent(getActivity(), JoinChapter.**class**);

joinChap.putExtra(**"userID"**, userID);

joinChap.putExtra(**"activity"**, **"Home"**);

startActivity(joinChap);

getActivity().finish();

} **else** {

startBT(userID, chapterID, **recyclerView**);

}

**return** view;

}

**public void** startBT(**int** userID, **int** chapterID, RecyclerView recyclerView){

*//new BackgroundTaskUserHome(getActivity(), userID, chapterID, recyclerView).execute();*

**backgroundTaskUserHome** = **new** BackgroundTaskUserHome(getActivity(), userID, chapterID, recyclerView);

**progressDialog** = **backgroundTaskUserHome**.getProgressDialog();

**backgroundTaskUserHome**.execute();

}

@Override

**public void** onDestroy()

{

**super**.onDestroy();

**if** (**progressDialog**!=**null** && **progressDialog**.isShowing()){

**progressDialog**.dismiss();

}

}

}

UserList.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**public class** UserList **extends** AppCompatActivity {

**int chapterID**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_user\_list***);

Intent intent = getIntent();

**chapterID** = intent.getIntExtra(**"chapterID"**, 0);

*//BackgroundTaskUserList backgroundTask = new BackgroundTaskUserList(UserList.this, chapterID);*

*//backgroundTask.execute();*

}

}

UserNotification.java

**package** com.example.izzy.fblays2;

*/\*\**

*\* Created by user on 2/7/2017.*

*\*/*

**public class** UserNotification {

**int id**, **userID**, **typeID**;

String **type**, **name**, **schoolName**;

**public** UserNotification(**int** id, String type, **int** userID, **int** typeID, String name, String schoolName) {

**this**.**id** = id;

**this**.**userID** = userID;

**this**.**typeID** = typeID;

**this**.**type** = type;

**this**.**name** = name;

**this**.**schoolName**=schoolName;

}

**public** UserNotification(**int** id, String type, **int** userID, **int** typeID) {

**this**.**id** = id;

**this**.**userID** = userID;

**this**.**typeID** = typeID;

**this**.**type** = type;

}

**public int** getId() {

**return id**;

}

**public void** setId(**int** id) {

**this**.**id** = id;

}

**public int** getUserID() {

**return userID**;

}

**public void** setUserID(**int** userID) {

**this**.**userID** = userID;

}

**public int** getTypeID() {

**return typeID**;

}

**public void** setTypeID(**int** typeID) {

**this**.**typeID** = typeID;

}

**public** String getType() {

**return type**;

}

**public void** setType(String type) {

**this**.**type** = type;

}

**public** String getName() {

**return name**;

}

**public void** setName(String name) {

**this**.**name** = name;

}

**public** String getSchoolName() {

**return schoolName**;

}

**public void** setSchoolName(String schoolName) {

**this**.**schoolName** = schoolName;

}

}

UserNotificationList.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.support.v7.widget.RecyclerView;

**public class** UserNotificationList **extends** AppCompatActivity {

**int userID**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_user\_notification\_list***);

Intent intent = getIntent();

**userID** = intent.getIntExtra(**"userID"**, 0);

RecyclerView recyclerView = (RecyclerView) findViewById(R.id.***recyclerView***);

BackgroundTaskUser backgroundTask = **new** BackgroundTaskUser(UserNotificationList.**this**, **userID**, 0, recyclerView);

backgroundTask.execute();

}

}

UserProfileFragment.java

**package** com.example.izzy.fblays2;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.net.Uri;

**import** android.os.Bundle;

**import** android.support.v4.app.Fragment;

**import** android.support.v7.app.AlertDialog;

**import** android.view.LayoutInflater;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.Button;

**import** android.widget.ImageButton;

**import** android.widget.ImageView;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**public class** UserProfileFragment **extends** Fragment **implements** View.OnClickListener {

Button **Leave**, **Join**, **LogOut**;

ImageButton **Settings**, **Help**;

TextView **Name**, **Email**, **City**, **State**, **Zipcode**;

ImageView **profilePic**;

**int userID**, **chapterID**;

**public** UserProfileFragment() {

*// Required empty public constructor*

}

@Override

**public void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

Intent intent = getActivity().getIntent();

**userID** = intent.getIntExtra(**"userID"**, 0);

**chapterID** = intent.getIntExtra(**"chapterID"**, 0);

}

@Override

**public** View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

*// Inflate the layout for this fragment*

View view = inflater.inflate(R.layout.***activity\_user\_profile***, container, **false**);

