

## **NATIVNÍ ČÁST**

```
1 apply plugin: 'com.android.application'
2
3 android {
4     compileSdkVersion 28
5
6
7     defaultConfig {
8         applicationId "com.roller.pasporty"
9         minSdkVersion 23
10        targetSdkVersion 28
11        versionCode 1
12        versionName "1.0"
13
14        testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"
15    }
16
17    buildTypes {
18        release {
19            minifyEnabled false
20            proguardFiles getDefaultProguardFile('proguard-
21                android-optimize.txt'), 'proguard-rules.pro'
22        }
23    }
24    sourceSets {
25        main {
26            assets {
27                srcDirs 'src/main/assets', 'src/main/assets'
28            }
29        }
30    }
31    compileOptions {
32        targetCompatibility = 1.8
33        sourceCompatibility = 1.8
34    }
35 }
36
37 allprojects {
38    repositories {
39        maven { url 'https://jitpack.io' }
40        mavenCentral()
41    }
42 }
43
```

```
44 dependencies {  
45     implementation fileTree(dir: 'libs', include: ['*.jar'])  
46  
47     implementation 'androidx.appcompat:appcompat:1.1.0'  
48     implementation 'androidx.constraintlayout:  
        constraintlayout:1.1.3'  
49     testImplementation 'junit:junit:4.12'  
50     androidTestImplementation 'androidx.test.ext:junit:1.1.  
        1'  
51     androidTestImplementation 'androidx.test.espresso:  
        espresso-core:3.2.0'  
52     implementation 'androidx.cardview:cardview:1.0.0'  
53     implementation 'androidx.recyclerview:recyclerview:1.1.  
        0'  
54  
55     implementation "com.airbnb.android:lottie:3.4.0"  
56     implementation 'com.github.medyo:android-about-page:1.2.  
        .5'  
57     implementation 'androidx.coordinatorlayout:  
        coordinatorlayout:1.1.0'  
58  
59     implementation 'com.github.tbruyelle:rxpermissions:0.10.  
        .1'  
60     implementation 'com.jakewharton.rxbinding2:rxbinding:2.  
        1.1'  
61  
62     implementation 'org.osmdroid:osmdroid-android:6.1.6'  
63     implementation 'org.osmdroid:osmdroid-wms:6.1.6'  
64     implementation 'org.osmdroid:osmdroid-mapsforge:6.1.6'  
65     implementation 'org.osmdroid:osmdroid-geopackage:6.1.6'  
66  
67     implementation 'com.github.mkergall:osmbonuspack:6.6.0'  
68  
69     implementation 'com.android.support:design:28.0.0'  
70 }  
71
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <manifest xmlns:android="http://schemas.android.com/apk/res
 /android"
3     xmlns:tools="http://schemas.android.com/tools"
4     package="com.roller.pasporty">
5
6     <uses-permission android:name="android.permission.
 ACCESS_FINE_LOCATION" />
7     <uses-permission android:name="android.permission.
 ACCESS_COARSE_LOCATION" />
8     <uses-permission android:name="android.permission.
 ACCESS_BACKGROUND_LOCATION" />
9     <uses-permission android:name="android.permission.
 WRITE_EXTERNAL_STORAGE" />
10    <uses-permission android:name="android.permission.
 READ_EXTERNAL_STORAGE" />
11    <uses-permission android:name="android.permission.
 ACCESS_NETWORK_STATE" />
12    <uses-permission android:name="android.permission.
 INTERNET" />
13
14    <application
15        android:icon="@mipmap/ic_launcher"
16        android:label="@string/app_name"
17        android:roundIcon="@mipmap/ic_launcher_round"
18        android:supportsRtl="true"
19        android:theme="@style/AppTheme"
20        android:usesCleartextTraffic="true">
21
22        <activity
23            android:name=".SplashScreen"
24            android:screenOrientation="portrait"
25            tools:ignore="LockedOrientationActivity">
26            <intent-filter>
27                <action android:name="android.intent.action
 .MAIN" />
28                <category android:name="android.intent.
 category.LAUNCHER" />
29            </intent-filter>
30        </activity>
31        <activity
32            android:name=".MainMenu"
33            android:screenOrientation="portrait"
34            tools:ignore="LockedOrientationActivity" />
35        <activity android:name=".SelectOffline"
36            android:screenOrientation="portrait"
```

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37         tools:ignore="LockedOrientationActivity" />
38     <activity
39         android:name=".Offline"
40         android:label="Offline Prohlížeč"
41         android:theme="@style/ThemeBlue" />
42     <activity
43         android:name=".SelectOnline"
44         android:screenOrientation="portrait"
45         tools:ignore="LockedOrientationActivity" />
46     <activity
47         android:name=".Online"
48         android:configChanges="orientation|screenSize"
49     />
50     <activity
51         android:name=".About"
52         android:label="O Aplikaci"
53         android:parentActivityName=".MainMenu"
54         android:theme="@style/ThemeBlue" />
55 </application>
56 </manifest>
```

```
1 package com.roller.pasporty;
2
3 import android.os.AsyncTask;
4 import android.util.Log;
5
6 import java.io.BufferedReader;
7 import java.io.InputStream;
8 import java.io.InputStreamReader;
9 import java.net.HttpURLConnection;
10 import java.net.URL;
11
12 class fetchData extends AsyncTask<String,Void,String> {
13     @Override
14     public String doInBackground(String... urls) {
15         String result = null;
16         try {
17             URL url = new URL(urls[0]);
18             HttpURLConnection conn = (HttpURLConnection)
19             url.openConnection();
20             InputStream in = conn.getInputStream();
21             BufferedReader reader = new BufferedReader(new
22             InputStreamReader(in));
23             String line = null;
24             while ((line = reader.readLine()) != null) {
25                 result = result + line;
26             }
27             conn.disconnect();
28         } catch (Exception e) {
29             Log.e("ERROR FETCHING", e.toString());
30         }
31         return result;
32     }
33 }
```

```

1 package com.roller.pasporty;
2
3 import android.annotation.SuppressLint;
4 import android.content.ContentUris;
5 import android.content.Context;
6 import android.database.Cursor;
7 import android.net.Uri;
8 import android.os.Build;
9 import android.os.Environment;
10 import android.provider.DocumentsContract;
11 import android.provider.MediaStore;
12 import android.provider.OpenableColumns;
13 import android.text.TextUtils;
14 import android.util.Log;
15 import java.io.File;
16 import java.io.FileOutputStream;
17 import java.io.InputStream;
18
19 public class FileUtils {
20     private static Uri contentUri = null;
21
22     /**
23      * Get a file path from a Uri. This will get the the
24      * path for Storage Access
25      * Framework Documents, as well as the _data field for
26      * the MediaStore and
27      * other file-based ContentProviders.<br>
28      * <br>
29      * Callers should check whether the path is Local
30      * before assuming it
31      * represents a local file.
32      *
33      * @param context The context.
34      * @param uri The Uri to query.
35      */
36     @SuppressLint("NewApi")
37     public static String getPath(final Context context,
38         final Uri uri) {
39         // check here to KITKAT or new version
40         final boolean isKitKat = Build.VERSION.SDK_INT >=
41             Build.VERSION_CODES.KITKAT;
42         String selection = null;
43         String[] selectionArgs = null;
44         // DocumentProvider
45         if (isKitKat && DocumentsContract.isDocumentUri(
46             context, uri)) {

```

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41         // ExternalStorageProvider
42         if (isExternalStorageDocument(uri)) {
43             final String docId = DocumentsContract.
44                 getDocumentId(uri);
45             final String[] split = docId.split(":");
46             final String type = split[0];
47
48             String fullPath = getPathFromExtSD(split);
49             if (fullPath != "") {
50                 return fullPath;
51             } else {
52                 return null;
53             }
54
55         // DownloadsProvider
56         else if (isDownloadsDocument(uri)) {
57             if (Build.VERSION.SDK_INT >= Build.
58                 VERSION_CODES.M) {
59                 final String id;
60                 Cursor cursor = null;
61                 try {
62                     cursor = context.getContentResolver
63                         ().query(uri, new String[]{MediaStore.MediaColumns.
64                             DISPLAY_NAME}, null, null, null);
65                     if (cursor != null && cursor.
66                         moveToFirst()) {
67                         String fileName = cursor.
68                             getString(0);
69                         String path = Environment.
70                             getExternalStorageDirectory().toString() + "/Download/" +
71                             fileName;
72                         if (!TextUtils.isEmpty(path)) {
73                             return path;
74                         }
75                     } finally {
76                         if (cursor != null)
77                             cursor.close();
78                     }
79                     id = DocumentsContract.getDocumentId(
80                         uri);
81                     if (!TextUtils.isEmpty(id)) {
82                         if (id.startsWith("raw:")) {
83                             return id.replaceFirst("raw:",
84                                 ""));
85                     }
86                 } catch (Exception e) {
87                     Log.e("FileUtils", "Error getting document ID from uri " + uri, e);
88                 }
89             }
90         }
91     }
92
93     return null;
94 }
```

```

77 }                               }
78 String[] contentUriPrefixesToTry
79 = new String[]{                  "
80           "content://downloads/
81           public_downloads",
82           "content://downloads/
83           my_downloads"
84       };
85       for (String contentUriPrefix :
86           contentUriPrefixesToTry) {
87           try {
88               final Uri contentUri =
89               ContentUrис.withAppendedId(Uri.parse(contentUriPrefix),
90               Long.valueOf(id));
91               /* final Uri contentUri =
92               ContentUrис.withAppendedId(
93                   Uri.parse("content://
94                   downloads/public_downloads"), Long.valueOf(id)); */
95
96
97           return getDataColumn(
98               context, contentUri, null, null);
99           } catch (NumberFormatException
100 e) {
101           //In Android 8 and Android
102           // the id is not a number
103           return uri.getPath().
104           replaceFirst("^/document/raw:", "").replaceFirst("^raw:", "");
105           }
106           }
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```

106     withAppendedId(
107             Uri.parse("content://
108                 downloads/public_downloads"), Long.valueOf(id));
109         } catch (NumberFormatException e) {
110             e.printStackTrace();
111         }
112         if (contentUri != null) {
113             return getDataColumn(context,
114                     contentUri, null, null);
115         }
116
117     }
118     // MediaProvider
119     else if (isMediaDocument(uri)) {
120         final String docId = DocumentsContract.
121             getDocumentId(uri);
122         final String[] split = docId.split(":");
123         final String type = split[0];
124
125         Uri contentUri = null;
126
127         if ("image".equals(type)) {
128             contentUri = MediaStore.Images.Media.
129                 EXTERNAL_CONTENT_URI;
130         } else if ("video".equals(type)) {
131             contentUri = MediaStore.Video.Media.
132                 EXTERNAL_CONTENT_URI;
133         } else if ("audio".equals(type)) {
134             contentUri = MediaStore.Audio.Media.
135                 EXTERNAL_CONTENT_URI;
136         }
137         selection = "_id=?";
138         selectionArgs = new String[]{split[1]};
139
140         return getDataColumn(context, contentUri,
141                     selection,
142                     selectionArgs);
143     } else if (isGoogleDriveUri(uri)) {
144         return getDriveFilePath(uri, context);
145     }
146 }
```

```
145          // MediaStore (and general)
146          else if ("content".equalsIgnoreCase(uri.getScheme
147          ())) {
148
149              if (isGooglePhotosUri(uri)) {
150                  return uri.getLastPathSegment();
151              }
152
153              if (isGoogleDriveUri(uri)) {
154                  return getDriveFilePath(uri, context);
155              }
156              if( Build.VERSION.SDK_INT == Build.
157      VERSION_CODES.N)
158              {
159                  // return getPathFromURI(context, uri);
160                  return getMediaFilePathForN(uri, context);
161                  // return getRealPathFromURI(context, uri);
162              }else
163              {
164
165                  return getColumnData(context, uri, null,
166                      null);
167
168              }
169          // File
170          else if ("file".equalsIgnoreCase(uri.getScheme
171          ())) {
172              return uri.getPath();
173
174          return null;
175      }
176
177      /**
178      * Check if a file exists on device
179      *
180      * @param filePath The absolute file path
181      */
182      private static boolean fileExists(String filePath) {
183          File file = new File(filePath);
184
185          return file.exists();
186      }
```

```

187
188
189     /**
190      * Get full file path from external storage
191      *
192      * @param pathData The storage type and the relative
193      path
194     */
195     private static String getPathFromExtSD(String[]
196     pathData) {
197         final String type = pathData[0];
198         final String relativePath = "/" + pathData[1];
199         String fullPath = "";
200
201         // on my Sony devices (4.4.4 & 5.1.1), `type` is a
202         // dynamic string
203         // something like "71F8-2C0A", some kind of unique
204         // id per storage
205         // don't know any API that can get the root path
206         // of that storage based on its id.
207         //
208         // so no "primary" type, but let the check here
209         // for other devices
210         if ("primary".equalsIgnoreCase(type)) {
211             fullPath = Environment.
212             getExternalStorageDirectory() + relativePath;
213             if (fileExists(fullPath)) {
214                 return fullPath;
215             }
216
217             // Environment.isExternalStorageRemovable() is
218             // true` for external and internal storage
219             // so we cannot rely on it.
220             //
221             // instead, for each possible path, check if file
222             exists
223             // we'll start with secondary storage as this
224             // could be our (physically) removable sd card
225             fullPath = System.getenv("SECONDARY_STORAGE") +
226             relativePath;
227             if (fileExists(fullPath)) {
228                 return fullPath;
229             }
230
231             fullPath = System.getenv("EXTERNAL_STORAGE") +

```

```

221    relativePath;
222        if (fileExists(fullPath)) {
223            return fullPath;
224        }
225
226        return fullPath;
227    }
228
229    private static String getDriveFilePath(Uri uri,
230        Context context) {
231        Uri returnUri = uri;
232        Cursor returnCursor = context.getContentResolver()
233            ().query(returnUri, null, null, null, null);
234        /*
235         * Get the column indexes of the data in the
236         * Cursor,
237         *      * move to the first row in the Cursor, get
238         *      the data,
239         *      * and display it.
240         */
241        int nameIndex = returnCursor.getColumnIndex(
242            OpenableColumns.DISPLAY_NAME);
243        int sizeIndex = returnCursor.getColumnIndex(
244            OpenableColumns.SIZE);
245        returnCursor.moveToFirst();
246        String name = (returnCursor.getString(nameIndex));
247        String size = (Long.toString(returnCursor.getLong(
248            sizeIndex)));
249        File file = new File(context.getCacheDir(), name);
250        try {
251            InputStream inputStream = context.
252                getContentResolver().openInputStream(uri);
253            FileOutputStream outputStream = new
254                FileOutputStream(file);
255            int read = 0;
256            int maxBufferSize = 1 * 1024 * 1024;
257            int bytesAvailable = inputStream.available();
258
259            //int bufferSize = 1024;
260            int bufferSize = Math.min(bytesAvailable,
261                maxBufferSize);
262
263            final byte[] buffers = new byte[bufferSize];
264            while ((read = inputStream.read(buffers)) != -
265                1) {
266                outputStream.write(buffers, 0, read);

```

```
256        }
257        Log.e("File Size", "Size " + file.length());
258        inputStream.close();
259        outputStream.close();
260        Log.e("File Path", "Path " + file.getPath());
261        Log.e("File Size", "Size " + file.length());
262    } catch (Exception e) {
263        Log.e("Exception", e.getMessage());
264    }
265    return file.getPath();
266}
267
268 private static String getMediaFilePathForN(Uri uri,
269 Context context) {
270     Uri returnUri = uri;
271     Cursor returnCursor = context.getContentResolver()
272         .query(returnUri, null, null, null, null);
273     /*
274      * Get the column indexes of the data in the
275      * Cursor,
276      *      * move to the first row in the Cursor, get
277      * the data,
278      *      * and display it.
279      * */
280     int nameIndex = returnCursor.getColumnIndex(
281         OpenableColumns.DISPLAY_NAME);
282     int sizeIndex = returnCursor.getColumnIndex(
283         OpenableColumns.SIZE);
284     returnCursor.moveToFirst();
285     String name = (returnCursor.getString(nameIndex));
286     String size = (Long.toString(returnCursor.getLong(
287         sizeIndex)));
288     File file = new File(context.getFilesDir(), name);
289     try {
290         InputStream inputStream = context.
291             getContentResolver().openInputStream(uri);
292         FileOutputStream outputStream = new
293             FileOutputStream(file);
294         int read = 0;
295         int maxBufferSize = 1 * 1024 * 1024;
296         int bytesAvailable = inputStream.available();
297
298         //int bufferSize = 1024;
299         int bufferSize = Math.min(bytesAvailable,
300             maxBufferSize);
301     }
```

```

292         final byte[] buffers = new byte[bufferSize];
293         while ((read = inputStream.read(buffers)) != -1) {
294             outputStream.write(buffers, 0, read);
295         }
296         Log.e("File Size", "Size " + file.length());
297         inputStream.close();
298         outputStream.close();
299         Log.e("File Path", "Path " + file.getPath());
300         Log.e("File Size", "Size " + file.length());
301     } catch (Exception e) {
302         Log.e("Exception", e.getMessage());
303     }
304     return file.getPath();
305 }
306
307
308     private static String getDataColumn(Context context,
309     Uri uri,
310                                     String selection,
311     String[] selectionArgs) {
312         Cursor cursor = null;
313         final String column = "_data";
314         final String[] projection = {column};
315
316         try {
317             cursor = context.getContentResolver().query(
318                 uri, projection,
319                 selection, selectionArgs, null);
320
321             if (cursor != null && cursor.moveToFirst()) {
322                 final int index = cursor.
323                     getColumnIndexOrThrow(column);
324                 return cursor.getString(index);
325             }
326
327         } finally {
328             if (cursor != null)
329                 cursor.close();
330
331             /**
332              * @param uri - The Uri to check.
333              * @return - Whether the Uri authority is

```

```

332 ExternalStorageProvider.
333     */
334     private static boolean isExternalStorageDocument(Uri
uri) {
335         return "com.android.externalstorage.documents".
equals(uri.getAuthority());
336     }
337
338 /**
339 * param uri - The Uri to check.
340 * return - Whether the Uri authority is
DownloadsProvider.
341 */
342     private static boolean isDownloadsDocument(Uri uri) {
343         return "com.android.providers.downloads.documents".
equals(uri.getAuthority());
344     }
345
346 /**
347 * param uri - The Uri to check.
348 * return - Whether the Uri authority is
MediaProvider.
349 */
350     private static boolean isMediaDocument(Uri uri) {
351         return "com.android.providers.media.documents".
equals(uri.getAuthority());
352     }
353
354 /**
355 * param uri - The Uri to check.
356 * return - Whether the Uri authority is Google
Photos.
357 */
358     private static boolean isGooglePhotosUri(Uri uri) {
359         return "com.google.android.apps.photos.content".
equals(uri.getAuthority());
360     }
361
362
363 /**
364 * param uri The Uri to check.
365 * return Whether the Uri authority is Google Drive.
366 */
367     private static boolean isGoogleDriveUri(Uri uri) {
368         return "com.google.android.apps.docs.storage".
equals(uri.getAuthority()) || "com.google.android.apps.

