android:label="@string/app_name"
android:theme="@style/AppTheme"
android:theme="@style/AppTheme"

```
PushService.setDefaultPushCallback(this, CareeHome.class);
41
    45
                  ParseInstallation.getCurrentInstallation().saveInBackground();
    46
                  PushService.subscribe(this, "Carees", CareeHome.class);
    47
    48 +
                  final TextView textViewToChange = (TextView) findViewById(R.id.loggedCaree);
    49 +
                  textViewToChange.setText("You are logged in as - " + firstName + " " + lastName);
    50
                  //ParseAnalytics.trackAppOpened(getIntent()); // For Tracking
             3
                }
              public void initiateAlert(View view){
                ParseUser currentUser = ParseUser.getCurrentUser();
                 String firstName = currentUser.getString("firstName");
                String lastName = currentUser.getString("lastName");
    70
                // Send Alarm to server
                 ParseObject testObject = new ParseObject("Alarm");
                 testObject.put("Name", "Harlan Wade");
testObject.put("Name", firstName + " " + lastName);
                  testObject.put("Activated", true);
                  testObject.saveInBackground();
    74
                  // Notify Carers on Alarm
                  ParsePush push = new ParsePush();
                  push.setChannel("Carers");
                  push.setMessage("Harlan Wade needs HELP!!!");
                  push.setMessage(firstName + " " + lastName + " needs HELP!!!");
                  push.sendInBackground();
    81
70
                Intent intent = new Intent(this, HandleAlert.class);
    82
    83
                startActivity(intent);
             3
74
              public void checkIn(View view){
    86
             public void checkIn(View view) throws ParseException{
    87
                ParseUser currentUser = ParseUser.getCurrentUser();
    88
                String firstName = currentUser.getString("firstName");
                String lastName = currentUser.getString("lastName");
                // Check In with database
                  ParseObject testObject = new ParseObject("Check_In");
                  testObject.put("Name", "Harlan Wade");
                  testObject.saveInBackground();
                 ParseObject testObject = ParseObject.create("Check_In");
                 testObject.put("Name", firstName + " " + lastName);
    94
                  testObject.save();
                  testObject.fetch();
    96
                  currentUser.put("lastCheckInId", testObject.getObjectId());
                  currentUser.saveInBackaround():
    99
                  // Notify Carers on Check-In
                  ParsePush push = new ParsePush();
                  push.setChannel("Carers");
    101
                  push.setMessage("Harlan Wade just checked in!");
                  push.setMessage(firstName + " " + lastName + " just checked in!");
                  push.sendInBackground();
    104
                  Intent intent = new Intent(this, CheckInConfirm.class);
```

```
Side-by-side diff
                                                                                                                              View file
EmergencyButton/src/group4/emergencybutton/CarerHome.java
         package group4.emergencybutton;
        +import java.util.ArrayList;
     4
        +import java.util.List;
        +import com.parse.FindCallback;
     6
        +import com.parse.GetCallback;
        import com.parse.Parse;
     9
        import com.parse.ParseInstallation;
        +import com.parse.ParseObject;
         import com.parse.ParseUser;
         import com.parse.PushService;
        +import com.parse.ParseOuerv:
```

```
14 +import com.parse.ParseException;
8
         import android.os.Bundle;
         import android.app.Activity;
    18
        import android.content.Intent:
        +import android.util.Log;
         import android.view.Menu;
         import android.widget.ArrayAdapter;
         import android.widget.ListView:
         public class CarerHome extends Activity {
    26
                ListView careeList :
                ListView careeList;
                @Override
                protected void onCreate(Bundle savedInstanceState) {
                        super.onCreate(savedInstanceState):
                        setContentView(R.layout.activity_carer_home);
                 // Initialize Parse
                 Parse.initialize(this, "MVq1PZGssKpeTZAWjqvqljViUY1FE1WtyZiuVDTa", "TUfSe1TeyJNCQAtTrUXuM7Rpeyv25wvoRhun9LkR");
                 Parsellser currentliser = Parsellser get(urrentliser():
    34
                 String usertype = currentUser.get("Type").toString();
                 if ((currentUser != null) && (usertype.equals("Carer"))) {
                   // do stuff with the user
                     TextView textView = (TextView) findViewById(R.id.loggedCarer);
                     textView.setText("You are logged in as - Carer "+currentUser.get("username").toString());
                     // Save the current Installation to Parse.
                     PushService.setDefaultPushCallback(this, CarerHome.class);
                     ParseInstallation.getCurrentInstallation().saveInBackground();
                     PushService.subscribe(this, "Carers", CarerHome.class);
                     // Get ListView object from xml
                     careeList = (ListView) findViewById(R.id.CareeList);
43
                     String[] values = new String[] { "Ben | Last Check-In: 1 hour 5 minutes ago",
                              "Tom | Last Check-In: 3 minutes ago",
46
                             };
                   // do stuff with the user
                   // Save the current Installation to Parse.
                   PushService.setDefaultPushCallback(this, CarerHome.class);
                   ParseInstallation.aet(urrentInstallation().saveInBackaround():
    41
                   PushService.subscribe(this, "Carers", CarerHome.class);
    42
    43
                        //Get carees for current carer
    45
                        ArrayList<String> usernames = new ArrayList<String>();
                        ArrayList<ParseObject> carees = new ArrayList<ParseObject>();
    46
    47
                        ArrayList<String> values = new ArrayList<String>();
    49
                        ParseQuery<ParseObject> query = ParseQuery.getQuery("CarerCarees");
                        query.whereEqualTo("Carer", currentUser.getUsername());
                        List<ParseObject> carerCarees = null;
                                try {
                                         carerCarees = query.find();
                                } catch (ParseException e1) {
                                         e1.printStackTrace();
    56
                                3
                        if (carer(arees != null) {
    60
                                 for (ParseObject object : carerCarees) {
                                for (Object username : (ArrayList) object.get("Carees")) {
                                                usernames.add(username.toString());
                                         }
                                }
                        3
                        if (usernames != null) {
                             for (String username : usernames) {
                                //Get the user from parse, and get their last check-in, and put it into the values array.