**Settings** = (ImageButton)view.findViewById(R.id.***btnSettings***);

**Help** = (ImageButton)view.findViewById(R.id.***btnHelp***);

**Leave** = (Button)view.findViewById(R.id.***leaveBtn***);

**Join** = (Button)view.findViewById(R.id.***joinBtn***);

**Name** = (TextView)view.findViewById(R.id.***nameTV***);

**Email** = (TextView)view.findViewById(R.id.***emailTV***);

**City** = (TextView)view.findViewById(R.id.***cityTV***);

**State** = (TextView)view.findViewById(R.id.***stateTV***);

**Zipcode** = (TextView)view.findViewById(R.id.***zipcodeTV***);

**profilePic** = (ImageView)view.findViewById(R.id.***profilePicIV***);

**LogOut** = (Button)view.findViewById(R.id.***btnLogOut***);

**Leave**.setOnClickListener(**this**);

**Settings**.setOnClickListener(**this**);

**Join**.setOnClickListener(**this**);

**Help**.setOnClickListener(**this**);

**LogOut**.setOnClickListener(**this**);

**if**(**chapterID** == -1){

**Leave**.setVisibility(View.***INVISIBLE***);

}

**else**{

**Join**.setVisibility(View.***INVISIBLE***);

}

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if**(success) {

**Name**.setText(jsonResponse.getString(**"firstName"**)+**" "**+jsonResponse.getString(**"lastName"**));

**Email**.setText(jsonResponse.getString(**"email"**));

**City**.setText(jsonResponse.getString(**"city"**) + **", "**);

**Zipcode**.setText(jsonResponse.getInt(**"zipcode"**) + **""**);

**State**.setText(jsonResponse.getString(**"state"**));

**if**(jsonResponse.getInt(**"chapterID"**) == -1) {

**Join**.setVisibility(View.***VISIBLE***);

} **else** {

**Leave**.setVisibility(View.***VISIBLE***);

}

String path = jsonResponse.getString(**"path"**);

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/users/"** +path,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

**profilePic**.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

Toast.*makeText*(getActivity(), **"No current profile picture."**, Toast.***LENGTH\_LONG***).show();

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.*getInstance*(getActivity()).addToRequestQueue(request);

} **else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(getActivity());

builder.setMessage(**"Could not retrieve info"**).setNegativeButton(**"Ok"**, **null**).create().show();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

GetUserInfoRequest userInfoRequest = **new** GetUserInfoRequest(**userID**, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(getActivity());

queue.add(userInfoRequest);

**return** view;

}

@Override

**public void** onClick(View v) {

**switch** (v.getId()){

**case** R.id.***joinBtn***:

Intent joinChap = **new** Intent(getActivity(), JoinChapter.**class**);

joinChap.putExtra(**"userID"**, **userID**);

joinChap.putExtra(**"chapterID"**, **chapterID**);

startActivity(joinChap);

getActivity().finish();

**break**;

**case** R.id.***leaveBtn***:

Response.Listener<String> responseListener2 = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if**(success) {

Intent intent2 = **new** Intent(getActivity(), MainPage.**class**);

intent2.putExtra(**"userID"**, **userID**);

intent2.putExtra(**"chapterID"**, -1);

getActivity().startActivity(intent2);

getActivity().finish();

} **else** {

AlertDialog.Builder builder = **new** AlertDialog.Builder(getActivity());

builder.setMessage(**"Could not leave chapter."**).setNegativeButton(**"Ok"**, **null**).create().show();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

LeaveChapterRequest leaveRequest = **new** LeaveChapterRequest(**userID**, responseListener2);

RequestQueue queue = Volley.*newRequestQueue*(getActivity());

queue.add(leaveRequest);

**break**;

**case** R.id.***btnSettings***:

Intent toSettings = **new** Intent(getActivity(), UpdateUserInfo.**class**);

toSettings.putExtra(**"userID"**, **userID**);

toSettings.putExtra(**"chapterID"**, **chapterID**);

startActivity(toSettings);

getActivity().finish();

**break**;

**case** R.id.***btnHelp***:

Intent toHelp = **new** Intent(getActivity(), UserHelp.**class**);

toHelp.putExtra(**"userID"**, **userID**);

toHelp.putExtra(**"chapterID"**, **chapterID**);

startActivity(toHelp);

getActivity().finish();

**break**;

**case** R.id.***btnLogOut***:

SaveSharedPreference.*clearUserName*(getContext());

Intent logOut = **new** Intent(getContext(), LauncherScreen.**class**);

startActivity(logOut);

getActivity().finish();

}

}

}

ViewComments.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.ImageButton;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**public class** ViewComments **extends** AppCompatActivity {

ImageButton **Comment**;

Button **Return**;

EditText **LeaveComment**;

**int saleID**, **userID**, **chapterID**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_view\_comments***);

**Comment** = (ImageButton)findViewById(R.id.***commentBtn***);

**Return** = (Button)findViewById(R.id.***btnReturn***);

**LeaveComment** = (EditText)findViewById(R.id.***commentET***);

Intent intent = getIntent();

**saleID** = intent.getIntExtra(**"saleID"**, 0);

**userID** = intent.getIntExtra(**"userID"**, 0);

**chapterID** = intent.getIntExtra(**"chapterID"**, 0);

**new** BackgroundTaskComment(ViewComments.**this**, **saleID**).execute();

**Return**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

finish();