```

```
368     docs.storage.legacy".equals(uri.getAuthority());  
369 }  
370  
371  
372 }
```

```
1  /*
2   * Copyright (c) 2017 Emil Davtyan
3   *
4   * Permission is hereby granted, free of charge, to any
5   * person obtaining
6   * a copy of this software and associated documentation
7   * files (the
8   * "Software"), to deal in the Software without restriction
9   , including
10  * without limitation the rights to use, copy, modify,
11  merge, publish,
12  * distribute, sublicense, and/or sell copies of the
13  Software, and to
14  * permit persons to whom the Software is furnished to do
15  so, subject to
16  * the following conditions:
17  *
18  * The above copyright notice and this permission notice
19  shall be
20  * included in all copies or substantial portions of the
21  Software.
22  *
23  */
24
25 package com.roller.pasporty;
26
27     import android.content.Context;
28     import android.net.ConnectivityManager;
29     import android.net.NetworkInfo;
30     import android.telephony.TelephonyManager;
31
32 /**
```

```
33 * Check device's network connectivity and speed
34 * @author emil http://stackoverflow.com/users/220710/emil
35 *
36 */
37 public class Connectivity {
38
39     /**
40      * Get the network info
41      * //param context
42      * //return
43      */
44     public static NetworkInfo getNetworkInfo(Context
context){
45         ConnectivityManager cm = (ConnectivityManager)
context.getSystemService(Context.CONNECTIVITY_SERVICE);
46         return cm.getActiveNetworkInfo();
47     }
48
49     /**
50      * Check if there is any connectivity
51      * //param context
52      * //return
53      */
54     public static boolean isConnected(Context context){
55         NetworkInfo info = Connectivity.getNetworkInfo(
context);
56         return (info != null && info.isConnected());
57     }
58
59     /**
60      * Check if there is any connectivity to a Wifi network
61      * //param context
62      * //param type
63      * //return
64      */
65     public static boolean isConnectedWifi(Context context){
66         NetworkInfo info = Connectivity.getNetworkInfo(
context);
67         return (info != null && info.isConnected() && info.
getType() == ConnectivityManager.TYPE_WIFI);
68     }
69
70     /**
71      * Check if there is any connectivity to a mobile
72      * network
73      * //param context
```

```

73     * // @param type
74     * // @return
75     */
76     public static boolean isConnectedMobile(Context
    context){
77         NetworkInfo info = Connectivity.getNetworkInfo(
    context);
78         return (info != null && info.isConnected() && info
    .getType() == ConnectivityManager.TYPE_MOBILE);
79     }
80
81     /**
82     * Check if there is fast connectivity
83     * // @param context
84     * // @return
85     */
86     public static boolean isConnectedFast(Context context
    ){
87         NetworkInfo info = Connectivity.getNetworkInfo(
    context);
88         return (info != null && info.isConnected() &&
    Connectivity.isConnectionFast(info.getType(),info.
    getSubtype()));
89     }
90
91     /**
92     * Check if the connection is fast
93     * // @param type
94     * // @param subType
95     * // @return
96     */
97     public static boolean isConnectionFast(int type, int
    subType){
98         if(type==ConnectivityManager.TYPE_WIFI){
99             return true;
100        }else if(type==ConnectivityManager.TYPE_MOBILE){
101            switch(subType){
102                case TelephonyManager.NETWORK_TYPE_1xRTT:
103                    return false; // ~ 50-100 kbps
104                case TelephonyManager.NETWORK_TYPE_CDMA:
105                    return false; // ~ 14-64 kbps
106                case TelephonyManager.NETWORK_TYPE_EDGE:
107                    return false; // ~ 50-100 kbps
108                case TelephonyManager.NETWORK_TYPE_EVDO_0:
109                    return true; // ~ 400-1000 kbps
110                case TelephonyManager.NETWORK_TYPE_EVDO_A:

```

```

111                     return true; // ~ 600-1400 kbps
112         case TelephonyManager.NETWORK_TYPE_GPRS:
113             return false; // ~ 100 kbps
114         case TelephonyManager.NETWORK_TYPE_HSDPA:
115             return true; // ~ 2-14 Mbps
116         case TelephonyManager.NETWORK_TYPE_HSPA:
117             return true; // ~ 700-1700 kbps
118         case TelephonyManager.NETWORK_TYPE_HSUPA:
119             return true; // ~ 1-23 Mbps
120         case TelephonyManager.NETWORK_TYPE_UMTS:
121             return true; // ~ 400-7000 kbps
122         /*
123          * Above API Level 7, make sure to set
124          * android:targetSdkVersion
125          * to appropriate level to use these
126          */
127         case TelephonyManager.NETWORK_TYPE_EHRPD:
128             // API Level 11
129             return true; // ~ 1-2 Mbps
130             case TelephonyManager.NETWORK_TYPE_EVDO_B
131             : // API Level 9
132                 return true; // ~ 5 Mbps
133             case TelephonyManager.NETWORK_TYPE_HSPAP:
134                 // API Level 13
135                 return true; // ~ 10-20 Mbps
136             case TelephonyManager.NETWORK_TYPE_IDEN:
137                 // API Level 8
138                 return false; // ~25 kbps
139             case TelephonyManager.NETWORK_TYPE_LTE:
140                 // API Level 11
141                 return true; // ~ 10+ Mbps
142             // Unknown
143             case TelephonyManager.NETWORK_TYPE_UNKNOWN
144             :
145             default:
146                 return false;
147             }
148         }
149     }
150 }

```

```
1 package com.roller.pasporty;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.content.Intent;
6 import android.os.Bundle;
7 import android.view.View;
8 import android.view.animation.Animation;
9 import android.view.animation.AnimationUtils;
10 import android.widget.Button;
11 import android.widget.ImageView;
12 import android.widget.TextView;
13
14 public class SplashScreen extends AppCompatActivity {
15
16     ImageView mainimg;
17     TextView welcomeText, descText;
18     Button getStarted;
19     Animation forimg, frombottom;
20
21     @Override
22     protected void onCreate(Bundle savedInstanceState) {
23         super.onCreate(savedInstanceState);
24         setContentView(R.layout.splash_screen);
25
26         mainimg = (ImageView) findViewById(R.id.mainimg);
27         welcomeText = (TextView) findViewById(R.id.
28             welcomeText);
29         descText = (TextView) findViewById(R.id.descText);
30         getStarted = (Button) findViewById(R.id.getstarted
31 );
32
33         forimg = AnimationUtils.loadAnimation(this, R.anim.
34             forimg);
35         frombottom = AnimationUtils.loadAnimation(this, R.
36             anim.frombottom);
37
38         mainimg.startAnimation(forimg);
39         welcomeText.startAnimation(frombottom);
40         descText.startAnimation(frombottom);
41         getStarted.startAnimation(frombottom);
42
43         getStarted.setOnClickListener(new View.
44             OnClickListener() {
45                 @Override
46                 public void onClick(View v) {
```

```
42             Intent i = new Intent(getApplicationContext()
43             (), MainMenu.class);
44             startActivity(i);
45             finish();
46         });
47     }
48 }
49 }
50 }
```

```
1 package com.roller.pasporty;
2
3 import androidx.appcompat.app.AppCompatActivity;
4 import androidx.cardview.widget.CardView;
5
6 import android.content.Intent;
7 import android.net.Uri;
8 import android.os.Bundle;
9 import android.view.View;
10 import android.view.animation.Animation;
11 import android.view.animation.AnimationUtils;
12 import android.widget.GridLayout;
13 import android.widget.Toast;
14
15 public class MainMenu extends AppCompatActivity implements
16     View.OnClickListener {
17
18     CardView online,offline,about,web;
19
20     GridLayout mygrid;
21     Animation frombottom;
22
23     @Override
24     protected void onCreate(Bundle savedInstanceState) {
25         super.onCreate(savedInstanceState);
26         setContentView(R.layout.main_menu);
27
28         mygrid = (GridLayout) findViewById(R.id.mygrid);
29
30         frombottom = AnimationUtils.loadAnimation(this, R.
31             anim.frombottom);
32
33         // define Cards
34         online = (CardView) findViewById(R.id.online);
35         offline = (CardView) findViewById(R.id.offline);
36         about = (CardView) findViewById(R.id.about);
37         web = (CardView) findViewById(R.id.web);
38
39         // add Click Listener to the cards
40         online.setOnClickListener(this);
41         offline.setOnClickListener(this);
42         about.setOnClickListener(this);
43         web.setOnClickListener(this);
44     }
}
```

```
45
46     @Override
47     public void onClick(View v) {
48         Intent i;
49
50         switch (v.getId()) {
51             case R.id.online : i = new Intent(this,
52                 SelectOnline.class);
53                 if (Connectivity.isConnectedFast(this)) {
54                     startActivity(i);
55                     break;
56                 }
57                 else {
58                     Toast.makeText(MainMenu.this, "Pomalá
59                     rychlosť pripojení!\n\nNelze otevřít Online Editor!", Toast
60                     .LENGTH_SHORT).show();
61                     break;
62                 }
63                 case R.id.offline : i = new Intent(this,
64                     SelectOffline.class); startActivity(i); break;
65                 case R.id.about : i = new Intent(this, About.
66                     class); startActivity(i); break;
67                 case R.id.web : i = new Intent(Intent.
68                     ACTION_VIEW, Uri.parse(getString(R.string.mujweb)));
69                     startActivity(i); break;
70                 default : break;
71             }
72         }
73     }
74 }
```

```
1 package com.roller.pasporty;
2
3 import androidx.appcompat.app.AlertDialog;
4 import androidx.appcompat.app.AppCompatActivity;
5
6 import android.Manifest;
7 import android.annotation.SuppressLint;
8 import android.app.DownloadManager;
9 import android.content.Context;
10 import android.content.DialogInterface;
11 import android.content.Intent;
12 import android.net.ConnectivityManager;
13 import android.net.NetworkInfo;
14 import android.net.Uri;
15 import android.os.Bundle;
16 import android.os.Environment;
17 import android.util.Log;
18 import android.view.View;
19 import android.widget.ArrayAdapter;
20 import android.widget.Button;
21 import android.widget.ImageView;
22 import android.widget.Spinner;
23 import android.widget.Toast;
24
25 import com.tbruyelle.rxpermissions2.RxPermissions;
26
27 import java.util.ArrayList;
28 import java.util.Collections;
29 import java.util.List;
30
31
32 public class SelectOnline extends AppCompatActivity {
33
34     public static final String EXTRA_TEXT = "com.roller.
pasporty.EXTRA_TEXT";
35     private static final int PERMISSION_STORAGE_CODE = 1000
;
36
37     final RxPermissions rxPermissions = new RxPermissions(
this);
38
39     Button otevritMapu;
40     Spinner spinnerVyber;
41     ImageView stahnoutVrstvu;
42
43     public boolean connected = false;
```

```
44
45     @Override
46     protected void onCreate(Bundle savedInstanceState) {
47         super.onCreate(savedInstanceState);
48         setContentView(R.layout.activity_select_online);
49
50         otevritMapu = (Button) findViewById(R.id.
51             otevritMapu);
52         spinnerVyber = (Spinner) findViewById(R.id.
53             spinnerVyber);
54         stahnoutVrstvu = (ImageView) findViewById(R.id.
55             stahnoutVrstvu);
56
57         checkIfOnline();
58
59         otevritMapu.setOnClickListener(new View.
60             OnClickListener() {
61                 @Override
62                 public void onClick(View v) {
63                     if (connected) {
64                         addItemsOnSpinner();
65                     }
66                     else {
67                         otevritMapu.setAlpha(.5f);
68                         otevritMapu.setClickable(false);
69
70                         spinnerVyber.setAlpha(.5f);
71                         spinnerVyber.setClickable(false);
72
73                         stahnoutVrstvu.setAlpha(.5f);
74                         stahnoutVrstvu.setClickable(false);
75                     }
76                 }
77
78             public void addItemsOnSpinner() {
79                 spinnerVyber = (Spinner) findViewById(R.id.
80                     spinnerVyber);
81
82                 String soubory = null;
83                 String[] pole_souboru;
84                 List<String> filenames = new ArrayList<String>();
```

```

85      /*FETCH DATA*/
86      fetchData d = new fetchData();
87      d.execute(getString(R.string.web) + "vypis.php");
88      try {
89          soubory = d.get();
90      } catch (Exception e) {
91          Log.e("ERROR IN THREAD", e.toString());
92      }
93
94      /*ROZSEKAT STRING*/
95      pole_souboru = soubory.split(";");
96
97      /*PRESUNOUT STRING DO "List<string> filenames"
98      KROME PRVNIHO, KTEREJ JE NULL*/
99      for (int i = 1; i < pole_souboru.length; i++) {
100          filenames.add(pole_souboru[i]);
101      }
102
103      ArrayAdapter<String> dataAdapter = new
104          ArrayAdapter<String>(
105              this,
106              R.layout.custom_spinner,
107              filenames);
108      dataAdapter.setDropDownViewResource(R.layout.
109          custom_spinner_dropdown);
110      Collections.sort(filenames);
111      spinnerVyber.setAdapter(dataAdapter);
112
113      public void checkIfOnline() {
114          ConnectivityManager connectivityManager = (
115              ConnectivityManager) getSystemService(Context.
116                  CONNECTIVITY_SERVICE);
117          if(connectivityManager.getNetworkInfo(
118              ConnectivityManager.TYPE_MOBILE).getState() == NetworkInfo
119                  .State.CONNECTED ||
120                  connectivityManager.getNetworkInfo(
121                      ConnectivityManager.TYPE_WIFI).getState() == NetworkInfo.
122                      State.CONNECTED) {
123              //jsme pripojeni k siti
124              connected = true;
125              Toast.makeText(SelectOnline.this,
126                  "Připojeno k serveru!", Toast.
127                  LENGTH_SHORT).show();
128          }
129      else {

```

```
121             connected = false;  
122             Toast.makeText(SelectOnline.this,  
123                             "Chyba připojení!", Toast.LENGTH_LONG  
124                     ).show();  
125                 }  
126             }  
127         public void openOnline() {  
128             spinnerVyber = (Spinner) findViewById(R.id.  
spinnerVyber);  
129             String soubor = spinnerVyber.getSelectedItem().  
toString();  
130             Intent intent = new Intent(this, Online.class);  
132             intent.putExtra(EXTRA_TEXT, soubor);  
133             startActivity(intent);  
134         }  
135         public void showAlertDialog(View v) {  
137             String soubor = spinnerVyber.getSelectedItem().  
toString();  
138             AlertDialog.Builder alert = new AlertDialog.  
Builder(this);  
140                 alert.setTitle("Stáhnout vrstvu?");  
141                 alert.setMessage("Chcete do zařízení stáhnout  
vrstvu " + soubor + "?");  
142                 alert.setPositiveButton("Stáhnout", new  
DialogInterface.OnClickListener() {  
143                     @Override  
144                     public void onClick(DialogInterface  
dialogInterface, int i) {  
145                         startDownloading();  
146                         Toast.makeText(SelectOnline.this, "  
Vrstva se stahuje...", Toast.LENGTH_SHORT).show();  
147                     }  
148                 });  
149                 alert.setNegativeButton("Zrušit", new  
DialogInterface.OnClickListener() {  
150                     @Override  
151                     public void onClick(DialogInterface  
dialogInterface, int i) {  
152                         dialogInterface.dismiss();  
153                     }  
154                 });  
155         }
```

```
156             alert.create().show();
157     }
158
159     @SuppressLint("CheckResult")
160     private void startDownloading() {
161         String soubor = spinnerVyber.getSelectedItem().
162             toString();
163
164         rxPermissions
165             .request(Manifest.permission.
166                 WRITE_EXTERNAL_STORAGE)
167             .subscribe(granted -> {
168                 if (granted) {
169                     DownloadManager downloadmanager
170                     = (DownloadManager) getSystemService(Context.
171                         DOWNLOAD_SERVICE);
172                     Uri uri = Uri.parse(getString(R.
173                         string.web) + "data/" + soubor);
174
175                     DownloadManager.Request request =
176                     new DownloadManager.Request(uri);
177                     request.setTitle(soubor);
178                     request.setDescription("Vrstva se
179                     stahuje...");  

180                     request.setNotificationVisibility(
181                         DownloadManager.Request.
182                             VISIBILITY_VISIBLE_NOTIFY_COMPLETED);
183                     request.setVisibleInDownloadsUi(
184                         false);
185                     request.
186                     setDestinationInExternalPublicDir(Environment.
187                         DIRECTORY_DOWNLOADS, soubor);
188
189                     downloadmanager.enqueue(request);
190                 } else {
191                     Toast.makeText(SelectOnline.this,
192                         "Povolení zakázáno!", Toast.LENGTH_SHORT).show();
193                 }
194             });
195     }
196 }
```

```
1 package com.roller.pasporty;
2
3 import androidx.appcompat.app.AlertDialog;
4 import androidx.appcompat.app.AppCompatActivity;
5
6 import android.Manifest;
7 import android.annotation.SuppressLint;
8 import android.content.DialogInterface;
9 import android.content.Intent;
10 import android.os.Bundle;
11 import android.webkit.GeolocationPermissions;
12 import android.webkit.WebChromeClient;
13 import android.webkit.WebSettings;
14 import android.webkit.WebView;
15 import android.webkit.WebViewClient;
16
17 import com.tbruyelle.rxpermissions2.RxPermissions;
18
19 public class Online extends AppCompatActivity {
20     final RxPermissions rxPermissions = new RxPermissions(
21         this);
22
23     private WebView myWebView;
24
25     @SuppressLint("CheckResult")
26     @Override
27     protected void onCreate(Bundle savedInstanceState) {
28         super.onCreate(savedInstanceState);
29         setContentView(R.layout.activity_online);
30
31         Intent intent = getIntent();
32         String soubor = intent.getStringExtra(SelectOnline.
33             EXTRA_TEXT);
34
35         myWebView = (WebView) findViewById(R.id.webView);
36         WebSettings webSettings = myWebView.getSettings();
37         webSettings.setJavaScriptEnabled(true);
38         webSettings.setGeolocationEnabled(true);
39
40         webSettings.setAppCacheEnabled(false);
41         webSettings.setCacheMode(WebSettings.LOAD_NO_CACHE
42 );
43
44         webSettings.setDatabaseEnabled(true);
45         webSettings.
46             setJavaScriptCanOpenWindowsAutomatically(true);
```

```
43         webSettings.setDomStorageEnabled(true);
44
45         rxPermissions
46             .request(Manifest.permission.
47                 ACCESS_FINE_LOCATION,
48                     Manifest.permission.
49                     ACCESS_COARSE_LOCATION)
50             .subscribe(granted -> {
51                 if (granted) {
52                     if (savedInstanceState == null)
53                     {
54                         myWebView.loadUrl(getString(R.
55                             string.web) + "map.php?src=" + soubor);
56                     }
57                     myWebView.setWebChromeClient(new
58                         WebChromeClient() {
59                             public void
60                             onGeolocationPermissionsShowPrompt(String origin,
61                             GeolocationPermissions.Callback callback) {
62                                 callback.invoke(origin,
63                                     true, false);
64                             }
65                         });
66                     myWebView.setWebViewClient(new
67                         WebViewClient());
68                 }
69             });
70
71     @Override
72     public void onBackPressed() {
73         AlertDialog.Builder builder = new AlertDialog.
74             Builder(this);
75         builder.setMessage("Opravdu chcete opustit Online
Editor?")
76             .setCancelable(false)
77             .setPositiveButton("Ano", new
DialogInterface.OnClickListener() {
```

```
76     public void onClick(DialogInterface
77         dialog, int id) {
78             Online.this.finish();
79         }
80         .setNegativeButton("Ne", new
81             DialogInterface.OnClickListener() {
82                 public void onClick(DialogInterface
83                     dialog, int id) {
84                     dialog.cancel();
85                 }
86             });
87         AlertDialog alert = builder.create();
88         alert.show();
89     }
90
91     @Override
92     protected void onSaveInstanceState(Bundle outState )
93     {
94         super.onSaveInstanceState(outState);
95         myWebView.saveState(outState);
96     }
97
98     @Override
99     protected void onRestoreInstanceState(Bundle
100         savedInstanceState)
101     {
102         super.onRestoreInstanceState(savedInstanceState);
103         myWebView.restoreState(savedInstanceState);
104     }
105 }
```

```
1 package com.roller.pasporty;
2
3 import androidx.appcompat.app.AlertDialog;
4 import androidx.appcompat.app.AppCompatActivity;
5
6 import android.Manifest;
7 import android.annotation.SuppressLint;
8 import android.content.DialogInterface;
9 import android.content.Intent;
10 import android.database.Cursor;
11 import android.net.Uri;
12 import android.os.Bundle;
13 import android.provider.OpenableColumns;
14 import android.view.View;
15 import android.widget.Button;
16 import android.widget.Toast;
17
18 import com.tbruyelle.rxpermissions2.RxPermissions;
19
20
21 public class SelectOffline extends AppCompatActivity {
22     Uri vybranySoubor;
23
24     String strPath;
25     String extension;
26
27     Button otevritMapu;
28     Button souborVyber;
29
30     final RxPermissions rxPermissions = new RxPermissions(
31         this);
32
33     @SuppressLint("CheckResult")
34     @Override
35     protected void onCreate(Bundle savedInstanceState) {
36         super.onCreate(savedInstanceState);
37         setContentView(R.layout.activity_select_offline);
38
39         rxPermissions
40             .request(Manifest.permission.
41                 ACCESS_FINE_LOCATION,
42                         Manifest.permission.
43                 ACCESS_COARSE_LOCATION,
44                         Manifest.permission.
45                 WRITE_EXTERNAL_STORAGE)
```

```

43             .subscribe(granted -> {
44                 if (granted) {
45                     //Toast.makeText(SelectOffline.this
46                     , "Povolení uděleno!", Toast.LENGTH_SHORT).show();
47                 } else {
48                     //Toast.makeText(SelectOffline.this
49                     , "Povolení neuděleno!", Toast.LENGTH_SHORT).show();
50                 }
51             });
52
53         otevritMapu = (Button) findViewById(R.id.
54         otevritMapu);
55         souborVyber = (Button) findViewById(R.id.
56         souborVyber);
57
58         souborVyber.setOnClickListener(new View.
59         OnClickListener() {
60             @Override
61             public void onClick(View v) {
62                 AlertDialog.Builder builder = new
63                 AlertDialog.Builder(SelectOffline.this);
64                 builder.setTitle("Upozornění!")
65                 .setMessage("Čím větší velikost
66                 vybrané vrstvy, tím pomalejší načítání! \n\nDoporučená
67                 velikost vrstvy je maximálně 1\u00A0MB!")
68                 .setCancelable(false)
69                 .setPositiveButton("Ok", new
70                 DialogInterface.OnClickListener() {
71                     public void onClick(
72                     DialogInterface dialog, int id) {
73                         Intent intent = new Intent
74                         ()
75                         .setType("*/*")
76                         .setAction(Intent.
77                         ACTION_GET_CONTENT);
78                         startActivityForResult(
79                         Intent.createChooser(intent, "Vyberte vrstvu"), 123);
80                     }
81                 });
82                 AlertDialog alert = builder.create();
83                 alert.show();
84             }
85         });
86         otevritMapu.setOnClickListener(new View.
87         OnClickListener() {

