

```
"Content-Type": "application/json"
45
         3)
46
     result = json.loads(connection.getresponse().read())
47
   +print result '''
48 +
49 +import json,httplib
50
   +connection = httplib.HTTPSConnection('api.parse.com', 443)
   +connection.connect()
   +connection.request('POST', '/1/functions/send_push', json.dumps({
          }), {
54
            "X-Parse-Application-Id": "MVa1PZGssKpeTZAWiavaliViUY1FE1WtvZiuVDTa".
            "X-Parse-REST-API-Key": "jSnTsnBTx89Bz68dJlRy8EAFRYwpdaeNgigjGZZQ",
56
            "Content-Type": "application/json"
         })
58 +result = json.loads(connection.getresponse().read())
59 print result
```

```
Side-by-side diff
                                                                                                                               View file
36
    36
         require('cloud/app.js');
    38
        +Parse.Cloud.define("send_push", function(request, response) {
    39
                //Parse.Cloud.useMasterKey();
    40
                Parse.Cloud.run('get_active_alarms', {}, {
    41
                         success: function(result2) {
                                 result = JSON.parse(result2);
    43
                                 for(i=0; i<result.length; i++)</pre>
     45
                                         console.log(result[i].username);
                                         var channel = result[i].username;
    47
                                         var alert_string = "";
                                         alert_string += channel;
                                         alert_string += " still needs help!";
    50
                                         Parse.Push.send({
                                                 channels: [ channel ],
                                                  data: {
                                                         alert: alert_string
    54
                                                 }
                                                 }, {
    56
                                                  success: function() {
                                                 // Push was successful
                                                         console.log("push it");
                                                 },
                                                 error: function(error) {
                                                         // Handle error
                                                 3
                                         });
    64
                                 }
                        },
                         error: function(error)
                         {
    68
                                 console.error("mofo");
                        3
    70
        +
                response.success("job's done");
        +});
    74
38
         Parse.Cloud.job("check_last_check_in_time", function(request, status) {
                Parse.Cloud.useMasterKev():
                var userquery = new Parse.Query("User");
41
                var checkinquery;
                userquery.equalTo("Type", "Caree");
43
                var timeout = 60;
    81
                var obj_list = [];
    82
                //var timeout = 60*60*24//in seconds - seconds, minutes, hours - 24 hours
45
                userguery.each(function(user) {
                         //iterate through every user
47
                        checkinquery = new Parse.Query("Check_In");
                         var checkinID = user.get("lastCheckInId");
                         //console.log(user);
    84
                Parse.Cloud.run('get_active_alarms', {}, {
    85
                success: function(result2) {
    86
                         checkinquery.get(checkinID, {
                         /\!/\!i have no fucking idea why this is necessary but it doesn't work otherwise
```

```
var result3 = ""
    89
                        result3 = String(result2);
    90
                        var result = JSON.parse(result3);
                        userquery.each(function(user)
    93
    94
                         //iterate through every user
                                 console.log(user);
    96
                                 checkinquery = new Parse.Query("Check_In");
                                 var checkinID = user.get("lastCheckInId");
    98
                                 //console.log(user);
                                 checkinguerv.get(checkinID, {
                                 success: function(checkin_object)
    101
                                 {
                                         console.log(checkinID);
                                         time_sent = checkin_object.updatedAt;
58
                                         var diff = Math.abs(new Date() - time_sent);
                                         diff = diff/1000; //time in seconds since last check in
                                         console.log(diff)
                                         console.log(diff);
                                         if(diff>timeout)
                                         if(diff>=timeout)
    110 +
                                                  console.log("diff too large!");
                                                  //aka, this person is over the check in timer. grab the list of active alarms to see if
                                                  Parse.Cloud.run('get_active_alarms', {}, {
                                                  success: function(result2) {
                                                          //console.log(result2);
                                                          //i have no fucking idea why this is necessary but it doesn't work otherwise
                                                         var result3 = ""
                                                          result3 = String(result2);
                                                          var result = JSON.parse(result3);
                                                         var found = -1;
74
                                                          //console.log(result);
                                                          for(var i=0; i<result.length; i++)</pre>
    114 +
                                                 //console.log(result2);
    115 +
                                                 var found = -1;
                                                  //console.log(result);
    118 +
                                                  for(var i=0; i<result.length; i++)</pre>
    119 +
                                                  {
    120 +
                                                          if(result[i].username == user.get("username"))
                                                          {
                                                                  if(result[i].username == user.get("username"))
                                                                  {
                                                                          console.log(result[i].username);
81
                                                                          console.log(user.get("username"));
                                                                          //ie we already have an activated alarm
                                                                          found = i;
                                                                          console.log('activated alarm found already');
                                                                          break;
86
                                                                  //console.log(result[i].username);
                                                                  //console.log(user.get("username"));
    124 +
                                                                  //ie we already have an activated alarm
    125 +
                                                                  found = i;
    126 +