}

});

**Comment**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

String comment = **LeaveComment**.getText().toString();

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if** (success) {

*//Toast.makeText(ViewComments.this, "GOOD", Toast.LENGTH\_LONG).show();*

Intent refresh = **new** Intent(ViewComments.**this**, ViewComments.**class**);

refresh.putExtra(**"userID"**, **userID**);

refresh.putExtra(**"saleID"**, **saleID**);

refresh.putExtra(**"chapterID"**, **chapterID**);

startActivity(refresh);

finish();

} **else** {

Intent refresh2 = **new** Intent(ViewComments.**this**, ViewComments.**class**);

refresh2.putExtra(**"userID"**, **userID**);

refresh2.putExtra(**"saleID"**, **saleID**);

refresh2.putExtra(**"chapterID"**, **chapterID**);

startActivity(refresh2);

finish();

}

} **catch** (JSONException e) {

e.printStackTrace();

}

}

};

CommentRequest confirmDonationRequest = **new** CommentRequest(comment, **saleID**, **userID**, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(ViewComments.**this**);

queue.add(confirmDonationRequest);

}

});

}

}

ViewUser.java

**package** com.example.izzy.fblays2;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.ImageView;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** com.android.volley.RequestQueue;

**import** com.android.volley.Response;

**import** com.android.volley.VolleyError;

**import** com.android.volley.toolbox.ImageRequest;

**import** com.android.volley.toolbox.Volley;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**public class** ViewUser **extends** AppCompatActivity {

ImageView **profilePic**;

Button **Kick**, **Return**;

TextView **Email**, **State**, **City**, **Zip**;

**int userID**;

**int chapterID**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_view\_user***);

Intent intent = getIntent();

**userID** = intent.getIntExtra(**"userID"**, 0);

**chapterID** = intent.getIntExtra(**"chapterID"**, 0);

String firstName = intent.getStringExtra(**"firstName"**);

String lastName = intent.getStringExtra(**"lastName"**);

String email = intent.getStringExtra(**"email"**);

String state = intent.getStringExtra(**"state"**);

String city = intent.getStringExtra(**"city"**);

**int** zipCode = intent.getIntExtra(**"zipcode"**, 0);

String profilePicPath = intent.getStringExtra(**"profilePicPath"**);

**profilePic** = (ImageView)findViewById(R.id.***profilePic***);

**Kick** = (Button)findViewById(R.id.***btnKick***);

**Return** = (Button)findViewById(R.id.***btnReturn***);

**Email** = (TextView)findViewById(R.id.***txtEmail***);

**State** = (TextView)findViewById(R.id.***txtState***);

**City** = (TextView)findViewById(R.id.***txtCity***);

**Zip** = (TextView)findViewById(R.id.***txtZip***);

**Zip**.setText(**"Zip Code: "**+zipCode);

**Email**.setText(email);

**State**.setText(**"State: "**+state);

**City**.setText(**"City: "**+city);

ImageRequest request = **new** ImageRequest(**"http://fblays.a2hosted.com/images/users/"** +profilePicPath,

**new** Response.Listener<Bitmap>() {

@Override

**public void** onResponse(Bitmap bitmap) {

**profilePic**.setImageBitmap(bitmap);

}

}, 0, 0, **null**,

**new** Response.ErrorListener() {

**public void** onErrorResponse(VolleyError error) {

Toast.*makeText*(ViewUser.**this**, **"User does not have profile picture."**, Toast.***LENGTH\_LONG***).show();

}

});

*// Access the RequestQueue through your singleton class.*

MySingleton.*getInstance*(ViewUser.**this**).addToRequestQueue(request);

**Kick**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Response.Listener<String> responseListener = **new** Response.Listener<String>() {

@Override

**public void** onResponse(String response) {

**try** {

JSONObject jsonResponse = **new** JSONObject(response);

**boolean** success = jsonResponse.getBoolean(**"success"**);

**if**(success){

Intent backToUsers = **new** Intent(ViewUser.**this**, ChapterMainPage.**class**);

backToUsers.putExtra(**"chapterID"**, **chapterID**);

startActivity(backToUsers);

finish();

}**else**{

*//setTitle("izzy is nerd");*

Toast.*makeText*(ViewUser.**this**, **"Error in kicking user"**, Toast.***LENGTH\_LONG***).show();

}

}

**catch** (JSONException e){

e.printStackTrace();

}

}

};

KickUserRequest kickUserRequest = **new** KickUserRequest(**userID**, responseListener);

RequestQueue queue = Volley.*newRequestQueue*(ViewUser.**this**);

queue.add(kickUserRequest);

}

});

**Return**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Intent returnToUsers = **new** Intent(ViewUser.**this**, ChapterMainPage.**class**);

returnToUsers.putExtra(**"chapterID"**, **chapterID**);

startActivity(returnToUsers);

finish();

}

});

setTitle(firstName+**" "**+lastName);

}

}