```

```
75         @Override
76         public void onClick(View v) {
77             if (vybranySoubor != null && (extension.
78                 equals(".geojson") || extension.equals(".json"))) {
79                 openOffline();
80             } else if (vybranySoubor == null) {
81                 Toast.makeText(SelectOffline.this, "
82                     Není vybrána žádná vrstva!",
83                     Toast.LENGTH_LONG).show();
84             } else {
85                 Toast.makeText(SelectOffline.this, "
86                     Vybraný soubor není typu GeoJSON!",
87                     Toast.LENGTH_LONG).show();
88             }
89         }
90     @Override
91     protected void onActivityResult(int requestCode, int
92         resultCode, Intent data) {
93         super.onActivityResult(requestCode, resultCode,
94         data);
95         if(requestCode == 123 && resultCode == RESULT_OK
96             && data != null && data.getData() != null) {
97             Uri selectedfile = data.getData();
98             vybranySoubor = selectedfile;
99             strPath = FileUtils.getPath(this,
100             vybranySoubor);
101             extension = strPath.substring(strPath.
102                 lastIndexOf("."));
103             Button souborVyber = (Button) findViewById(R.id.
104                 .souborVyber);
105             souborVyber.setText(getFileName(selectedfile
106             ));
107         }
108     }
109     public void openOffline() {
110         souborVyber = (Button) findViewById(R.id.
111             souborVyber);
112     }
```

```
110         String cesta = "file://" + strPath;
111
112         Intent i = new Intent(this, Offline.class);
113         i.putExtra("vybranySoubor", cesta);
114
115         startActivity(i);
116     }
117
118     public String getFileName(Uri uri) {
119         String result = null;
120         if (uri.getScheme().equals("content")) {
121             Cursor cursor = getContentResolver().query(uri
122             , null, null, null, null);
123             try {
124                 if (cursor != null && cursor.moveToFirst
125                     ()) {
126                     result = cursor.getString(cursor.
127                     getColumnIndex(OpenableColumns.DISPLAY_NAME));
128                 }
129             }
130             if (result == null) {
131                 result = uri.getPath();
132                 int cut = result.lastIndexOf('/');
133                 if (cut != -1) {
134                     result = result.substring(cut + 1);
135                 }
136             }
137             return result;
138         }
139     }
140 }
```

```
1 package com.roller.pasporty;
2
3 import android.Manifest;
4 import android.annotation.SuppressLint;
5 import android.content.Context;
6 import android.content.DialogInterface;
7 import android.content.pm.PackageManager;
8 import android.graphics.Bitmap;
9 import android.graphics.drawable.BitmapDrawable;
10 import android.graphics.drawable.Drawable;
11 import android.location.LocationManager;
12 import android.net.Uri;
13 import android.os.Bundle;
14 import android.preference.PreferenceManager;
15 import android.view.Menu;
16 import android.view.MenuInflater;
17 import android.view.MenuItem;
18 import android.view.View;
19
20 import org.osmdroid.api.IMapController;
21 import org.osmdroid.bonuspack.kml.KmlDocument;
22 import org.osmdroid.bonuspack.kml.Style;
23 import org.osmdroid.config.Configuration;
24 import org.osmdroid.tileprovider.tilesource.ITileSource;
25 import org.osmdroid.tileprovider.tilesource.TileSourceFactory;
26 import org.osmdroid.util.BoundingBox;
27 import org.osmdroid.views.MapView;
28 import org.osmdroid.views.overlay.FolderOverlay;
29 import org.osmdroid.views.overlay.compass.CompassOverlay;
30 import org.osmdroid.views.overlay.mylocation.
31     GpsMyLocationProvider;
31 import org.osmdroid.views.overlay.mylocation.
32     MyLocationNewOverlay;
32
33 import java.io.File;
34 import java.util.ArrayList;
35
36 import androidx.appcompat.app.AlertDialog;
37 import androidx.appcompat.app.AppCompatActivity;
38 import androidx.core.app.ActivityCompat;
39 import androidx.core.content.ContextCompat;
40
41 import com.google.android.material.floatingactionbutton.
42     FloatingActionButton;
```

```

43 public class Offline extends AppCompatActivity{
44     private final int REQUEST_PERMISSIONS_REQUEST_CODE = 1;
45     private MapView map = null;
46
47     Uri souborUri;
48     File soubor = null;
49
50     boolean booLokace = false;
51     ITileSource tileSource;
52
53     FloatingActionButton fab_centermap;
54     FloatingActionButton fab_location;
55
56     @SuppressLint("CheckResult")
57     @Override
58     public void onCreate(Bundle savedInstanceState) {
59         super.onCreate(savedInstanceState);
60
61             //Load/initialize the osmdroid configuration, this
62             //can be done
63             Context ctx = getApplicationContext();
64             Configuration.getInstance().load(ctx,
65             PreferenceManager.getDefaultSharedPreferences(ctx));
66             //setting this before the Layout is inflated is a
67             //good idea
68             //it 'should' ensure that the map has a writable
69             //location for the map cache, even without permissions
70             //if no tiles are displayed, you can try overriding
71             //the cache path using Configuration.getInstance().
72             setCachePath
73             //see also StorageUtils
74             //note, the load method also sets the HTTP User
75             //Agent to your application's package name, abusing osm's
76             //tile servers will get you banned based on this
77             //string
78
79             //inflate and create the map
80             setContentView(R.layout.activity_offline);
81
82             map = (MapView) findViewById(R.id.map);
83             map.setTileSource(TileSourceFactory.MAPNIK);
84
85             /*PERMISSIONS PRO JISTOTU*/
86             requestPermissionsIfNecessary(new String[] {
87                 // if you need to show the current location
88                 , uncomment the line below
89

```

```

80             Manifest.permission.ACCESS_FINE_LOCATION,
81             Manifest.permission.ACCESS_COARSE_LOCATION
82         ,
83             // WRITE_EXTERNAL_STORAGE is required in
84             // order to show the map
85             Manifest.permission.WRITE_EXTERNAL_STORAGE
86         });
87
88     /*OSM BONUS PACK*/
89     IMapController mapController = map.getController
90     ();
91
92     /*LOADING GeoJSON*/
93     KmlDocument kmlDocument = new KmlDocument();
94
95     Bundle extras = getIntent().getExtras();
96     souborUri = Uri.parse(extras.getString("vybranySoubor"));
97     soubor = new File(souborUri.getPath());
98     kmlDocument.parseGeoJSON(soubor);
99
100    /*ZOOM NA VRSTVU*/
101    BoundingBox bb = kmlDocument.mKmlRoot.
102        getBoundingBox();
103    mapController.setCenter(bb.getCenterWithDateLine
104        ());
105    mapController.setZoom(15.0);
106    map.invalidate();
107
108    /*STYL*/
109    Drawable defaultMarker = getResources().
110        getDrawable(R.drawable.ic_marker);
111    Bitmap defaultBitmap = ((BitmapDrawable)
112        defaultMarker).getBitmap();
113    Style defaultStyle = new Style(defaultBitmap,
114        0xFFEB6D25, 6.0f, 0x80EB6D25);
115    FolderOverlay kmlOverlay = (FolderOverlay)
116    kmlDocument.mKmlRoot.buildOverlay(map, defaultStyle, null
117        , kmlDocument);
118    map.getOverlays().add(kmlOverlay);
119    map.invalidate();
120
121    /*CONTROLS*/
122    map.setMultiTouchControls(true);
123
124    /*TLACITKA*/

```

```
115         fab_centermap = (FloatingActionButton)
116             findViewById(R.id.fab_centermap);
117         fab_location = (FloatingActionButton) findViewById
118             (R.id.fab_location);
119
120         //Center Map
121         fab_centermap.setOnClickListener(new View.
122             OnClickListener() {
123                 @Override
124                 public void onClick(View v) {
125                     BoundingBox bb = kmlDocument.mKmlRoot.
126                     getBoundingBox();
127                     mapController.animateTo(bb.
128                     getCenterWithDateLine());
129                     mapController.setZoom(15.0);
130                     map.invalidate();
131                 }
132             });
133
134         //Lokace
135         GpsMyLocationProvider prov = new
136             GpsMyLocationProvider(Offline.this);
137         prov.addLocationSource(LocationManager.
138             NETWORK_PROVIDER);
139         MyLocationNewOverlay locationOverlay = new
140             MyLocationNewOverlay(prov, map);
141
142         fab_location.setOnClickListener(new View.
143             OnClickListener() {
144                 @Override
145                 public void onClick(View v) {
146                     if (booLokace == false) {
147                         locationOverlay.enableMyLocation();
148                         map.getOverlayManager().add(
149                             locationOverlay);
150                         mapController.animateTo(
151                             locationOverlay.getMyLocation());
152                         booLokace = true;
153                     } else {
154                         locationOverlay.disableMyLocation();
155                         map.getOverlayManager().remove(
156                             locationOverlay);
157                         booLokace = false;
158                     }
159                 }
160             });
161
162         }
163     });
164 }
```

```
149     }
150
151     /*MENU*/
152     @Override
153     public boolean onCreateOptionsMenu(Menu menu) {
154         MenuInflater inflater = getMenuInflater();
155         inflater.inflate(R.menu.menu_layers, menu);
156         return true;
157     }
158
159     @Override
160     public boolean onOptionsItemSelected(MenuItem item) {
161         switch (item.getItemId()) {
162             case R.id.subitem1:
163                 tileSource = TileSourceFactory.MAPNIK;
164                 map.setTileSource(tileSource);
165                 return true;
166             case R.id.subitem2:
167                 tileSource = TileSourceFactory.OpenTopo;
168                 map.setTileSource(tileSource);
169                 return true;
170             case R.id.subitem3:
171                 tileSource = TileSourceFactory.USGS_SAT;
172                 map.setTileSource(tileSource);
173                 return true;
174             default:
175                 return super.onOptionsItemSelected(item);
176         }
177     }
178
179     @Override
180     public void onResume() {
181         super.onResume();
182         //this will refresh the osmdroid configuration on
183         //resuming.
184         //if you make changes to the configuration, use
185         //SharedPreferences prefs = PreferenceManager.
186         getDefaultSharedPreferences(this);
187         //Configuration.getInstance().Load(this,
188         PreferenceManager.getDefaultSharedPreferences(this));
189         map.onResume(); //needed for compass, my location
190         overlays, v6.0.0 and up
191     }
192
193     @Override
194     public void onPause() {
```

```

191         super.onPause();
192         //this will refresh the osmdroid configuration on
193         //resuming.
194         //if you make changes to the configuration, use
195         //SharedPreferences prefs = PreferenceManager.
196         getDefaultSharedPreferences(this);
197         //Configuration.getInstance().save(this, prefs);
198         map.onPause(); //needed for compass, my location
199         overlays, v6.0.0 and up
200     }
201
202     @Override
203     public void onBackPressed() {
204         AlertDialog.Builder builder = new AlertDialog.
205         Builder(this);
206         builder.setMessage("Opravdu chcete opustit Offline
207         Prohlížeč?")
208         .setCancelable(false)
209         .setPositiveButton("Ano", new
210         DialogInterface.OnClickListener() {
211             public void onClick(DialogInterface
212             dialog, int id) {
213                 Offline.this.finish();
214             }
215         })
216         .setNegativeButton("Ne", new
217         DialogInterface.OnClickListener() {
218             public void onClick(DialogInterface
219             dialog, int id) {
220                 dialog.cancel();
221             }
222         });
223         AlertDialog alert = builder.create();
224         alert.show();
225     }
226
227
228     /*PERMISSIONS PRO JISTOTU*/
229     @Override
230     public void onRequestPermissionsResult(int requestCode
231         , String[] permissions, int[] grantResults) {
232         ArrayList<String> permissionsToRequest = new
233         ArrayList<>();
234         for (int i = 0; i < grantResults.length; i++) {
235             permissionsToRequest.add(permissions[i]);
236         }
237     }