    70
                                ParseQuery<ParseUser> userQuery = ParseUser.getQuery();
                                userQuery.whereEqualTo("username", username);
```

```
72 +
                                         //TODO: Below isn't working...
    74
                                         List<ParseUser> users = userOuerv.find():
                                         for (ParseObject caree : users) {
    76
                                                carees.add(caree);
    78
                                                } catch (ParseException e) {
                                                        e.printStackTrace();
    80
    81
                             }
    82
                        }
    83
    84
                        if (carees != null) {
    85
                                ParseObject checkIn = null;
                             for (ParseObject caree : carees) {
    87
                                         ParseQuery<ParseObject> getQuery = ParseQuery.getQuery("Check_In");
    89
                                                         checkIn = getQuery.get(caree.getString("lastCheckInId"));
    90
    91
                                                 values.add(checkIn.getString("Name") + " | last Check-In: " + checkIn.getCreatedAt().to
                                                } catch (ParseException e1) {
                                                         e1.printStackTrace():
    94
                             }
    96
                        }
    98
                        // Get ListView object from xml
    99
                        careeList = (ListView) findViewById(R.id.CareeList);
    100 +
    101
                    ArrayAdapter<String> adapter = new ArrayAdapter<String>(this,
                    android.R.layout.simple_list_item_1, android.R.id.text1, values);
                     // Assign adapter to ListView
    105
                    careeList.setAdapter(adapter);
    106 +
    107 +
                    String firstName = currentUser.getString("firstName");
    108 +
                           String lastName = currentUser.getString("lastName");
    109 +
                    final TextView textViewToChange = (TextView) findViewById(R.id.loggedCarer);
    110 +
                    textViewToChange.setText("You are logged in as - " + firstName + " " + lastName);
    111 +
                 } else {
                     // show the signup or login screen
                        Intent intent = new Intent(this, Login.class);
                }
              @Override
    120 +
    121 +
                @Override
             public boolean onCreateOptionsMenu(Menu menu) {
                // No Menu
66
    124
                 return false;
```

```
EmergencyButton/src/group4/emergencybutton/DefaultApplication.java
                                                                                                             Side-by-side diff
                                                                                                                               View file
        +package group4.emergencybutton;
        +import com.parse.Parse;
     4
        +import android.app.Application;
        +import android.content.Intent;
     6
        +public class DefaultApplication extends Application {
     8
     9
    10
             @Override
             public void onCreate() {
                 super.onCreate();
                        Parse.initialize(this, "MVq1PZGssKpeTZAWjqvgljViUY1FE1WtyZiuVDTa", "TUfSe1TeyJNCQAtTrUXuM7Rpeyv25wvoRhun9LkR");
    13 +
    14
             }
    16 +}
```

```
EmergencyButton/src/group4/emergencybutton/HandleAlert.java
                                                                                                             Side-by-side diff
                                                                                                                              View file
                        super.onCreate(savedInstanceState):
18
19
    19
                         setContentView(R.layout.activity_handle_alert);
20
    20
                         Parse.initialize(this, "MVq1PZGssKpeTZAWjqvgljViUY1FE1WtyZiuVDTa", "TUfSe1TeyJNCQAtTrUXuM7Rpeyv25wvoRhun9LkR");
                 ParseUser currentUser = ParseUser.getCurrentUser();
24
                 String usertype = currentUser.get("Type").toString();
                 if ((currentUser != null) && (usertype.equals("Caree"))) {
    42
                // Cancel Alert and Bring user back to home
                public void cancelAlert(View view){
    44
                         // Tell Server to Cancel Alarm
46
    45
                        ParseUser currentUser = ParseUser.aetCurrentUser():
    46
                 ParseObject testObject = new ParseObject("Alarm");
                 testObject.put("Name", "Harlan Wade");
    47
                 testObject.put("Name", currentUser.getString("firstName") + " " + currentUser.getString("lastName")); \\
49
    48
                 testObject.put("Activated", false);
                 testObject.saveInBackground();
    50
                 // Notify Carers on Cancel
                 ParsePush push = new ParsePush();
54
                 push.setChannel("Carers");
                 push.setMessage("Harlan Wade has cancelled his/her alarm.");
                 push.setMessage(currentUser.getString("firstName") + " " + currentUser.getString("lastName") + " has cancelled his/her
                 push.sendInBackground();
                        Intent intent = new Intent(this, CareeHome.class);
```

```
EmergencyButton/src/group4/emergencybutton/Login.java
                                                                                                              Side-by-side diff
                                                                                                                               View file
          import com.parse.ParseUser;
         import android.os.Bundle:
8
         import android.app.Activity;
         +import android.app.Application;
         import android.content.Intent;
10
         import android.view.Menu;
         import android.view.View;
E
    18
                protected void onCreate(Bundle savedInstanceState) {
                         super.onCreate(savedInstanceState);
                         setContentView(R.layout.activity_login);
                         Parse.initialize(this, "MVq1PZGssKpeTZAWjqvgljViUY1FE1WtyZiuVDTa", "TUfSe1TeyJNCQAtTrUXuM7Rpeyv25wvoRhun9LkR");
24
```

```
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