                                                                  console.log('activated alarm found already');
                                                                  break;
                                                         }
    129 +
                                                 }
    130 +
    131 +
                                                  if(found == -1)
    132 +
    133 +
                                                          //add new alarm object
    134 4
                                                          console.log('must add alarm!');
                                                          if(found == -1)
90
                                                          {
                                                                  //add new alarm object
                                                                  console.log('must add alarm!');
                                                                  var firstName = user.get("firstName");
                                                                  var lastName = user.get("lastName");
                                                                  // Send Alarm to server
                                                                  var Stuff = Parse.Object.extend("Alarm");
```

```
var obj = new Stuff();
                                                                  obj.set("Name", firstName + " " + lastName);
                                                                  obj.set("username", user.get("username"));
                                                                  obj.set("Activated", true);
102
                                                                  obj.set("Type", "No response from patient");
104
                                                                  obj.save(null,
106
                                                                           success: function(obj)
                                                                           {
                                                                                   response.success("yayifications!");
                                                                                   Parse.Push.send({
                                                                                   channels: [user.get("username")],
                                                                                   data: {
                                                                                           alert: firstName + " " + lastName + " needs HEL
                                                                                   3
                                                          var firstName = user.get("firstName");
     136 +
     137 +
                                                          var lastName = user.get("lastName");
     138 +
                                                          // Send Alarm to server
     139 +
     140 +
                                                          //var Stuff = Parse.Object.extend("Alarm");
     141 +
                                                          var obj = new Parse.Object("Alarm");
                                                          obj.set("Name", firstName + " " + lastName);
     142 +
     143 +
                                                          obj.set("username", user.get("username"));
                                                          obj.set("Activated", true);
     144 +
     145 +
                                                          obj.set("Type", 'Unresponsive');
     146 +
                                                          obj.set("acknowledged", false);
     147 +
                                                          var alert_string = "";
                                                          alert_string += firstName;
     148 +
     149 +
                                                          alert_string += " ";
                                                          alert_string += lastName;
     150 +
     151 +
                                                          alert_string += " has not checked in recently! ";
                                                          Parse.Push.send({
     153 +
                                                                  channels: [ user.get("username") ],
     154 +
                                                                   data: {
     155 +
                                                                          alert: alert_string
     156 +
                                                                  }
                                                                  }. {
                                                                           success: function(test) {
                                                                                   // Push was successful
                                                                                   console.log("push_successful!");
                                                                          },
                                                                      error: function(error) {
                                                                                  // Handle error
                                                                                   console.error(error);
                                                                          }
                                                                  });
                                                                           error:function (obj, error)
128
                                                                                   response.error("error!");
                                                                          }
                                                                  });
                                                                   console.log(obj);
     158 +
                                                                   success: function() {
    159 +
                                                                  // Push was successful
     160 +
                                                                          console.log("push it");
     161 +
                                                                  },
     162 +
                                                                   error: function(error) {
     163 +
                                                                          // Handle error
     164 +
                                                                  }
     165 +
                                                          });
    166 +
                                                          obj.save(null,
     167 +
     168 +
                                                                   success: function(obj)
     169 +
                                                                   {
     170 +
                                                                          console.log("okay");
    171 +
                                                                  },
134
                                                                  // Notify Carers on Alarm
    173 +
                                                                  error:function (obj, error)
    174 +
                                                                   {
     175 +
                                                                          console.error("error!");
     176 +
                                                                  3
     177 +
                                                          });
                                                          //console.log("PUSHING TO OBJ LIST");
     178 +
    179 +
                                                          //obj_list.push(obj);
    180 +
                                                          //console.log("ADDED!");
```

```
}.