```

```
226         if (permissionsToRequest.size() > 0) {
227             ActivityCompat.requestPermissions(
228                 this,
229                 permissionsToRequest.toArray(new
230                     String[0]),
231                 REQUEST_PERMISSIONS_REQUEST_CODE);
232         }
233     }
234     private void requestPermissionsIfNecessary(String[]
235         permissions) {
236         ArrayList<String> permissionsToRequest = new
237         ArrayList<>();
238         for (String permission : permissions) {
239             if (ContextCompat.checkSelfPermission(this,
240                 permission)
241                 != PackageManager.PERMISSION_GRANTED
242             ) {
243                 // Permission is not granted
244                 permissionsToRequest.add(permission);
245             }
246             if (permissionsToRequest.size() > 0) {
247                 ActivityCompat.requestPermissions(
248                     this,
249                     permissionsToRequest.toArray(new
250                         String[0]),
251                         REQUEST_PERMISSIONS_REQUEST_CODE);
252             }
253         }
254     }
255 }
```

```
1 package com.roller.pasporty;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.content.Intent;
6 import android.net.Uri;
7 import android.os.Bundle;
8 import android.view.View;
9
10 import mehdi.sakout.aboutpage.AboutPage;
11 import mehdi.sakout.aboutpage.Element;
12
13 public class About extends AppCompatActivity {
14
15     @Override
16     protected void onCreate(Bundle savedInstanceState) {
17         super.onCreate(savedInstanceState);
18
19         Element Mail = new Element();
20         Mail.setTitle("E-mail");
21         Mail.setDrawable(R.drawable.about_icon_email);
22         Mail.setIntent(new Intent(Intent.ACTION_SENDTO, Uri
23             .fromParts("mailto","ianroller96@gmail.com", null)));
24
25         Element Web = new Element();
26         Web.setTitle("Webové stránky");
27         Web.setDrawable(R.drawable.about_icon_link);
28         Web.setIntent(new Intent(Intent.ACTION_VIEW, Uri
29             .parse(getString(R.string.mujweb))));
30
31         Element LinkedIn = new Element();
32         LinkedIn.setTitle("LinkedIn");
33         LinkedIn.setDrawable(R.drawable.
34             about_icon_linkedin);
35         LinkedIn.setIntent(new Intent(Intent.ACTION_VIEW,
36             Uri.parse("https://www.linkedin.com/in/ianroller96/")));
37
38         View aboutPage = new AboutPage(this)
39             .isRTL(false)
40             .setImage(R.mipmap.ic_launcher)
41             .setDescription(getString(R.string.
42                 popis_about))
43             .addGroup("O aplikaci")
44             .addItem(new Element().setTitle("\u00A9 Jan
45                 ROLLER, 2019-2020"))
46             .addItem(new Element().setTitle("Katedra
```

```
40     geoinformatiky PřF UPOL"))
41             .addGroup("Použité knihovny")
42             .addItem(new Element().setTitle("osmdroid,
43                 osmbonuspack, lottie, android-about-page, RxPermissions;
44                 Leaflet, jQuery; Leaflet.EasyButton, leaflet-locatecontrol
45                 , leaflet-search; Connectivity.java"))
46             .addGroup("Použité mapové zdroje")
47             .addItem(new Element().setTitle("\u00a9
48                 Seznam.cz a.s., \u00a9 OpenStreetMap, \u00a9 ČÚZK; \u00a9
49                 OpenTopoMap, \u00a9 USGS"))
50             .addGroup("Kontakty")
51             .addItem(Web)
52             .addItem(Mail)
53             .addItem(LinkedIn)
54             .create();
55
56         setContentView(aboutPage);
57     }
58 }
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <TextView
3     xmlns:android="http://schemas.android.com/apk/res/
4         android"
5     xmlns:tools="http://schemas.android.com/tools"
6     android:id="@+id/text1"
7     style="?attr/spinnerDropDownItemStyle"
8     android:singleLine="true"
9     android:layout_width="match_parent"
10    android:layout_height="?attr/
11        dropdownListPreferredItemHeight"
12    android:ellipsize="marquee"
13    android:textColor="@color/white"
14    android:background="@drawable/abc_spinner_mtrl_am_alpha
"
15
16    android:backgroundTint="@color/white"
17    tools:ignore="PrivateResource" />
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <TextView
3     xmlns:android="http://schemas.android.com/apk/res/
4         android"
5     xmlns:tools="http://schemas.android.com/tools"
6     android:id="@+id/text1"
7     style="?attr/spinnerDropDownItemStyle"
8     android:singleLine="true"
9     android:layout_width="match_parent"
10    android:layout_height="?attr/
11        dropdownListPreferredItemHeight"
12    android:ellipsize="marquee"
13    android:textColor="@color/grey"
14    android:background="@color/white"
15    android:textAlignment="center"
16    tools:ignore="PrivateResource" />
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:
3     android="http://schemas.android.com/apk/res/android"
4     xmlns:app="http://schemas.android.com/apk/res-auto"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:background="@color/white"
8     tools:context=".SplashScreen">
9
10    <ImageView
11        android:id="@+id/mainimg"
12        android:layout_width="200dp"
13        android:layout_height="200dp"
14        android:layout_marginTop="70dp"
15        android:src="@drawable/ic_online"
16        app:layout_constraintEnd_toEndOf="parent"
17        app:layout_constraintStart_toStartOf="parent"
18        app:layout_constraintTop_toTopOf="parent" />
19
20    <TextView
21        android:id="@+id/welcomeText"
22        android:layout_width="wrap_content"
23        android:layout_height="wrap_content"
24        android:layout_marginTop="25dp"
25        android:text="Pasporty"
26        android:fontFamily="@font/gurajada_regular"
27        android:textColor="@color/grey"
28        android:textSize="60sp"
29        app:layout_constraintEnd_toEndOf="parent"
30        app:layout_constraintStart_toStartOf="parent"
31        app:layout_constraintTop_toBottomOf="@+id/mainimg"
32    />
33
34    <TextView
35        android:id="@+id/descText"
36        android:layout_width="300dp"
37        android:layout_height="wrap_content"
38        android:text="@string/popis_aplikace"
39        android:textSize="15sp"
40        app:layout_constraintEnd_toEndOf="parent"
41        app:layout_constraintStart_toStartOf="parent"
42        app:layout_constraintTop_toBottomOf="@+id/
43        welcomeText"
44            android:textAlignment="center"
45            android:lineSpacingExtra="3dp" />
```

```
44
45     <Button
46         android:id="@+id/getstarted"
47         android:background="@drawable/bgbutton"
48         android:layout_width="245dp"
49         android:layout_height="45dp"
50         android:text="ZAČÍT"
51         android:textColor="@color/white"
52         android:textSize="16sp"
53         android:textStyle="bold"
54         app:layout_constraintEnd_toEndOf="parent"
55         app:layout_constraintStart_toStartOf="parent"
56         app:layout_constraintBottom_toBottomOf="parent"
57         android:layout_marginBottom="70dp" />
58
59 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:
3     android="http://schemas.android.com/apk/res/android"
4     xmlns:app="http://schemas.android.com/apk/res-auto"
5     xmlns:tools="http://schemas.android.com/tools"
6     android:layout_width="match_parent"
7     android:layout_height="match_parent"
8     android:background="@drawable/ic_bgforapp"
9     tools:context=".MainMenu">
10
11    <FrameLayout
12        android:id="@+id/frame_header"
13        android:layout_width="match_parent"
14        android:layout_height="wrap_content"
15        app:layout_constraintLeft_toLeftOf="parent"
16        app:layout_constraintRight_toRightOf="parent"
17        app:layout_constraintTop_toTopOf="parent">
18
19        <com.airbnb.lottie.LottieAnimationView
20            android:id="@+id/animation_view"
21            android:layout_width="275dp"
22            android:layout_height="275dp"
23            android:layout_marginTop="-30dp"
24            android:layout_gravity="center"
25            app:lottie_fileName="globe.json"
26            app:lottie_loop="true"
27            app:lottie_autoPlay="true"/>
28
29        <TextView
30            android:id="@+id/nadpisdashboard"
31            android:layout_marginTop="70dp"
32            android:layout_gravity="center"
33            android:text="Pasporty"
34            android:textSize="70sp"
35            android:fontFamily="@font/gurajada_regular"
36            android:textColor="@color/orange"
37            android:shadowColor="@color/grey"
38            android:shadowDx="1"
39            android:shadowDy="1"
40            android:shadowRadius="2"
41            android:layout_width="wrap_content"
42            android:layout_height="wrap_content"/>
43
44        <TextView
45            android:id="@+id/textdashboard"
46            android:layout_marginTop="110dp"
```

```
46        android:layout_gravity="center"
47        android:text="Atributy máte ve svých rukou..."
48        android:textStyle="italic"
49        android:textSize="15sp"
50        android:textColor="@color/white"
51        android:shadowColor="@color/grey"
52        android:shadowDx="1"
53        android:shadowDy="1"
54        android:shadowRadius="2"
55        android:layout_width="wrap_content"
56        android:layout_height="wrap_content"/>/>
57    </FrameLayout>
58
59    <FrameLayout
60        android:layout_width="match_parent"
61        android:layout_height="wrap_content"
62        app:layout_constraintLeft_toLeftOf="parent"
63        app:layout_constraintRight_toRightOf="parent"
64        app:layout_constraintBottom_toBottomOf="parent"
65        app:layout_constraintTop_toBottomOf="@+id/
frame_header">
66
67        <GridLayout
68            android:id="@+id/mygrid"
69            android:layout_width="match_parent"
70            android:layout_height="wrap_content"
71            android:columnCount="2"
72            android:columnOrderPreserved="false"
73            android:rowCount="2"
74            app:layout_constraintLeft_toLeftOf="parent"
75            app:layout_constraintRight_toRightOf="parent"
76            app:layout_constraintBottom_toBottomOf="parent"
77            app:layout_constraintTop_toTopOf="parent">
78
79            <androidx.cardview.widget.CardView
80                android:id="@+id/online"
81                android:layout_width="wrap_content"
82                android:layout_height="wrap_content"
83                android:layout_rowWeight="1"
84                android:layout_columnWeight="1"
85                android:layout_margin="12dp"
86                app:cardCornerRadius="6dp"
87                app:cardElevation="4dp">
88
89                <LinearLayout
90                    android:layout_width="match_parent"
```

```
91          android:layout_height="match_parent"
92          android:layout_gravity="center"
93          android:orientation="vertical"
94          android:padding="16dp">
95
96          <ImageView
97              android:layout_width="80dp"
98              android:layout_height="80dp"
99              android:layout_gravity="center"
100             android:src="@drawable/ic_online"
101         />
102
103         <TextView
104             android:layout_width="wrap_content"
105             android:layout_height="wrap_content"
106             android:layout_gravity="center"
107             android:text="Online\nEditor"
108             android:gravity="center"
109             android:textColor="@color/grey"
110             android:textSize="18sp" />
111         </LinearLayout>
112     </androidx.cardview.widget.CardView>
113
114     <androidx.cardview.widget.CardView
115         android:id="@+id/offline"
116         android:layout_width="wrap_content"
117         android:layout_height="wrap_content"
118         android:layout_rowWeight="1"
119         android:layout_columnWeight="1"
120         android:layout_margin="12dp"
121         app:cardCornerRadius="6dp"
122         app:cardElevation="4dp">
123
124         <LinearLayout
125             android:layout_width="match_parent"
126             android:layout_height="match_parent"
127             android:layout_gravity="center"
128             android:orientation="vertical"
129             android:padding="16dp">
130
131             <ImageView
132                 android:layout_width="80dp"
133                 android:layout_height="80dp"
134                 android:layout_gravity="center"
```

```
134                                     android:src="@drawable/ic_offline"
135                               />
136                               <TextView
137                                   android:layout_width="wrap_content"
138                                   android:layout_height="
139                                   wrap_content"
140                                   android:layout_gravity="center"
141                                   android:text="Offline\nProhlížeč"
142                                   android:gravity="center"
143                                   android:textColor="@color/grey"
144                                   android:textSize="18sp" />
145                           </LinearLayout>
146                       </androidx.cardview.widget.CardView>
147
148                       <androidx.cardview.widget.CardView
149                           android:id="@+id/about"
150                           android:layout_width="wrap_content"
151                           android:layout_height="wrap_content"
152                           android:layout_rowWeight="1"
153                           android:layout_columnWeight="1"
154                           android:layout_margin="12dp"
155                           app:cardCornerRadius="6dp"
156                           app:cardElevation="4dp">
157
158                           <LinearLayout
159                               android:layout_width="match_parent"
160                               android:layout_height="match_parent"
161                               android:layout_gravity="center"
162                               android:orientation="vertical"
163                               android:padding="16dp">
164
165                               <ImageView
166                                   android:layout_width="80dp"
167                                   android:layout_height="80dp"
168                                   android:layout_gravity="center"
169                                   android:src="@drawable/ic_about"
170                               />
171
172                               <TextView
173                                   android:layout_width="wrap_content"
174                                   android:layout_height="
175                                   wrap_content"
176                                   android:layout_gravity="center"
```

```
174                      android:text="O Aplikaci"
175                      android:textColor="@color/grey"
176                      android:textSize="18sp" />
177                  </LinearLayout>
178              </androidx.cardview.widget.CardView>
179
180          <androidx.cardview.widget.CardView
181              android:id="@+id/web"
182              android:layout_width="wrap_content"
183              android:layout_height="wrap_content"
184              android:layout_rowWeight="1"
185              android:layout_columnWeight="1"
186              android:layout_margin="12dp"
187              app:cardCornerRadius="6dp"
188              app:cardElevation="4dp">
189
190          <LinearLayout
191              android:layout_width="match_parent"
192              android:layout_height="match_parent"
193              android:layout_gravity="center"
194              android:orientation="vertical"
195              android:padding="16dp">
196
197          <ImageView
198              android:layout_width="80dp"
199              android:layout_height="80dp"
200              android:layout_gravity="center"
201              android:src="@drawable/ic_web" />
202
203          <TextView
204              android:layout_width="wrap_content"
205
206              android:layout_height="
207              wrap_content"
208
209              android:layout_gravity="center"
210              android:text="Web"
211              android:textColor="@color/grey"
212              android:textSize="18sp" />
213          </LinearLayout>
214      </androidx.cardview.widget.CardView>
215  </GridLayout>
216
217  </FrameLayout>
218
219
220  </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:
3     android="http://schemas.android.com/apk/res/android"
4     xmlns:app="http://schemas.android.com/apk/res-auto"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:background="@drawable/gradient_background"
8     tools:context=".SelectOnline">
9
10    <ImageView
11        android:id="@+id/mainimg"
12        android:layout_width="150dp"
13        android:layout_height="150dp"
14        android:layout_marginTop="70dp"
15        android:src="@drawable/ic_online"
16        app:layout_constraintEnd_toEndOf="parent"
17        app:layout_constraintStart_toStartOf="parent"
18        app:layout_constraintTop_toTopOf="parent" />
19
20    <TextView
21        android:id="@+id/nadpis"
22        android:layout_width="wrap_content"
23        android:layout_height="wrap_content"
24        android:text="Online Editor"
25        android:fontFamily="@font/gurajada_regular"
26        android:textColor="@color/grey"
27        android:textSize="50sp"
28        app:layout_constraintEnd_toEndOf="parent"
29        app:layout_constraintStart_toStartOf="parent"
30        app:layout_constraintTop_toBottomOf="@id/mainimg"
31    />
32
33    <TextView
34        android:id="@+id/spinnerPopis"
35        android:layout_width="wrap_content"
36        android:layout_height="wrap_content"
37        android:layout_marginTop="10dp"
38        android:paddingStart="10dp"
39        android:text="Vyberte vrstvu:"
40        android:textSize="15sp"
41        app:layout_constraintTop_toBottomOf="@id/nadpis"
42        app:layout_constraintLeft_toLeftOf="@id/
43        spinnerVyber"
44        tools:ignore="RtlSymmetry" />
```

```
44    <Spinner  
45        android:id="@+id/spinnerVyber"  
46        android:layout_width="240dp"  
47        android:layout_height="40dp"  
48        android:background="@drawable/bgbutton"  
49        android:backgroundTint="@color/lightblue"  
50        android:paddingLeft="10dp"  
51        android:paddingRight="10dp"  
52        android:spinnerMode="dialog"  
53        android:layout_marginTop="10dp"  
54        app:layout_constraintLeft_toLeftOf="parent"  
55        app:layout_constraintTop_toBottomOf="@id/  
    spinnerPopis"  
56        app:layout_constraintRight_toRightOf="parent" />  
57  
58    <Button  
59        android:id="@+id/otevritMapu"  
60        android:layout_width="wrap_content"  
61        android:layout_height="wrap_content"  
62        android:background="@drawable/bgbutton"  
63        android:backgroundTint="@color/darkblue"  
64        android:textColor="@color/white"  
65        android:layout_marginTop="20dp"  
66        android:paddingStart="15dp"  
67        android:paddingEnd="15dp"  
68        android:text="Otevřít mapu"  
69        app:layout_constraintTop_toBottomOf="@id/  
    spinnerVyber"  
70        app:layout_constraintLeft_toLeftOf="parent"  
71        app:layout_constraintRight_toRightOf="parent" />  
72  
73    <ImageView  
74        android:id="@+id/stahnoutVrstvu"  
75        android:layout_width="56dp"  
76        android:layout_height="56dp"  
77        android:padding="16dp"  
78        android:background="@drawable/bgbutton"  
79        android:backgroundTint="@color/orange"  
80        android:src="@drawable/ic_download"  
81        android:clickable="true"  
82        android:focusable="true"  
83        android:onClick="showAlertDialog"  
84        android:tooltipText="Stáhnout vrstvu"  
85        android:layout_marginEnd="16dp"  
86        android:layout_marginBottom="16dp"  
87        app:layout_constraintRight_toRightOf="parent"
```

```
88         app:layout_constraintBottom_toBottomOf="parent" />
89
90 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:
  android="http://schemas.android.com/apk/res/android"
3   xmlns:app="http://schemas.android.com/apk/res-auto"
4   xmlns:tools="http://schemas.android.com/tools"
5   android:layout_width="match_parent"
6   android:layout_height="match_parent"
7   tools:context=".Online">
8
9   <WebView
10     android:id="@+id/webView"
11     android:layout_width="0dp"
12     android:layout_height="0dp"
13     app:layout_constraintBottom_toBottomOf="parent"
14     app:layout_constraintEnd_toEndOf="parent"
15     app:layout_constraintHorizontal_bias="0.0"
16     app:layout_constraintStart_toStartOf="parent"
17     app:layout_constraintTop_toTopOf="parent"
18     app:layout_constraintVertical_bias="0.0" />
19 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:
3     android="http://schemas.android.com/apk/res/android"
4     xmlns:app="http://schemas.android.com/apk/res-auto"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:background="@drawable/gradient_background"
8     tools:context=".SelectOffline">
9
10    <ImageView
11        android:id="@+id/mainimg"
12        android:layout_width="150dp"
13        android:layout_height="150dp"
14        android:layout_marginTop="70dp"
15        android:src="@drawable/ic_offline"
16        app:layout_constraintEnd_toEndOf="parent"
17        app:layout_constraintStart_toStartOf="parent"
18        app:layout_constraintTop_toTopOf="parent" />
19
20    <TextView
21        android:id="@+id/nadpis"
22        android:layout_width="wrap_content"
23        android:layout_height="wrap_content"
24        android:text="Offline Prohlížeč"
25        android:fontFamily="@font/gurajada_regular"
26        android:textColor="@color/grey"
27        android:textSize="50sp"
28        app:layout_constraintEnd_toEndOf="parent"
29        app:layout_constraintStart_toStartOf="parent"
30        app:layout_constraintTop_toBottomOf="@id/mainimg"
31    />
32
33    <Button
34        android:id="@+id/souborVyber"
35        android:layout_width="240dp"
36        android:layout_height="40dp"
37        android:background="@drawable/bgbutton"
38        android:backgroundTint="@color/lightblue"
39        android:textColor="@color/white"
40        android:layout_marginTop="40dp"
41        android:paddingStart="15dp"
42        android:paddingEnd="15dp"
43        android:text="Klikněte pro výběr vrstvy"
44        app:layout_constraintLeft_toLeftOf="parent"
45        app:layout_constraintTop_toBottomOf="@id/nadpis"
```

```
45         app:layout_constraintRight_toRightOf="parent"/>  
46  
47     <Button  
48         android:id="@+id/otevritMapu"  
49         android:layout_width="wrap_content"  
50         android:layout_height="wrap_content"  
51         android:background="@drawable/bgbutton"  
52         android:backgroundTint="@color/darkblue"  
53         android:textColor="@color/white"  
54         android:layout_marginTop="20dp"  
55         android:paddingStart="15dp"  
56         android:paddingEnd="15dp"  
57         android:text="Otevřít mapu"  
58         app:layout_constraintTop_toBottomOf="@+id/  
souborVyber"  
59             app:layout_constraintLeft_toLeftOf="parent"  
60             app:layout_constraintRight_toRightOf="parent" />  
61  
62 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.coordinatorlayout.widget.CoordinatorLayout xmlns:
3     android="http://schemas.android.com/apk/res/android"
4     android:orientation="vertical"
5     android:layout_width="fill_parent"
6     android:layout_height="fill_parent">
7
8     <com.google.android.material.floatingactionbutton.
9         FloatingActionButton
10        android:id="@+id/fab_centermap"
11        android:layout_width="wrap_content"
12        android:layout_height="wrap_content"
13        android:layout_gravity="bottom|end"
14        android:layout_margin="16dp"
15        android:backgroundTint="@color/lightblue"
16        app:backgroundTint="@color/lightblue"
17        android:src="@drawable/ic_map" />
18
19     <com.google.android.material.floatingactionbutton.
20         FloatingActionButton
21        android:id="@+id/fab_location"
22        android:layout_width="wrap_content"
23        android:layout_height="wrap_content"
24        android:layout_gravity="top|end"
25        android:layout_marginBottom="85dp"
26        android:layout_marginEnd="0dp"
27        android:layout_marginLeft="0dp"
28        android:layout_marginRight="0dp"
29        android:layout_marginStart="0dp"
30        android:layout_marginTop="0dp"
31        android:backgroundTint="@color/lightblue"
32        app:backgroundTint="@color/lightblue"
33        android:src="@drawable/ic_my_location"
34        app:layout_anchor="@+id/fab_centermap"
35        app:layout_anchorGravity="top" />
36
37     <org.osmdroid.views.MapView android:id="@+id/map"
38         android:layout_width="fill_parent"
39         android:layout_height="fill_parent" />
40 </CoordinatorLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:
  android="http://schemas.android.com/apk/res/android"
3   xmlns:app="http://schemas.android.com/apk/res-auto"
4   xmlns:tools="http://schemas.android.com/tools"
5   android:layout_width="match_parent"
6   android:layout_height="match_parent"
7   tools:context=".About">
8
9 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <set xmlns:android="http://schemas.android.com/apk/res/
  android"
3   android:duration="800"
4   android:interpolator="@android:anim/bounce_interpolator
">
5
6   <alpha
7     android:fromAlpha="0.0"
8     android:toAlpha="1.0"
9   />
10
11  <scale
12    android:fromXScale="0.0"
13    android:fromYScale="0.0"
14    android:toYScale="1.0"
15    android:toXScale="1.0"
16    android:pivotX="50%"
17    android:pivotY="50%"
18  />
19
20 </set>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <set xmlns:android="http://schemas.android.com/apk/res/
  android"
3   android:startOffset="600"
4   android:interpolator="@android:anim/
  accelerate_interpolator">
5
6   <translate
7     android:fromYDelta="10%"
8     android:toYDelta="0%"
9     android:duration="400"
10    />
11
12  <alpha
13    android:fromAlpha="0.0"
14    android:toAlpha="1.0"
15    android:duration="300"
16    />
17
18 </set>
```

```
1 <menu xmlns:android="http://schemas.android.com/apk/res/
  android"
2   xmlns:app="http://schemas.android.com/apk/res-auto">
3
4   <item android:id="@+id/item_vrstva"
5     android:icon="@drawable/ic_vrstva"
6     android:title="Výběr vrstvy"
7     app:showAsAction="ifRoom">
8
9     <menu>
10       <item android:id="@+id/subitem1"
11         android:title="OpenStreetMap"/>
12       <item android:id="@+id/subitem2"
13         android:title="OpenTopo"/>
14       <item android:id="@+id/subitem3"
15         android:title="USGS Satelitní"
16     />
17   </menu>
18 </item>
19 </menu>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <resources>
3     <color name="colorPrimary">#fff</color>
4     <color name="colorPrimaryDark">#00568c</color>
5     <color name="colorAccent">#eb6d25</color>
6
7     <color name="white">#ffffffff</color>
8     <color name="grey">#565656</color>
9     <color name="orange">#eb6d25</color>
10    <color name="lightblue">#006fad</color>
11    <color name="darkblue">#00568c</color>
12 </resources>
13
```

```
1 <resources>
2     <string name="app_name">Pasporty</string>
3     <string name="web">https://gis.upol.cz/pasporty/</
4         string>
5     <string name="mujweb">https://bakalarka.rollergis.cz/</
6         string>
7     <string name="popis_aplikace">Vítejte v\
u00A0univerzální pasportizační aplikaci určené k\
u00A0editaci atributů polygonových, liniových a\
u00A0bodových prvků uložených v\u00A0souborech GeoJSON.</
8         string>
9     </resources>
```

```
1 <resources>
2
3     <!-- Base application theme. -->
4     <style name="AppTheme" parent="Theme.AppCompat.Light.
5         NoActionBar">
6         <!-- Customize your theme here. -->
7         <item name="colorPrimary">@color/colorPrimary</item>
8         <item name="colorPrimaryDark">@color/
9             colorPrimaryDark</item>
10        <item name="colorAccent">@color/colorAccent</item>
11    </style>
12
13    <style name="ThemeBlue" parent="Theme.AppCompat.Light.
14        DarkActionBar">
15        <item name="colorPrimary">@color/lightblue</item>
16        <item name="colorPrimaryDark">@color/darkblue</item>
17    </style>
18
19 </resources>
```

## **WEBOVÁ ČÁST**

```
1 <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
2 <html>
3   <head>
4
5     <title>Mapa - Pasporty</title>
6
7     <meta charset="utf-8" />
8     <link rel="shortcut icon" type="image/x-icon" href="img/favicon.ico" />
9     <meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-
10    scale=1.0, user-scalable=no" />
11
12    <meta http-equiv="Cache-Control" content="no-cache, no-store, must-revalidate" />
13    <meta http-equiv="Pragma" content="no-cache" />
14    <meta http-equiv="Expires" content="0" />
15
16      <!-- PLUGINS-->
17      <!-- Leaflet 1.6.0 -->
18      <link rel="stylesheet" href="https://unpkg.com/leaflet@1.6.0/dist/leaflet.css"
integrity="sha512-
xwE/Az9zrjBIphAcBb3F6JVqxf46+CDLwfLMHloNu6KEQCAWi6HcDUbe0fBIptF7tcCzusKFjFw2yuvEpDL9w
Q==" crossorigin="" />
19      <script src="https://unpkg.com/leaflet@1.6.0/dist/leaflet.js" integrity="sha512-
gZwIG9x3wUXg2hdXF6+rVkJF/0Vi9U8D2Ntg4Ga5I5BZpVkvXlJWbSQtXPSiUTtC0TjtG0mxa1AJPuV0CPthe
w==" crossorigin="" /></script>
20      <!-- jQuery -->
21      <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">
22        <!-- Font Awesome -->
23        <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
24
25      <!-- Font Magra -->
26      <link href="https://fonts.googleapis.com/css2?family=Magra:wght@700&display=swap"
rel="stylesheet">
27
28      <!-- L.Control.Locate -->
29      <link rel="stylesheet"
30        href="https://cdn.jsdelivr.net/npm/leaflet.locatecontrol/dist/L.Control.Locate.min.cs
s" />
31      <script
32        src="https://cdn.jsdelivr.net/npm/leaflet.locatecontrol/dist/L.Control.Locate.min.js"
33        charset="utf-8"></script>
34      <!-- L.EasyButton -->
35      <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/leaflet-
easybutton@2/src/easy-button.css">
36      <script src="https://cdn.jsdelivr.net/npm/leaflet-easybutton@2/src/easy-
button.js"></script>
37
38      <!-- Search -->
39      <link rel="stylesheet" href=".plugins/leaflet-search.css"/>
40      <script src=".plugins/leaflet-search.js"></script>
41
42      <!-- CSS -->
43      <link rel="stylesheet" type="text/css" href=".styles/style_map.css">
44      <link rel="stylesheet" type="text/css" href=".styles/loader.css">
45
46      <!-- LOADER -->
```

```
46 <div class="loader-wrapper">
47 <div class="loader"><div></div><div></div><div></div><div></div></div>
48 </div>
49
50
51 <!-- MAPA -->
52 <div id='map'></div>
53
54
55 <!-- MAP SCRIPT - NAPOJENI -->
56 <script>
57     <?php $src = $_GET["src"];?> //GET GEOJSON
58     var src = <?php echo json_encode($src); ?>; //NASTAVIT PROMENNOU I V JS PRO
POPUP
59
60     var mapdata = $.ajax({
61         url:"./data/<?php echo $src; ?>",
62         dataType: "json",
63         success: console.log("Map data successfully loaded."),
64         error: function (xhr) {
65             alert(xhr.statusText)
66         }
67     })
68 </script>
69
70 <!-- NACIST MAP SCRIPT -->
71 <script src="./scripts/map_script.js?random=<?php echo uniqid(); ?>"></script>
72
73 </body>
74 </html>
```

```
1<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
2<html>
3  <head>
4
5    <title>Editace - Pasporty</title>
6
7    <meta charset="utf-8" />
8    <link rel="shortcut icon" type="image/x-icon" href="./img/favicon.ico" />
9    <meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-
10   scale=1.0, user-scalable=no" />
11
12   <meta http-equiv="Cache-Control" content="no-cache, no-store, must-revalidate" />
13   <meta http-equiv="Pragma" content="no-cache" />
14   <meta http-equiv="Expires" content="0" />
15
16   <!-- jQuery -->
17   <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">
18     <!-- Material Icons -->
19     <link href="https://fonts.googleapis.com/icon?family=Material+Icons"
20       rel="stylesheet">
21
22   <!-- CSS -->
23   <link rel="stylesheet" type="text/css" href="./styles/style_edit.css">
24
25 </head>
26 <body>
27   <?php
28     $src = $_GET["src"];
29     $id = $_GET["id"];
30   ?>
31
32   <script>
33     var src = <?php echo json_encode($src); ?>;
34     var id = <?php echo json_encode($id); ?>;
35     var cesta = './data/' + src;
36
37     <?php
38
39       $jsonString = file_get_contents('./data/' . $src);
40       $data = json_decode($jsonString, true);
41
42     ?>
43
44     var json_js = <?php echo json_encode($data); ?>;
45     console.log('PREDTIM');
46     console.log(json_js);
47
48     var json_string = JSON.stringify(json_js);
49
50
51     /*GET JSON PROPERTIES - KEY NAMES*/
52     var keys = Object.keys(json_js.features[0].properties);
53     //console.log( keys[ 0 ] );
54     console.log('KEYS: ' + keys.join(", "));
55
56     /*DELKA POLE - POCET ATRIBUTU*/
57     console.log('POCET ATRIBUTU: ' + keys.length);
      var pocet_atributu = keys.length;
```

```
58
59     /*DELKA POLE - POCET PRVKU*/
60     console.log('POCET PRVKU JSONU: ' + json_js.features.length);
61     var pocet_prvku = json_js.features.length;
62
63     /*FUNKCE NA HLEDANI - VRATI POZICI V POLI PODLE HLEDANEHO ID*/
64     function najdiPodleID(jsonIn, prvkyCount, idIn) {
65         for (var i = 0; i < prvkyCount; i++) {
66             if (jsonIn.features[i].properties.ID_PAS_L == idIn) {
67                 return i;
68             }
69         }
70     }
71
72     var hledany = najdiPodleID(json_js, pocet_prvku, id);
73     console.log('HLEDANY: ' + hledany);
74
75     /*FUNKCE NA TVORBU TEXTBOXU*/
76     var s = "";
77     function createTextbox(atributyCount, idIn) {
78         for (var i = 0; i < atributyCount; i++) {
79             s += '<label for="'+ keys[i] +'><span>' + keys[i] + '</span></label>
<input type="text" id ="textbox_'+ i +'" name="'+ keys[i] +'" value="'+
json_js.features[hledany].properties[keys[i]] + '"><br>'; //Vytvorí textbox
80         }
81     }
82
83     /*EDITACE*/
84     function saveEdits() {
85         for (var i = 0; i < pocet_atributu; i++) {
86             json_js.features[hledany].properties[keys[i]] =
document.getElementById('textbox_' + i).value;
87         }
88         console.log('Vše bylo uloženo!');
89         console.log('POTE');
90         console.log(json_js);
91
92         var pouzit = JSON.stringify(json_js);
93         document.getElementById('ulozit').value = pouzit;
94     }
95
96     function Pouzit() {
97         document.getElementById('pouzit').innerHTML = "Změny provedeny!";
98     }
99
100    window.onload = function() {
101        document.getElementById('ulozit').value = json_string;
102
103        createTextbox(pocet_atributu);
104        document.getElementById("textboxy").innerHTML = s;
105
106        $("input[name=ID_PAS_L]").prop("disabled", true);
107    }
108
109    /*TLACITKO ZPET*/
110    function tlacitkoZpet() {
111        window.location = 'map.php?src=' + src;
112    }
113
114
```

```
115     </script>
116
117     <!-- UKLADANI -->
118     <?php
119         $message = "";
120         if (isset($_POST['SubmitButton'])) { // Check if form was submitted
121             $input = $_POST['ulozit']; // Get input text
122             file_put_contents('./data/'.$src, $input);
123             echo '<script>window.location = \'map.php?src=' . $src . '\'; //Po ulozeni
zpet na mapu
124         }
125     ?>
126
127     <div class="topnav">
128         <button class="btn_zpet" onclick="tlacitkoZpet()"><span class="material-
icons">arrow_back</span></button>
129         <div class="nadpis">Upravit</div>
130         <div class="rozdelovac">
131             <svg height="50" width="5">
132                 <line x1="3" y1="10" x2="3" y2="40" />
133             </svg>
134         </div>
135         <div class="nadpis2"><?php echo $src;?> - ID: <?php echo $id;?></div>
136     </div>
137
138     <div class="obsah">
139         <div class="form-style-2">
140             <div id="textboxy"></div>
141             <span id="pouzit"></span>
142         </div>
143     </div>
144
145     <div class="spodni_lista">
146         <div class="btn_container">
147             <div class="tlacitka">
148                 <button class="btn_pouzit" id="btn_pouzit" onclick="saveEdits();
Pouzit();">Použít</button>
149             </div>
150             <div class="tlacitka">
151                 <form name="ukladani" id="ukladani" action="" method="post">
152                     <input type="hidden" id="ulozit" name="ulozit">
153                     <input type="submit" id="SubmitButton" name="SubmitButton" value="Uložit
a zpět">
154                 </form>
155             </div>
156         </div>
157     </div>
158     </body>
159 </html>
```

```

1 /*PODKLADOVE MAPY*/
2 var mapy_zakladni = L.tileLayer('https://mapserver.mapy.cz/base-m/{z}-{x}-{y}', {
3   minZoom : 2,
4   maxZoom : 18,
5   attribution: '&copy; Seznam.cz a.s., &copy; OpenStreetMap'
6 });
7
8 var mapy_letecka = L.tileLayer('https://mapserver.mapy.cz/bing/{z}-{x}-{y}', {
9   minZoom : 2,
10  maxZoom : 18,
11  attribution: '&copy; Seznam.cz a.s., &copy; OpenStreetMap'
12 });
13
14 var openstreetmap = L.tileLayer('https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png',
15 {
16   attribution: '&copy; <a href="https://www.openstreetmap.org/copyright">OpenStreetMap</a> contributors',
17   maxNativeZoom:19,
18   maxZoom:22
19 });
20
21 var cuzk_ortofoto =
22 L.tileLayer.wms('https://geoportal.cuzk.cz/WMS_ORTOFOTO_PUB/service.svc/get', {
23   layers: 'GR_ORTFOTORGB',
24   format: 'image/jpeg',
25   transparent: false,
26   crs: L.CRS.EPSG4326,
27   minZoom: 7,
28   maxZoom: 22,
29   attribution: '&copy; ČÚZK'
30 });
31
32 var cuzk_zakladni = L.tileLayer('//geoportal.cuzk.cz/WMTS_ZM_900913/WMTService.aspx?
33 service=WMTS&request=GetTile&version=1.0.0&layer=zm&style=default&format=image/jpeg&T
34 ileMatrixSet=googlemapscompatibleext2:epsg:3857&TileMatrix={z}&TileRow={y}&TileCol=
35 {x}', {
36   attribution: '&copy; ČÚZK',
37   maxZoom: 20
38 });
39
40 /*OVERLAY*/
41 var katastralniMapaOverlayLayers =
42 'parcelni_cisla,obrazy_parcel,RST_KMD,hranice_parcel,DEF_BUDOVOY,RST_KN,dalsi_p_mapy,p
43 rehledka_kat_prac,prehledka_kat_uz,prehledka_kraju-linie';
44 var katastralniMapaOverlay = L.tileLayer.wms('https://services.cuzk.cz/wms/wms.asp',
45 {
46   layers: katastralniMapaOverlayLayers,
47   format: 'image/png',
48   transparent: true,
49   crs: L.CRS.EPSG3857,
50   minZoom: 7,
51   maxZoom: 22,
52   attribution: '&copy; ČÚZK'
53 });
54
55 /*
56 */

```

```

51 var styl_PL = {
52   "color": "#eb6d25",
53   "weight": 2,
54   "fillOpacity": 0.4
55 };
56
57 var styl_PL_klik = {
58   "color": "#006bab",
59   "weight": 4,
60   "fillOpacity": 0.5
61 };
62
63 /*-----
64 */
65
66 /*ZACATEK PODMINKY*/
67 $.when(mapdata).done(function() {
68   var map = L.map('map', {
69     layers: openstreetmap
70   }).fitWorld();
71
72   $(".loader-wrapper").fadeOut("slow");
73
74
75 /*ZOOM A OBARVIT ON CLICK*/
76 function select(evt) {
77   data.resetStyle();
78   var prvek = evt.target;
79
80   if (!(prvek instanceof L.Marker)) {
81     map.fitBounds(prvek.getBounds());
82     prvek.setStyle(styl_PL_klik);
83
84     if (!L.Browser.ie && !L.Browser.opera && !L.Browser.edge) {
85       prvek.bringToFront();
86     }
87     } else {
88       map.setView(prvek.getLatLng(), 22);
89     }
90   }
91
92 /*NA SEARCH - GET JSON PROPERTIES - KEY NAMES*/
93 var keys = Object.keys(mapdata.responseJSON.features[0].properties);
94 var pocet_atributu = keys.length;
95
96
97 /*NACIST KAZDEMU PRVKU V JSONU POPUP S DATAMA*/
98 function onEachFeature(feature, layer) {
99   var popupContent = [];
100   // render properties
101   for (var key in feature.properties) {
102     popupContent.push("<td><b>" + key + "</b></td><td>" +
feature.properties[key] + "</td>");
103   }
104
105   layer.bindPopup("<table class=\"zui-table zui-table-rounded zui-table-zebra\"><thead><tr><th>Atribut</th><th>Hodnota</th></tr></thead><tbody><tr>" +
popupContent.join("</tr>") + "</tbody></table> <br> <div class=\"edit_div\"><a

```

```

1 href=\"edit.php?src="+src+"&id="+feature.properties.ID_PAS_L+""
2 class="edit">Editovat</a></div">;
3
4 *^ NEJDULEZITEJSI CAST - POPUP S TLACITKEM EDITOVAT POSILA NA edit.php
5 ATRIBUT 'ID_PAS_L'*/
6
7
8 /*ZOOM A OBARVIT ON CLICK 2*/
9 layer.on({
10   click: select
11 });
12
13 /*NA SEARCH - KAZYDMU PRVKU VYTvorit POLE PRO HLEDANI*/
14 const p = feature.properties;
15 p.l_search = "| ";
16 for (i = 0; i < pocet_atributu; i++) {
17   p.l_search += p[keys[i]] + " | ";
18 }
19
20
21 /*NACIST JSON*/
22 var data = new L.geoJson(mapdata.responseJSON, {
23   style: styl_PL,
24   onEachFeature: onEachFeature
25 }).addTo(map);
26
27
28 /*AUTO ZOOM NA NAHRANY JSON*/
29 map.fitBounds(data.getBounds());
30
31
32 /*
33
34 /*CONTROL PODKLADOVE MAPY*/
35 var baseMaps = {
36   "OpenStreetMap" : openstreetmap,
37   "Mapy.cz" : mapy_zakladni,
38   "Letecká" : mapy_letecka,
39   "Letecká ČÚZK" : cuzk_ortofoto,
40   "Základní ČÚZK" : cuzk_zakladni
41 };
42
43 var overlayMaps = {
44   "Hlavní vrstva" : data,
45   "Katastrální mapa" : katastralniMapaOverlay
46 };
47
48 L.control.layers(baseMaps, overlayMaps).addTo(map);
49
50 //AUTOMATICKY ZAVRT CONTROL PO PREPNUTI
51 map.addEventListener('baselayerchange', function(){
52   map.fire('click');
53 });
54
55
56 /*
57 */
58 // TITULEK PODKLADY
59 $('<div class="leg_nadpis">PODKLADOVÉ MAPY</div>').insertBefore('div.leaflet-control-layers-base');

```

```

160 // TITULEK OVERLAYS
161 $('<div class="leg_nadpis">PŘEKRYVNÉ VRSTVY</div>').insertBefore('div.leaflet-
control-layers-overlays');
162
163 /*LEGENDA*/
164 var legenda = '<div class="leaflet-control-layers-separator"></div><div
class="leaflet-control-layers-separator"></div> <div class="leg_nadpis">LEGENDA</div>
<div class="leg_prvek" id="polygon"><svg width="16" height="16"><rect width="16"
height="16" class="leg_poly"/></svg><span class="leg_popis">Polygon</span></div> <div
class="leg_prvek" id="line"><svg width="16" height="16"><line x1="0" y1="7" x2="16"
y2="7" class="leg_line"/></svg><span class="leg_popis">Linie</span></div> <div
class="leg_prvek" id="point"></img><span class="leg_popis_bod">Bod</span></div>';
165
166 $(legenda).insertAfter('div.leaflet-control-layers-overlays');
167
168 /*ZOBRAZOVAT DYNAMICKY*/
169 $('#polygon').hide();
170 $('#line').hide();
171 $('#point').hide();
172
173 data.eachLayer(function(layer) {
174     if (layer instanceof L.Polygon) {
175         $('#polygon').show();
176     }
177     if (layer instanceof L.Polyline) {
178         $('#line').show();
179     }
180     if (layer instanceof L.Marker) {
181         $('#point').show();
182     }
183 });
184
185 *-----
*/
186
187 /*PRI KLIKU MIMO - RESETSTYLE*/
188 map.on('click', function(){data.resetStyle();});
189
190 /*SCHOVAT COPYRIGHTY*/
191 $('.leaflet-control-attribution').hide();
192
193
194 /*SCHOVAT ZOOM*/
195 map.removeControl(map.zoomControl);
196
197
198 /*MERITKO*/
199 L.control.scale({
200     position: 'bottomright',
201     imperial: false,
202     metric: true
203 }).addTo(map);
204
205
206 /*L.CONTROL.LOCATE*/
207 L.control.locate({
208     position: 'bottomright',
209     watch: true,
210     showCompass: true,