                                                  error: function(error){
                                                          // Notify Carers on Alarm
     183
                                                          //delete obj;
141
                                                 }
                                                 });
143
                                          //calculate time elapsed since checkin
144
                                 }.
                                 error: function(error)
147
                                 {
                                          status.error("ERROR");
149
                                 }
                                 }});
150
                         });
                 })
     195 +
                 },
     196 +
                 error: function(error)
    197 +
                 {
     198 +
                         status.error("ERROR");
     199 +
                 }});
     200 +
                 console.log(obj_list);
    201 +
                 //status.success("yayifications!");
     202 +
                 // Parse.Object.saveAll(obj_list , {
     203 +
              // success: function(list) {
    204 +
              // All the objects were saved.
     205 +
                  // status.success("yayifications!");
     206 +
              // },
    207 +
              // error: function(error) {
     208 +
              // An error occurred while saving one of the objects.
     209 +
    210 +
           // });
          });
 E
                                         obj.name = name;
                                         obj.username = username;
                                          obj.objectid = results[i].id;
                                         obj.activated = results[i].get("Activated");
                                         obj.activated = results[i].get("Activated");
     360 +
                                         obj.type = results[i].get("Type");
304
                                          for(var j = 0; j < last_alarms.length; j++){
                                                  //check through already active alarms for already existing entries
```

```
View file
parseCloudCode/cloud/views/alert.ejs
                                                                                                             Side-by-side diff
                        date.toISOString()%>
    45
46
    46
              <div class="page_title">ALERT INFORMATION</div>
                <%= message %>
    47
                 <%//= message %>
48
    48
              <
                <% var result = JSON.parse (message) %>
                <%= result[0].alarm.Name %>
                <%//= result[0].alarm.Name %>
                <%= url %>
                ₹[
                58
                <\!\!\!\text{tr}\!\!<\!\!\!\text{td class}="attr\_title"\!\!>\!\!\!\text{Alarm triggered}<\!\!/\text{td}\!\!>\!\!<\!\!\!\text{td}\!\!>\!\!<\!\!\!\text{mesult[0].alarm.createdAt}\!\!>\!\!<\!\!/\text{tr}\!\!>\!\!<\!\!\!<\!\!\!\text{tr}\!\!>\!\!<\!\!\!<\!\!\!\text{td}\!\!>\!\!<\!\!\!<\!\!\!\text{td}\!\!>\!\!<\!\!\!<\!\!\!<\!\!\!\text{td}\!\!>\!\!<\!\!\!<\!\!\!<\!\!\!<\!\!\!>
                 Alarm Type<%= result[0].alarm.Type%>
                <% url += "/dismiss" %>
    65
```

```
Side-by-side diff
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       View file
parseCloudCode/cloud/views/system.ejs
    · · · · ·
 10
                         10
                                                                  <body>
                                                                             <h1>Emergency button Operator System</h1>
                                                                                            <%= message %>
                                                                                            <%//= message %>
 14
                           14
                                                                                            <% var result = JSON.parse(message) %>
                                                                                                                                        <</td>
                                                                                                                                         $$ % var html = "<a href ='system/alert/"+result[i].objectid+"'>"+result[i].objectid+" --> G0</a>" %> $$ $$ <= href ='system/alert/"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].objectid+"'>"+result[i].o
 24
                         24
                                                                                                                                        <%- html %>
                           26
                                                                                                                                        <%= result[i].type %>
                        28
                           29
 28
                                                                                                                                         30
```

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