```

```
211     icon: 'fa fa-compass',
212     showPopup: false,
213     strings: {
214         title: "Moje poloha"
215     }
216 }).addTo(map);
217
218
219 /*HOME*/
220 L.easyButton( 'fa-map', function(){
221     map.fitBounds(data.getBounds());
222 }, 'Domů', {position: 'bottomright'}).addTo(map);
223
224
225 /*SEARCH*/
226 var searchControl = new L.Control.Search({
227     layer: data,
228     propertyName: 'l_search',
229     initial: false,
230     collapsed: false,
231     textErr: 'Nebyly nalezeny žádné výsledky',
232     textCancel: 'Zrušit',
233     textPlaceholder: 'Zadejte, co hledáte...',
234     marker: false,
235     autoResize: false
236 });
237
238 searchControl.on('search:locationfound', function(e) {
239     data.resetStyle();
240     map.closePopup();
241     var prvek = e.layer;
242     if (!(prvek instanceof L.Marker)) {
243         map.fitBounds(prvek.getBounds());
244         prvek.setStyle(styl_PL_klik);
245
246         if (!L.Browser.ie && !L.Browser.opera && !L.Browser.edge) {
247             prvek.bringToFront();
248         }
249     } else {
250         map.setView(prvek.getLatLng(), 22);
251     }
252     prvek.openPopup();
253 }).on('search:collapsed', function(e) {
254     data.resetStyle();
255 });
256
257 map.addControl(searchControl);
258
259
260 });
261 /*KONEC PODMINKY*/
```

```
1 <?php
2
3 echo ";;";
4
5 if ($handle = opendir('./data')) {
6
7     $ignoredFiles = array('.', '..', '.htaccess');
8
9     while (false !== ($entry = readdir($handle))) {
10         if(in_array(pathinfo($entry, PATHINFO_BASENAME),
11 $ignoredFiles)) continue;
12         echo pathinfo($entry, PATHINFO_BASENAME) . ";;";
13     }
14     closedir($handle);
15 }
16
17 ?>
```

```
1 <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
2 <html>
3   <head>
4
5     <title>Výběr - Pasporty</title>
6
7     <meta charset="utf-8" />
8     <link rel="shortcut icon" type="image/x-icon" href="img/favicon.ico" />
9     <meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-
10    scale=1.0, user-scalable=no" />
11
12    <meta http-equiv="Cache-Control" content="no-cache, no-store, must-revalidate" />
13    <meta http-equiv="Pragma" content="no-cache" />
14    <meta http-equiv="Expires" content="0" />
15
16    <style>
17
18      /*CUSTOM SELECT*/
19      /* The container must be positioned relative: */
20      .custom-select {
21        position: relative;
22        font-family: Arial;
23        margin: auto;
24        margin-top: 5%;
25      }
26
27      .custom-select select {
28        display: none; /*hide original SELECT element: */
29      }
30
31      .select-selected {
32        background-color: #006FAD;
33      }
34
35      /* Style the arrow inside the select element: */
36      .select-selected:after {
37        position: absolute;
38        content: "";
39        top: 14px;
40        right: 10px;
41        width: 0;
42        height: 0;
43        border: 6px solid transparent;
44        border-color: #fff transparent transparent transparent;
45      }
46
47      /* Point the arrow upwards when the select box is open (active): */
48      .select-selected.select-arrow-active:after {
49        border-color: transparent transparent #fff transparent;
50        top: 7px;
51      }
52
53      /* style the items (options), including the selected item: */
54      .select-items div,.select-selected {
55        padding: 8px 16px;
56        border: 1px solid transparent;
57        border-color: transparent transparent transparent transparent;
58        cursor: pointer;
59      }
```

```
60     .select-items {
61         color: #5D5E60;
62         font-size: 15px;
63     }
64
65     .select-selected {
66         color: #FFFFFF;
67     }
68
69     /* Style items (options): */
70     .select-items {
71         position: absolute;
72         background-color: #ffffff;
73         top: 100%;
74         left: 0;
75         right: 0;
76         z-index: 99;
77     }
78
79     /* Hide the items when the select box is closed: */
80     .select-hide {
81         display: none;
82     }
83
84     .select-items div:hover, .same-as-selected {
85         background-color: #00568C;
86         color: #FFFFFF;
87     }
88
89
90     /*CUSTOM SUBMIT*/
91     .custom-submit {
92         text-align: center;
93         margin-top: 2em;
94     }
95
96     input[type=submit] {
97         font-family: Arial;
98         font-size: 15px;
99         border: none; /* Remove borders */
100        color: white; /* Add a text color */
101        padding: 14px 28px; /* Add some padding */
102        cursor: pointer; /* Add a pointer cursor on mouse-over */
103        background-color: #006FAD;
104    }
105
106    input[type=submit]:hover {
107        background: #00568C;
108    }
109
110    /*LOGO KGI*/
111    .footer {
112        position: fixed;
113        display: inline-block;
114        left: 0;
115        bottom: 1%;
116        width: 100%;
117        text-align: center;
118    }
119
```

```
120     .logoKGI {
121         width: 4em;
122         height: 4em;
123         bottom: 10%;
124     }
125
126
127 /*BODY - PRECHOD*/
128 body {
129     background-color: #C4C4C5;
130     background-image: linear-gradient(#C4C4C5, #FFFFFF);
131 }
132
133 </style>
134
135 </head>
136 <body>
137
138 <form name="form1" action="map.php" method="get">
139     <div class="custom-select" style="width:200px;">
140         <select name="src">
141             <?php
142                 if ($handle = opendir('./data')) {
143
144                     $ignoredFiles = array('.', '..', '.htaccess');
145
146                     while (false !== ($entry = readdir($handle))) {
147                         if(in_array(pathinfo($entry, PATHINFO_BASENAME),
$ignoredFiles)) continue;
148                         echo "<option value=\"" . pathinfo($entry, PATHINFO_BASENAME)
. "\">" . pathinfo($entry, PATHINFO_FILENAME) . "</option>";
149                     }
150
151                     closedir($handle);
152                 }
153             ?>
154         </select>
155     </div>
156
157     <div class="custom-submit">
158         <input type="submit" value="Otevřít mapu">
159     </div>
160 </form>
161
162 <div class="footer">
163     
164 </div>
165
166 <script>
167
168     var x, i, j, selElmnt, a, b, c;
169     /* Look for any elements with the class "custom-select": */
170     x = document.getElementsByClassName("custom-select");
171     for (i = 0; i < x.length; i++) {
172         selElmnt = x[i].getElementsByTagName("select")[0];
173         /* For each element, create a new DIV that will act as the selected item: */
174         a = document.createElement("DIV");
175         a.setAttribute("class", "select-selected");
176         a.innerHTML = selElmnt.options[selElmnt.selectedIndex].innerHTML;
177         x[i].appendChild(a);
```

```

178  /* For each element, create a new DIV that will contain the option list: */
179  b = document.createElement("DIV");
180  b.setAttribute("class", "select-items select-hide");
181  for (j = 1; j < selElmnt.length; j++) {
182      /* For each option in the original select element,
183      create a new DIV that will act as an option item: */
184      c = document.createElement("DIV");
185      c.innerHTML = selElmnt.options[j].innerHTML;
186      c.addEventListener("click", function(e) {
187          /* When an item is clicked, update the original select box,
188          and the selected item: */
189          var y, i, k, s, h;
190          s = this.parentNode.parentNode.getElementsByTagName("select")[0];
191          h = this.parentNode.previousSibling;
192          for (i = 0; i < s.length; i++) {
193              if (s.options[i].innerHTML == this.innerHTML) {
194                  s.selectedIndex = i;
195                  h.innerHTML = this.innerHTML;
196                  y = this.parentNode.getElementsByClassName("same-as-selected");
197                  for (k = 0; k < y.length; k++) {
198                      y[k].removeAttribute("class");
199                  }
200                  this.setAttribute("class", "same-as-selected");
201                  break;
202              }
203          }
204          h.click();
205      });
206      b.appendChild(c);
207  }
208  x[i].appendChild(b);
209  a.addEventListener("click", function(e) {
210      /* When the select box is clicked, close any other select boxes,
211      and open/close the current select box: */
212      e.stopPropagation();
213      closeAllSelect(this);
214      this.nextSibling.classList.toggle("select-hide");
215      this.classList.toggle("select-arrow-active");
216  });
217 }

218
219 function closeAllSelect(elmnt) {
220     /* A function that will close all select boxes in the document,
221     except the current select box: */
222     var x, y, i, arrNo = [];
223     x = document.getElementsByClassName("select-items");
224     y = document.getElementsByClassName("select-selected");
225     for (i = 0; i < y.length; i++) {
226         if (elmnt == y[i]) {
227             arrNo.push(i)
228         } else {
229             y[i].classList.remove("select-arrow-active");
230         }
231     }
232     for (i = 0; i < x.length; i++) {
233         if (arrNo.indexOf(i)) {
234             x[i].classList.add("select-hide");
235         }
236     }
237 }

```

```
238
239     /* If the user clicks anywhere outside the select box,
240      then close all select boxes: */
241     document.addEventListener("click", closeAllSelect);
242
243 </script>
244
245 </body>
246 </html>
247
```

```
1 /* NUTNE PRO MOBILNI ZARIZENI - HTML, BODY, #MAP nebo jenom #MAP */
2 body {
3     padding: 0;
4     margin: 0;
5 }
6
7 html, body, #map {
8     height: 100%;
9     width: 100vw;
10}
11
12 /* POPUP TABULKA */
13.zui-table {
14    border: solid 1px #EAEAEA;
15    border-collapse: separate;
16    border-spacing: 0;
17    font: normal 13px Arial, sans-serif;
18}
19.zui-table thead th {
20    background-color: #0066A8;
21    border: solid 2px #EAEAEA;
22    color: #FFFFFF;
23    padding: 7px;
24    text-align: center;
25}
26.zui-table tbody td {
27    border: solid 2px #EAEAEA;
28    color: #0066A8;
29    padding: 5px;
30    text-shadow: 1px 1px 1px #EAEAEA;
31}
32.zui-table-rounded {
33    border: none;
34}
35.zui-table-rounded thead th {
36    background-color: #0066A8;
37    border: none;
38    color: #FFFFFF;
39}
40.zui-table-rounded thead th:first-child {
41    border-radius: 0.6em 0 0 0;
42}
43.zui-table-rounded thead th:last-child {
44    border-radius: 0 0.6em 0 0;
45}
46.zui-table-rounded tbody td {
47    border: solid 1px #EAEAEA;
48}
49.zui-table-rounded tbody tr:last-child td:first-child {
50    border-bottom-left-radius: 0.6em;
51    border-radius: 0 0 0 0.6em;
52}
53.zui-table-rounded tbody tr:last-child td:last-child {
54    border-bottom-right-radius: 0.6em;
55    border-radius: 0 0 0.6em 0;
56}
57.zui-table-zebra tbody td:nth-child(odd) {
58    background-color: #EEF7EE;
59}
60.zui-table-zebra tbody tr:nth-child(even) {
```

```
61     background-color: #fff;
62 }
63
64 /* TLACITKO EDITOVAT */
65 .edit_div {
66     text-align: center;
67     margin-top: 0.1em;
68 }
69
70 .edit {
71     font-family: Arial;
72     font-size: 12px;
73     border-radius: 25px;
74     padding: 10px 22px;
75     cursor: pointer;
76     background-color: #EB6D25;
77
78     -webkit-box-shadow: inset 0px -5px 5px -5px rgba(0,0,0,0.5);
79     -moz-box-shadow: inset 0px -5px 5px -5px rgba(0,0,0,0.5);
80     box-shadow: inset 0px -5px 5px -5px rgba(0,0,0,0.5);
81 }
82
83
84 .edit:hover {
85     background: #D16221;
86 }
87
88 .edit_div a {
89     color: white;
90     text-decoration: none;
91 }
92
93 /*CUSTOM CONTROLS*/
94 .easy-button-container {
95     position: fixed !important;
96     bottom: 5px !important;
97     right: 5px !important;
98 }
99
100 .easy-button-button.leaflet-bar-part.leaflet-interactive.unnamed-state-active {
101     width: 40px !important;
102     height: 40px !important;
103     font-size: 22px !important;
104     color: #262626;
105 }
106
107 .fa.fa-map {
108     position: relative !important;
109     bottom: -7px !important;
110 }
111
112 /*STYL LOCATE*/
113 .leaflet-control-locate {
114     position: absolute !important;
115     bottom: 60px !important;
116     right: 5px !important;
117 }
118
119 .leaflet-bar-part.leaflet-bar-part-single {
120     width: 40px !important;
```

```
121 height: 40px !important;
122 font-size: 28px !important;
123 color: #262626;
124 }
125
126 .leaflet-bar-part.leaflet-bar-part-single:hover {
127 width: 40px !important;
128 height: 40px !important;
129 font-size: 28px !important;
130 color: #262626;
131 }
132
133 .fa.fa-compass {
134 position: relative !important;
135 bottom: -5px !important;
136 }
137
138 .fa-spinner.fa-spin.fa {
139 position: relative !important;
140 bottom: -5px !important;
141 }
142
143 /*STYL MERITKO*/
144 .leaflet-control-scale {
145 position: absolute !important;
146 bottom: 10px !important;
147 right: 65px !important;
148 }
149
150 /*STYL PREPINAC VRSTEV*/
151 .leaflet-control-layers {
152 right: 5px !important;
153 }
154
155 .leaflet-control-layers-toggle {
156 width: 40px !important;
157 height: 40px !important;
158 }
159
160 /*STYL SEARCH*/
161 .leaflet-control-search.search-exp.leaflet-control {
162 height: 40px !important;
163 left: 5px !important;
164 width: 200px !important;
165 }
166
167 .leaflet-control-search .search-input {
168 height: 32px !important;
169 width: 165px !important;
170 }
171
172 .leaflet-control-search .search-button{
173 margin-top: 5px !important;
174 margin-left: 1px !important;
175 height: 28px !important;
176 }
177
178 .leaflet-control-search a.search-cancel{
179 margin-top: 10px !important;
180 }
```

```
181
182 .leaflet-control-search.search-exp.leaflet-control .search-input {
183     padding-left: 7px !important;
184 }
185
186
187 /*LEGENDA*/
188 .leg_nadpis {
189     font-family: 'Magra', sans-serif;
190     font-size: 14px;
191     text-align:center;
192     margin-bottom: 5px;
193 }
194
195 .leg_prvek {
196     margin-left: 3px;
197     margin-bottom: 4px;
198 }
199
200 .leg_prvek svg {
201     vertical-align: middle;
202 }
203
204 .leg_poly {
205     fill: #eba983;
206     stroke-width: 4;
207     stroke: #eb6d25;
208     vertical-align: middle;
209 }
210
211 .leg_line {
212     stroke-width: 2;
213     stroke: #eb6d25;
214 }
215
216 .leg_point {
217     vertical-align: middle;
218     margin-left: 3px;
219 }
220
221 .leg_popis {
222     margin-left: 6px;
223 }
224
225 .leg_popis_bod {
226     margin-left: 9px;
227 }
```

```
1 body {
2   margin: 0;
3 }
4
5 /*TOPNAV*/
6 .topnav {
7   position: fixed;
8   top: 0;
9   z-index: 999;
10  width: 100%;
11  height: 50px;
12  background-color: #006FAD;
13  display: flex;
14  align-items: center;
15  overflow: hidden;
16
17 -webkit-box-shadow: 1px 1px 5px 0px rgba(0,0,0,0.75);
18 -moz-box-shadow: 1px 1px 5px 0px rgba(0,0,0,0.75);
19 box-shadow: 1px 1px 5px 0px rgba(0,0,0,0.75);
20 }
21
22 .btn_zpet {
23   border: none;
24   border-radius: 50%;
25   color: white;
26   padding: 3px 3px;
27   margin-left: 5px;
28   cursor: pointer;
29   background-color: #006FAD;
30   transition: 0.5s;
31 }
32
33 .btn_zpet:hover {
34   background: #00568C;
35 }
36
37 .nadpis {
38   font-family: sans-serif;
39   font-size: 15px;
40   font-weight: bold;
41   color: white;
42   margin-left: 15px;
43   margin-right: 10px;
44 }
45
46 .rozdelenovac svg line {
47   stroke: #FFFFFF;
48   stroke-width: 1px;
49 }
50
51 .nadpis2 {
52   font-family: sans-serif;
53   font-size: 12px;
54   color: white;
55   margin-left: 10px;
56   margin-top: 3px;
57 }
58
59 .obsah {
60   margin-top: 50px;
```

```
61 background-color: #C4C4C5;
62 background-image: linear-gradient(#C4C4C5, #FFFFFF);
63 }
64
65 /*FORMULAR*/
66 .form-style-2{
67   max-width: 500px;
68   padding: 20px 12px 10px 20px;
69   font: 13px Arial, Helvetica, sans-serif;
70 }
71 .form-style-2 label{
72   margin: 0px 0px 15px 0px;
73   color: #565656;
74 }
75 .form-style-2 label > span{
76   width: 100px;
77   font-weight: bold;
78   float: left;
79   padding-top: 8px;
80   padding-right: 5px;
81 }
82 .form-style-2 input[type=text]{
83   width: 48%;
84   box-sizing: border-box;
85   -webkit-box-sizing: border-box;
86   -moz-box-sizing: border-box;
87   border: 1px solid #C2C2C2;
88   box-shadow: 1px 1px 4px #EBEBEB;
89   -moz-box-shadow: 1px 1px 4px #EBEBEB;
90   -webkit-box-shadow: 1px 1px 4px #EBEBEB;
91   border-radius: 3px;
92   -webkit-border-radius: 3px;
93   -moz-border-radius: 3px;
94   padding: 7px;
95   margin-bottom: 7px;
96   outline: none;
97 }
98
99 /*SPODNI LISTA*/
100 .spodni_lista {
101   position: fixed;
102   bottom: 0;
103   z-index: 999;
104   width: 100%;
105   height: 50px;
106   background-color: #ffffff;
107   display: flex;
108   align-items: center;
109   overflow: hidden;
110
111   -webkit-box-shadow: 1px 1px 5px 0px rgba(0,0,0,0.75);
112   -moz-box-shadow: 1px 1px 5px 0px rgba(0,0,0,0.75);
113   box-shadow: 1px 1px 5px 0px rgba(0,0,0,0.75);
114 }
115
116 /*TLACITKA*/
117 .btn_container {
118   margin-left: auto;
119   margin-right: 10px;
120 }
```

```
121
122 .tlacitka {
123   display: inline-block;
124   margin-left: 10px;
125 }
126
127 #ukladani {
128   margin: 0;
129 }
130
131 /*TLACITKO POUZIT*/
132 .btn_pouzit {
133   font-family: Arial;
134   font-size: 14px;
135   border: none;
136   border-radius: 25px;
137   padding: 10px 22px;
138   cursor: pointer;
139   color: white;
140   background-color: #EB6D25;
141
142   -webkit-box-shadow: 0px 5px 5px -5px rgba(0,0,0,0.5);
143   -moz-box-shadow: 0px 5px 5px -5px rgba(0,0,0,0.5);
144   box-shadow: 0px 5px 5px -5px rgba(0,0,0,0.5);
145 }
146
147 .btn_pouzit:hover {
148   background: #D16221;
149 }
150
151 /*CUSTOM SUBMIT*/
152 input[type=submit] {
153   font-family: Arial;
154   font-size: 14px;
155   border: none;
156   border-radius: 25px;
157   color: white;
158   padding: 10px 22px;
159   cursor: pointer;
160   background-color: #00568C;
161
162   -webkit-box-shadow: 0px 5px 5px -5px rgba(0,0,0,0.5);
163   -moz-box-shadow: 0px 5px 5px -5px rgba(0,0,0,0.5);
164   box-shadow: 0px 5px 5px -5px rgba(0,0,0,0.5);
165 }
166
167 input[type=submit]:hover {
168   background: #004773;
169 }
170
171 /*POUZIT ALERT*/
172 #pouzit {
173   margin-top: 5px;
174   font-style: italic;
175   color: green;
176   font-family: Arial;
177 }
```

```
1 .loader-wrapper {  
2   width: 100%;  
3   height: 100%;  
4   position: absolute;  
5   top: 0;  
6   left: 0;  
7   background-image: linear-gradient(#c4c4c5, #ffffff);  
8   display:flex;  
9   justify-content: center;  
10  align-items: center;  
11 }  
12 .loader {  
13   display: inline-block;  
14   position: relative;  
15   width: 80px;  
16   height: 80px;  
17 }  
18 .loader div {  
19   box-sizing: border-box;  
20   display: block;  
21   position: absolute;  
22   width: 64px;  
23   height: 64px;  
24   margin: 8px;  
25   border: 8px solid #006fad;  
26   border-radius: 50%;  
27   animation: lds-ring 1.2s cubic-bezier(0.5, 0, 0.5, 1) infinite;  
28   border-color: #006fad transparent transparent transparent;  
29 }  
30 .loader div:nth-child(1) {  
31   animation-delay: -0.45s;  
32 }  
33 .loader div:nth-child(2) {  
34   animation-delay: -0.3s;  
35 }  
36 .loader div:nth-child(3) {  
37   animation-delay: -0.15s;  
38 }  
39 @keyframes lds-ring {  
40   0% {  
41     transform: rotate(0deg);  
42   }  
43   100% {  
44     transform: rotate(360deg);  
45   }  
46 }
```

```
1<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
2<html>
3  <head>
4
5    <title>BP Roller | Upload</title>
6
7    <meta charset="utf-8" />
8    <link rel="shortcut icon" type="image/x-icon" href="img/favicon.ico" />
9    <meta name="viewport" content="width=device-width, initial-scale=1.0">
10
11   <meta http-equiv="Cache-Control" content="no-cache, no-store, must-revalidate" />
12   <meta http-equiv="Pragma" content="no-cache" />
13   <meta http-equiv="Expires" content="0" />
14
15   <!-- jQuery -->
16   <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">
17 </script>
18
19   <!-- Plugin-CSS -->
20   <link rel="stylesheet" href=".//upload/css/bootstrap.min.css">
21   <link rel="stylesheet" href=".//upload/css/themify-icons.css">
22   <!-- Main-Stylesheets -->
23   <link rel="stylesheet" href=".//upload/css/normalize.css">
24   <link rel="stylesheet" type="text/css" href=".//styles/style_upload.css">
25   <link rel="stylesheet" href=".//upload/css/responsive.css">
26
27   <!--Vendor-JS-->
28   <script src=".//upload/js/bootstrap.min.js"></script>
29
30   <!--Sweet-Alert-->
31   <script src="https://cdn.jsdelivr.net/npm/sweetalert2@9"></script>
32
33 </head>
34 <body>
35   <!--Mainmenu-area-->
36   <div class="mainmenu-area affix">
37     <div class="container">
38       <!--Logo-->
39       <div class="navbar-header">
40         <button type="button" class="navbar-toggle" data-toggle="collapse"
41 data-target="#primary-menu">
42           <span class="icon-bar"></span>
43           <span class="icon-bar"></span>
44           <span class="icon-bar"></span>
45         </button>
46         <a href="javascript: history.go(-1)" class="navbar-brand logo">
47           <h2>PASPORTY</h2>
48         </a>
49       </div>
50       <!--Logo/-->
51       <nav class="collapse navbar-collapse" id="primary-menu">
52         <ul class="nav navbar-nav navbar-right">
53           <li><a href="javascript: history.go(-1)">Zpět</a></li>
54           <li class="active"><a href="#">NAHRÁT DATA</a></li>
55         </ul>
56       </nav>
57     </div>
58   <!--Mainmenu-area/-->
```

```
59      <section class="sky-bg" style="padding-top: 150px !important; padding-bottom: 70px !important;">
60          <div class="container">
61              <div class="row">
62                  <div class="col-xs-12 col-sm-6 col-sm-offset-3 text-center">
63                      <div class="page-title">
64                          <h2>NAHRÁT DATA</h2>
65                          <p>Zde lze do pasportizační aplikace nahrát data ve formátu GeoJSON. A&nbsp;nebo můžete data <a href=".//browse.php">stáhnout či smazat zde</a>.</p>
66                  </div>
67              </div>
68          </div>
69          <div class="row" style="text-align: center !important;">
70              <form name="ukladani" id="ukladani" action="" method="post">
71                  <div class="custom-file-input">
72                      <label for="fileInput" class="button" id="label">Vybrat GeoJSON</label>
73                      <input type="file" id="fileInput" accept=".geojson,.json" required>
74                  </div>
75                  <br>
76                  <input type="hidden" id="ulozit" name="ulozit">
77                  <input type="hidden" id="nazevsouboru" name="nazevsouboru">
78                  <button type="submit" id="SubmitButton" name="SubmitButton" class="button orange">Nahrát</button>
79              </form>
80
81          <!--PREVENT FORM RESUBMISSION-->
82          <script>
83              if ( window.history.replaceState ) {
84                  window.history.replaceState( null, null, window.location.href );
85              }
86          </script>
87
88          <!--SAMOTNY UPLOAD-->
89          <?php
90              if ( isset($_POST['SubmitButton']) ) { // Check if form was submitted
91                  $input = $_POST['ulozit']; // Get input text - JSON
92                  $name = $_POST['nazevsouboru']; //Nazevsouboru
93                  file_put_contents('./data/'.$name, $input); //ulozit do souboru
94                  echo '<script>Swal.fire(\'Hotovo\',\'Soubor byl úspěšně nahrán na server!\',\'success\')</script>'; //alert
95              }
96          ?>
97
98          <!--SCRIPT UPLOADU-->
99          <script src=".//scripts/upload_script.js?random=<?php echo uniqid(); ?>"></script>
100
101      </div>
102  </div>
103 </section>
104
105 <!--Zacatek-ke-stazeni-->
106 <section class="gray-bg" style="padding-top: 70px !important; padding-bottom: 70px !important;">
```

```
107     <div class="container">
108         <div class="row">
109             <div class="col-xs-12 col-sm-6 col-sm-offset-3 text-center">
110                 <div class="page-title">
111                     <h2>DŮLEŽITÉ ODKAZY A TESTOVACÍ DATA</h2>
112                 </div>
113             </div>
114         </div>
115         <div class="row">
116             <div class="col-xs-12 col-sm-6 col-md-3">
117                 <div class="box">
118                     <div style="font-size: 50px !important; margin-bottom: 35px
!important;">
119                         <span class="ti-reload"></span>
120                     </div>
121                     <h3>Online Geodata Converter</h3>
122                     <p>Online převodník geodat, kde je možné převést různé
formáty do požadovaného GeoJSONu.</p>
123                     <p>Omezení je na <b>3 datasety</b> nebo <b>5 MB dat / 
měsíc</b>. Je důležité nastavit cílový souřadnicový systém na <b>WGS 84</b> (EPSG:
4326).</p>
124                     <br>
125                     <a href="https://mygeodata.cloud/converter/" class="button
orange">Přejít</a>
126                 </div>
127             </div>
128             <div class="col-xs-12 col-sm-6 col-md-3">
129                 <div class="box">
130                     <div style="font-size: 50px !important; margin-bottom: 35px
!important;">
131                         <span class="ti-write"></span>
132                     </div>
133                     <h3>Geojson.io</h3>
134                     <p>Nástroj k editaci geodat v souborech typu GeoJSON.</p>
135                     <br>
136                     <a href="http://geojson.io/" class="button orange">Přejít</a>
137                 </div>
138             </div>
139             <div class="col-xs-12 col-sm-6 col-md-3">
140                 <div class="box">
141                     <div style="font-size: 50px !important; margin-bottom: 35px
!important;">
142                         <span class="ti-save"></span>
143                     </div>
144                     <h3>Testovací Data 1</h3>
145                     <p>Pilotní data 1 ve formátu GeoJSON pochází z projektu
Inovačního Voucheru Olomouckého kraje pro obec Příkazy. Jedná se o data parcel.
<br>Soubory <i>polohopi</i> a <i>polohopi_2</i> v archivu ZIP (633&nbsp;kB)</p>
146                     <br>
147                     <a href=".//upload/download/polohopi.zip" class="button
orange">Stáhnout</a>
148                 </div>
149             </div>
150             <div class="col-xs-12 col-sm-6 col-md-3">
151                 <div class="box">
152                     <div style="font-size: 50px !important; margin-bottom: 35px
!important;">
153                         <span class="ti-save"></span>
154                     </div>
155                     <h3>Testovací Data 2</h3>
```

```
156          <p>Pilotní data 2 ve formátu GeoJSON byla vytvořena autorem  
157 práce. Jedná se o 3 ukázkové vrstvy možných pasportů hřbitova, komunikací a veřejného  
158 osvětlení.<br>3 vrstvy (SHP a GeoJSON) v archivu ZIP (21&nbsp;kB)</p>  
159          <br>  
160          <a href=".//upload/download/PilotniData2.zip" class="button  
orange">Stáhnout</a>  
161      </div>  
162  </div>  
163 </div>  
164 </div>  
165 <!--Konec-ke-stazeni-->  
166 <!--Zacatek-footer-->  
167 <footer class="footer-area relative sky-bg" id="footer">  
168   <div class="absolute footer-bg"></div>  
169   <div class="footer-middle">  
170     <div class="container">  
171       <div class="row">  
172         <div class="col-lg-3 col-sm-6">  
173           <div class="single-footer-widget">  
174             <h6 class="text-white text-uppercase mb-20">Autor</h6>  
175             <div class="d-flex">  
176               <ul style="list-style-type: none !important; padding-left: 0 !important;">  
177                 <li>Jan ROLLER</li>  
178                 <li><a href="mailto:inflames.honza@gmail.com">inflames.honza@gmail.com</a></li>  
179                 <ul>  
180                   </ul>  
181                 </div>  
182             </div>  
183             <div class="col-lg-3 col-sm-6">  
184               <div class="single-footer-widget">  
185                 <h6 class="text-white text-uppercase mb-20">Vedoucí  
práce</h6>  
186                 <div class="d-flex">  
187                   <ul style="list-style-type: none !important; padding-left: 0 !important;">  
188                     <li>Mgr. Rostislav NÉTEK, Ph.D.</li>  
189                     <li><a href="mailto:rostislav.netek@upol.cz">rostislav.netek@upol.cz</a></li>  
190                     <ul>  
191                       </ul>  
192                     </div>  
193                 </div>  
194                 <div class="col-lg-3 col-sm-6">  
195                   <div class="single-footer-widget">  
196                     <div class="d-flex">  
197                       <a href="http://www.geoinformatics.upol.cz/">  
198                           
199                       </a>  
200                     </div>  
201                   </div>  
202                 </div>  
203                 <div class="col-lg-3 col-sm-6">  
204                   <div class="single-footer-widget">  
205                     <div class="d-flex">  
206                       <a href="https://www.upol.cz/">  
207                         
```

```
208                     </a>
209                 </div>
210             </div>
211         </div>
212     </div>
213 </div>
214 <div class="footer-bottom">
215     <div class="container">
216         <div class="row">
217             <div class="col-xs-12 col-sm-6 pull-left">
218                 <p>&copy; Jan ROLLER, Olomouc 2019/20 | This template is made
219 with <i class="ti-heart" aria-hidden="true"></i> by <a
220 href="https://colorlib.com">Colorlib</a></p>
221             </div>
222         </div>
223     </div>
224 </footer>
225 <!--Konec-footer-->
226
227 </body>
228 </html>
229
```

```
1 /*-----  
2 1. Google font  
3 -----*/  
4  
5 @import url('https://fonts.googleapis.com/css?family=Poppins:300,400,500,600,700');  
6  
7 /*-----  
8 2. Theme Default CSS  
9 -----*/  
10  
11 a {  
12     text-decoration: none;  
13     outline: none;  
14     -webkit-transition: 0.4s;  
15     transition: 0.4s;  
16     color: #333333;  
17 }  
18  
19 input:focus,  
20 button:focus,  
21 a:focus,  
22 a:hover {  
23     text-decoration: none;  
24     outline: none;  
25     color: #000000;  
26 }  
27  
28 img {  
29     max-width: 100%;  
30     height: auto;  
31 }  
32  
33 h1,  
34 h2,  
35 h3,  
36 h4,  
37 h5,  
38 h6 {  
39     margin: 0 0 10px;  
40     font-weight: 600;  
41 }  
42  
43 html,  
44 body {  
45     height: 100%  
46     width: 100%;  
47 }  
48  
49 body {  
50     font-family: 'Poppins', sans-serif;  
51     font-weight: 400;  
52     font-size: 15px;  
53     line-height: 1.8;  
54     color: #515656;  
55 }  
56  
57 /* Remove Chrome Input Field's Unwanted Yellow Background Color */  
58  
59 input:-webkit-autofill,  
60 input:-webkit-autofill:hover,
```

```
61 input:-webkit-autofill:focus {  
62     -webkit-box-shadow: 0 0 0px 1000px white inset !important;  
63 }  
64  
65 /**  
66 *Helper-Classes  
67 **/  
68  
69 .full-height {  
70     width: 100%;  
71     height: 100vh;  
72 }  
73  
74 .relative {  
75     position: relative;  
76 }  
77  
78 .fixed,  
79 .absolute {  
80     position: absolute;  
81     left: 0;  
82     top: 0;  
83     width: 100%;  
84     height: 100%;  
85 }  
86  
87 .fixed {  
88     position: fixed;  
89 }  
90  
91 .v-center {  
92     display: -webkit-box;  
93     display: -ms-flexbox;  
94     display: flex;  
95     -webkit-box-align: center;  
96     -ms-flex-align: center;  
97     align-items: center;  
98     -ms-flex-line-pack: center;  
99     align-content: center;  
100    -ms-flex-wrap: wrap;  
101    flex-wrap: wrap  
102 }  
103  
104 .section-padding {  
105     padding: 120px 0;  
106 }  
107  
108 .social-menu {  
109     list-style: none;  
110     margin: 0;  
111     padding: 10px;  
112 }  
113  
114 .social-menu li {  
115     display: inline-block;  
116     margin: 0 3px;  
117 }  
118  
119 .social-menu li a {  
120     display: block;
```

```
121     width: 36px;  
122     height: 36px;  
123     text-align: center;  
124     line-height: 2.5em;  
125     background-color: #ffffff;  
126     color: #138fc2;  
127     border-radius: 100px;  
128     -webkit-box-shadow: 0 0 0 0 rgba(0, 0, 0, 0.1);  
129     box-shadow: 0 0 0 0 rgba(0, 0, 0, 0.1);  
130     font-size: 15px;  
131 }  
132  
133 .social-menu li a:hover {  
134     background-color: #138fc2;  
135     color: #ffffff;  
136     -webkit-box-shadow: 3px 3px 5px 0 rgba(0, 0, 0, 0.1);  
137     box-shadow: 3px 3px 5px 0 rgba(0, 0, 0, 0.1);  
138 }  
139  
140 /**  
141 *Default Background Class  
142 **/  
143  
144 .overlay:before,  
145 .sky-bg {  
146     background: #75cbe7;  
147     background: -webkit-gradient(linear, left top, left bottom, from(#75cbe7),  
148     to(#138fc2));  
149     background: linear-gradient(to bottom, #75cbe7 0%, #138fc2 100%);  
150     filter: progid:DXImageTransform.Microsoft.gradient( startColorstr='#75cbe7',  
151     endColorstr='#138fc2', GradientType=0);  
152     color: #ffffff;  
153 }  
154  
155 .gray-bg {  
156     background-color: #f2fefe;  
157 }  
158  
159 /**  
160 *Default Button  
161 **/  
162  
163 .button {  
164     display: inline-block;  
165     padding: 8px 30px;  
166     border-radius: 50px;  
167     color: #ffffff;  
168     background-color: #2f60c3;  
169     -webkit-transition: 0.3s;  
170     transition: 0.3s;  
171     border: none;  
172     -webkit-box-shadow: 2px 5px 20px -5px rgba(0, 0, 0, 0.1);  
173     box-shadow: 2px 5px 20px -5px rgba(0, 0, 0, 0.1);  
174 }  
175  
176 .button.white,  
177 .button:hover {  
178     background-color: #ffffff;  
179     color: #138fc2;  
180 }
```

```
179
180 .button.white:hover {
181     background-color: #2f60c3;
182     color: #ffffff;
183 }
184
185 .button.orange {
186     background-color: #eb6d25;
187     color: #ffffff;
188 }
189
190 .button.orange:hover {
191     background-color: #d16221;
192     color: #ffffff;
193 }
194
195 .button i {
196     margin-left: 5px;
197 }
198
199 /**
200 *Page title
201 */
202
203 .page-title {
204     margin-bottom: 60px;
205 }
206
207 .page-title h2 {
208     text-transform: uppercase;
209     position: relative;
210     margin-bottom: 20px;
211     padding-bottom: 20px;
212 }
213
214 .page-title h2:after {
215     content: "\e675";
216     font-family: 'themify';
217     position: absolute;
218     left: 50%;
219     -webkit-transform: translateX(-50%);
220     transform: translateX(-50%);
221     bottom: -10px;
222     width: 15px;
223     height: 15px;
224     font-size: 14px;
225 }
226
227 /**
228 *Box-style
229 */
230
231 .box {
232     padding: 50px 30px;
233     text-align: center;
234     -webkit-box-shadow: 0 0 0 0 #ffffff;
235     box-shadow: 0 0 0 0 #ffffff;
236     -webkit-transition: 0.3s;
237     transition: 0.3s;
238     border-radius: 5px;
```

```
239     -webkit-transform: translateY(0);
240     transform: translateY(0)
241 }
242
243 .box:hover {
244     -webkit-box-shadow: 0 10px 30px -5px rgba(0, 0, 0, 0.1);
245     box-shadow: 0 10px 30px -5px rgba(0, 0, 0, 0.1);
246     background-color: #ffffff;
247     -webkit-transform: translateY(-5px);
248     transform: translateY(-5px)
249 }
250
251 .box h4 {
252     text-transform: uppercase;
253 }
254
255 .box .box-icon {
256     height: 160px;
257     margin-bottom: 20px;
258 }
259
260 .box .box-icon img {
261     -webkit-filter: grayscale(100%);
262     filter: grayscale(100%);
263     -webkit-transition: 0.3s;
264     transition: 0.3s;
265 }
266
267 .box:hover .box-icon img {
268     -webkit-filter: grayscale(0);
269     filter: grayscale(0)
270 }
271
272
273 /**
274 *Mainmenu-area
275 */
276
277 .mainmenu-area {
278     position: fixed;
279     left: 0;
280     top: 0;
281     width: 100%;
282     z-index: 9999999;
283     -webkit-transition: 0.3s;
284     transition: 0.3s;
285 }
286
287 .overlay,
288 .overlay a,
289 .mainmenu-area a {
290     color: #ffffff;
291 }
292
293 .mainmenu-area .logo {
294     text-transform: uppercase;
295     letter-spacing: 2px;
296     height: inherit;
297     margin-top: 8px;
298     padding-left: 0;
```

```
299 }
300
301 .mainmenu-area .logo h2 {
302     margin-bottom: 0;
303 }
304
305 .mainmenu-area #primary-menu > ul > li > a {
306     background: none;
307     padding: 30px 15px;
308     position: relative;
309     border-top: 3px solid transparent;
310     text-align: center;
311 }
312
313 .mainmenu-area #primary-menu > ul > li > a:before {
314     content: "";
315     position: absolute;
316     left: 50%;
317     -webkit-transform: translateX(-50%);
318     transform: translateX(-50%);
319     top: -10px;
320     width: 0;
321     height: 0;
322     border-right: 10px solid transparent;
323     border-left: 10px solid transparent;
324     border-top: 10px solid #ffffff;
325     opacity: 0;
326     -webkit-transition: 0.3s;
327     transition: 0.3s;
328 }
329
330 .mainmenu-area #primary-menu > ul > li > a:hover:before,
331 .mainmenu-area #primary-menu > ul > li.active > a:before {
332     opacity: 1;
333     top: 0;
334 }
335
336 .mainmenu-area #primary-menu ul li.active a,
337 .mainmenu-area #primary-menu ul li a:hover {
338     border-top: 3px solid #ffffff;
339 }
340
341 .mainmenu-area.affix {
342     background-color: #138fc2;
343 }
344
345
346 /*-----
347 3. Footer area
348 -----*/
349
350 .footer-area {
351     padding-top: 120px;
352     z-index: 1;
353 }
354
355 .footer-bg {
356     z-index: -1;
357 }
358
```

```
359 .footer-top {  
360     margin-bottom: 150px;  
361 }  
362  
363 .side-icon-box {  
364     margin-bottom: 30px;  
365     position: relative;  
366     padding-left: 80px;  
367 }  
368  
369 .side-icon-box a {  
370     color: #ffffff;  
371 }  
372  
373 .side-icon-box .side-icon {  
374     position: absolute;  
375     left: 0;  
376     top: 0;  
377     width: 60px;  
378 }  
379  
380 .side-icon-box strong {  
381     display: block;  
382     margin-bottom: 10px;  
383 }  
384  
385 .footer-middle {  
386     margin-bottom: 60px;  
387 }  
388  
389 .footer-bottom {  
390     border-top: 1px solid rgba(255, 255, 255, 0.2);  
391     padding-top: 25px;  
392     padding-bottom: 15px;  
393 }  
394  
395  
396 /*-----  
397 3. Moje styls  
398 -----*/  
399  
400 /***  
401 *Styl fileInputu - nechat ho zmizet  
402 ****/  
403  
404 #fileInput {  
405     opacity: 0;  
406     position: absolute;  
407     z-index: -1;  
408 }  
409  
410 #label {  
411     cursor: pointer;  
412 }
```

```
1
2 var nacteny = "";
3 var objekt;
4
5 var zmeneno;
6
7 var fileName = "";
8
9 /*ZMENIT LABEL TLACITKA NA NAZEV SOUBORU*/
10 $('.custom-file-input input[type="file"]').change(function(e){
11     $("#label").html(e.target.files[0].name);
12     fileName = e.target.files[0].name;
13     console.log('Soubor: ' + fileName);
14 });
15
16
17 /*FUNKCE, KTERA VLOZI UPRAVENEJ JSON DO HIDDENU*/
18 function JSONdoHiddenu() {
19     var pouzit = JSON.stringify(objekt);
20     document.getElementById('ulozit').value = pouzit; //JSON do hiddenu1
21
22     document.getElementById('nazevsouboru').value = fileName; //nazev souboru do hiddenu2
23 }
24
25 /*FUNKCE NA NA PRIDANI UNIKATNIHO ID PO OTEVRENI GEOJSONU*/
26 document.getElementById('fileInput').addEventListener('change', function selectedFileChanged() {
27
28     const reader = new FileReader();
29     reader.onload = function fileReadCompleted() {
30         // when the reader is done, the content is in reader.result.
31         nacteny = reader.result;
32         //console.log('NACTENY: ' + nacteny);
33
34         try {
35             objekt = JSON.parse(nacteny); // this is how you parse a string into JSON
36             //console.log('OBJEKTE: ' + objekt);
37         } catch (ex) {
38             console.error(ex);
39         }
40
41         /*GET JSON PROPERTIES - KEY NAMES*/
42         var keys = Object.keys(objekt.features[0].properties);
43         //console.log('KEYS: ' + keys.join(", "));
44
45         /*DELKA POLE - POCET PRVKU*/
46         //console.log('POCET PRVKU JSONU: ' + objekt.features.length);
47         var pocet_prvku = objekt.features.length;
48
49
50         /*PRIDAT UNIKATNI ID - ATRIBUT 'ID_PAS_L'*/
51         for (var i = 0; i < pocet_prvku; i++) {
52             var cislo = (i + 1).toString(); //aby to necislovalo od nuly
53             objekt.features[i].properties["ID_PAS_L"] = cislo;
54         }
55
56         //console.log('PO PRIDANI: ' + JSON.stringify(objekt));
57         //Ted je pridane nove pole s indexem a muze se GeoJSON nahrat jako soubor na server
58 }
```

```
58
59     JSONdoHiddenu(); //JSON a nazev souboru do hiddenu
60 };
61 reader.readAsText(this.files[0]);
62});
```

```
1 <?php
2 ****
3 Simple PHP File Manager
4 Copyright John Campbell (jcampbell1)
5
6 Liscense: MIT
7 ****
8
9 //Disable error report for undefined superglobals
10 error_reporting( error_reporting() & ~E_NOTICE );
11
12 //Security options
13 $allow_delete = true; // Set to false to disable delete button and delete POST
request.
14 $allow_upload = false; // Set to true to allow upload files
15 $allow_create_folder = false; // Set to false to disable folder creation
16 $allow_direct_link = false; // Set to false to only allow downloads and not direct
link
17 $allow_show_folders = false; // Set to false to hide all subdirectories
18
19 $disallowed_patterns = ['*.php']; // must be an array. Matching files not allowed
to be uploaded
20 $hidden_patterns = ['*.php','.*']; // Matching files hidden in directory index
21
22 $PASSWORD = 'pasporty'; // Set the password, to access the file manager...
(optional)
23
24 if($PASSWORD) {
25
26     session_start();
27     if(!$_SESSION['_sfm_allowed']) {
28         // sha1, and random bytes to thwart timing attacks. Not meant as secure hashing.
29         $t = bin2hex(openssl_random_pseudo_bytes(10));
30         if($_POST['p'] && sha1($t.$_POST['p']) === sha1($t.$PASSWORD)) {
31             $_SESSION['_sfm_allowed'] = true;
32             header('Location: ?');
33         }
34         echo '<html><body><form action=? method=post>HESLO:<input type=password name=p
autofocus/></form></body></html>';
35         exit;
36     }
37 }
38
39 // must be in UTF-8 or `basename` doesn't work
40 setlocale(LC_ALL,'en_US.UTF-8');
41
42 $tmp_dir = dirname($_SERVER['SCRIPT_FILENAME']);
43 if(DIRECTORY_SEPARATOR==='\\') $tmp_dir =
str_replace('/',DIRECTORY_SEPARATOR,$tmp_dir);
44 $tmp = get_absolute_path($tmp_dir . '/' . $_REQUEST['file']);
45
46 if($tmp === false)
47     err(404,'File or Directory Not Found');
48 if(substr($tmp, 0,strlen($tmp_dir)) !== $tmp_dir)
49     err(403,"Forbidden");
50 if(strpos($_REQUEST['file'], DIRECTORY_SEPARATOR) === 0)
51     err(403,"Forbidden");
52 if(preg_match('@^.+://@',$_REQUEST['file'])) {
53     err(403,"Forbidden");
54 }
```

```

55
56
57 if(!$_COOKIE['_sfm_xsrf'])
58     setcookie('_sfm_xsrf',bin2hex(openssl_random_pseudo_bytes(16)));
59 if($_POST) {
60     if($_COOKIE['_sfm_xsrf'] !== $_POST['xsrf'] || !$_POST['xsrf'])
61         err(403,"XSRF Failure");
62 }
63
64 $file = $_REQUEST['file'] ?: '.';
65
66 if($_GET['do'] == 'list') {
67     if (is_dir($file)) {
68         $directory = $file . "/data/";
69         $result = [];
70         $files = array_diff(scandir($directory), ['.','.']);
71         foreach ($files as $entry) if (!is_entry_ignored($entry, $allow_show_folders,
72             $hidden_patterns)) {
73             $i = $directory . '/' . $entry;
74             $stat = stat($i);
75             $result[] = [
76                 'mtime' => $stat['mtime'],
77                 'size' => $stat['size'],
78                 'name' => basename($i),
79                 'path' => preg_replace('@^./@', '', $i),
80                 'is_dir' => is_dir($i),
81                 'is_deleteable' => $allow_delete && ((!is_dir($i) && is_writable($directory))
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109

```

```
110 exit;
111 } elseif ($_POST['do'] == 'upload' && $allow_upload) {
112     foreach($disallowed_patterns as $pattern)
113         if(fnmatch($pattern, $_FILES['file_data']['name']))
114             err(403,"Files of this type are not allowed.");
115
116     $res = move_uploaded_file($_FILES['file_data']['tmp_name'],
117     $file.'.'.$_FILES['file_data']['name']);
118     exit;
119 } elseif ($_GET['do'] == 'download') {
120     foreach($disallowed_patterns as $pattern)
121         if(fnmatch($pattern, $file))
122             err(403,"Files of this type are not allowed.");
123
124     $filename = basename($file);
125     $finfo = finfo_open(FILEINFO_MIME_TYPE);
126     header('Content-Type: ' . finfo_file($finfo, $file));
127     header('Content-Length: ' . filesize($file));
128     header(sprintf('Content-Disposition: attachment; filename=%s',
129         strpos('MSIE',$_SERVER['HTTP_REFERER']) ? rawurlencode($filename) :
130         "\"$filename\"");
131     ob_flush();
132     readfile($file);
133     exit;
134 }
135
136 function is_entry_ignored($entry, $allow_show_folders, $hidden_patterns) {
137     if ($entry === basename(__FILE__)) {
138         return true;
139     }
140
141     if (is_dir($entry) && !$allow_show_folders) {
142         return true;
143     }
144     foreach($hidden_patterns as $pattern) {
145         if(fnmatch($pattern,$entry)) {
146             return true;
147         }
148     }
149
150     function rmrf($dir) {
151         if(is_dir($dir)) {
152             $files = array_diff(scandir($dir), ['.', '..']);
153             foreach ($files as $file)
154                 rmrf("$dir/$file");
155             rmdir($dir);
156         } else {
157             unlink($dir);
158         }
159     }
160     function is_recursively_deleteable($d) {
161         $stack = [$d];
162         while($dir = array_pop($stack)) {
163             if(!is_readable($dir) || !is_writable($dir))
164                 return false;
165             $files = array_diff(scandir($dir), ['.', '..']);
166             foreach($files as $file) if(is_dir($file)) {
167                 $stack[] = "$dir/$file";
168             }
169         }
170     }
171 }
```

```
168     }
169 }
170 return true;
171 }
172
173 // from: http://php.net/manual/en/function.realpath.php#84012
174 function get_absolute_path($path) {
175     $path = str_replace(['/', '\\'], DIRECTORY_SEPARATOR, $path);
176     $parts = explode(DIRECTORY_SEPARATOR, $path);
177     $absolutes = [];
178     foreach ($parts as $part) {
179         if ('.' == $part) continue;
180         if ('..' == $part) {
181             array_pop($absolutes);
182         } else {
183             $absolutes[] = $part;
184         }
185     }
186     return implode(DIRECTORY_SEPARATOR, $absolutes);
187 }
188
189 function err($code,$msg) {
190     http_response_code($code);
191     header("Content-Type: application/json");
192     echo json_encode(['error' => ['code'=>intval($code), 'msg' => $msg]]);
193     exit;
194 }
195
196 function asBytes($ini_v) {
197     $ini_v = trim($ini_v);
198     $s = ['g'=> 1<<30, 'm' => 1<<20, 'k' => 1<<10];
199     return intval($ini_v) * ($s[strtolower(substr($ini_v,-1))]??: 1);
200 }
201 $MAX_UPLOAD_SIZE = min(asBytes(ini_get('post_max_size')),
202 asBytes(ini_get('upload_max_filesize')));
203 ?>
204 <!DOCTYPE html>
205 <html><head>
206 <meta http-equiv="content-type" content="text/html; charset=utf-8">
207 <style>
208 body {font-family: "lucida grande", "Segoe UI", Arial, sans-serif; font-size: 14px; width: 1024px; padding: 1em; margin: 0; }
209 th {font-weight: normal; color: #1F75CC; background-color: #F0F9FF; padding: .5em 1em .5em .2em; text-align: left; cursor: pointer; user-select: none; }
210 th .indicator {margin-left: 6px; }
211 thead {border-top: 1px solid #82CFFA; border-bottom: 1px solid #96C4EA; border-left: 1px solid #E7F2FB; border-right: 1px solid #E7F2FB; }
212 #top {height: 52px; }
213 #mkdir {display: inline-block; float: right; padding-top: 16px; }
214 label { display: block; font-size: 11px; color: #555; }
215 #file_drop_target {width: 500px; padding: 12px 0; border: 4px dashed #ccc; font-size: 12px; color: #ccc; text-align: center; float: right; margin-right: 20px; }
216 #file_drop_target.drag_over {border: 4px dashed #96C4EA; color: #96C4EA; }
217 #upload_progress {padding: 4px 0; }
218 #upload_progress.error {color: #a00; }
219 #upload_progress > div { padding: 3px 0; }
```

```

223 .no_write #mkdir, .no_write #file_drop_target {display: none}
224 .progress_track {display:inline-block; width:200px; height:10px; border:1px solid #333; margin: 0 4px 0 10px;}
225 .progress {background-color: #82CFFA; height:10px; }
226 footer {font-size:11px; color:#bbbbcc; padding:4em 0 0; text-align: left;}
227 footer a, footer a:visited {color:#bbbbcc;}
228 #breadcrumb { padding-top:34px; font-size:15px; color:#aaa; display:inline-block; float:left; }
229 #folder_actions {width: 50%; float:right; }
230 a, a:visited { color:#00c; text-decoration: none}
231 a:hover {text-decoration: underline}
232 .sort_hide{ display:none; }
233 table {border-collapse: collapse; width:100%; }
234 thead {max-width: 1024px}
235 td { padding:.2em 1em .2em .2em; border-bottom:1px solid #def; height:30px; font-size:12px; white-space: nowrap; }
236 td.first {font-size:14px; white-space: normal; }
237 td.empty { color:#777; font-style: italic; text-align: center; padding:3em 0; }
238 .is_dir .size {color:transparent; font-size:0; }
239 .is_dir .size:before {content: "--"; font-size:14px; color:#333; }
240 .is_dir .download{ visibility: hidden}
241 a.delete {display:inline-block;
242   background:
url() no-repeat scroll 0 2px;
243   color:#d00; margin-left: 15px; font-size:11px; padding:0 0 0 13px;
244 }
245 .name {
246   background:
url( cwd2HGymAwEoMREtC1EJxYakmcowq/yX623veebZmWZcFKWZbXyTheOeeXfWDN69/uzPP8x1mVUmiaB1LKsxACAC6cc20Pd7zYK1EUYRgGZFkG3/fPAE5fIjcCAJi mCXEcGxKnAiICERkSiCQmeVoQhiHatoWUEkopJEkCAB/r+t01HyVN023c9z201qi6s2ZYA9jDIwx1HW9xZ4+Ihta69cK9vwLvsX6ivYf4FGIyJj/rg5uqwccd2Ar70UdOL/kPyKY5/mhZJ53/2asgiAIhLYMARd16EoCozj6EzwCYrrX5dC9FQIAAAAAE1FTkSuQmCC) no-repeat scroll 0px 12px;
247   padding:15px 0 10px 40px;
248 }
249 .is_dir .name {
250   background:
url( aBN4wBIwkZkFmxkWZDSFCwyommZSABgCmZBSsuiHahA8kA2iZYzSapAsmgHlgfdVyGLTFg3iZqQhAqZB923GGUgQhYRVE1mAUXIGGVgedQ9AJJnAkqyC1CEkkfdM1Pt13VHdxDpnof0jgxB+mYq05PaCSDRIAbgDgdpKjtmwm13irsqn4ATdKeYcNvUZAt0dg5NVwEQFKrJ1pn451wh/LpbWde la4K5QsXE N61tytWr8115YSY/n4wdQH84qjd2J6vEz+W0BOAGgL1E/AMAPQCv6e4gmwYC/QF3d/7zf8P/An4AWL/T1+B2nyIAAAAASUVORK5CYII=) no-repeat scroll 0px 10px;
251   padding:15px 0 10px 40px;
252 }
253 .download {

```

```

254 background:
url(
ST2sTQRiHn5mdmj92t9XmUJIWJGq9NHrRgxQiCtqb197FqxgaL34CP0FD8Qv07EHEU0Ew6EXEk6ci8Q9JtcXE
kHR3k+zujIdUqMkmiANzmJdnHn7vzCuIWbe291tSkvhz1pr+q1L2bBwrRgvFrcZKKinfP9zI2EoKmm7Azstf3
V7fXK2Wc3ujvIqzAhglwRJoS2ImQZMEBjgyoDS4hv8QGHA1WICvp9yelA7ITBTIkWhGBZ0Iv+MUF+c/cB8P
THt08snb+AGAACZDj8qIN6bSe/uWsBb2qV24/GBln8yl0p1Y9AJ9NKeL5ICyEIQkkiZenF5XwBDAAzWItLIIR
6LGfk26VVxzltJ2gFw2a0FmQLZ+bcbo/DPbcd+PrDyRb+GqRipbG1ZtX92UvzjmUpEGC0JgpC3M9dL+qGz16X
svcmCgCK2/vPtTNzJ1x2kkZIRBSivh8Z2Q4+VkvZy608HHvWyGyITvA1qndNpxfguQNkc2CIzM0xNk5QLedCE
Zm1VKsf2XrAXMNrA2vVcq4ZJ4DhvCSAeSALXASuLBTW129U6oPrT969AK4Bq0AeWARs4BRgieMUEkgDme09AN
ipzDnH//nFB0KgAxwAtaAFeID5DQnatLGdaXOWAAAAAE1FTkSuQmCC) no-repeat scroll 0px 5px;
255 padding:4px 0 4px 20px;
256 }
257 </style>
258 <script src="//ajax.googleapis.com/ajax/libs/jquery/1.8.2/jquery.min.js"></script>
259 <script>
260 (function($){
261     $.fn.tablesorter = function() {
262         var $table = this;
263         this.find('th').click(function() {
264             var idx = $(this).index();
265             var direction = $(this).hasClass('sort_asc');
266             $table.tablesortby(idx,direction);
267         });
268         return this;
269     };
270     $.fn.tablesortby = function(idx,direction) {
271         var $rows = this.find('tbody tr');
272         function elementToVal(a) {
273             var $a_elem = $(a).find('td:nth-child('+idx+')');
274             var a_val = $a_elem.attr('data-sort') || $a_elem.text();
275             return (a_val == parseInt(a_val)) ? parseInt(a_val) : a_val;
276         }
277         $rows.sort(function(a,b){
278             var a_val = elementToVal(a), b_val = elementToVal(b);
279             return (a_val > b_val) ? 1 : (a_val == b_val) ? 0 : -1) * (direction ? 1 : -1);
280         })
281         this.find('th').removeClass('sort_asc sort_desc');
282         $(this).find('thead th:nth-child('+idx+')').addClass(direction ? 'sort_desc' :
283         'sort_asc');
284         for(var i =0;i<$rows.length;i++)
285             this.append($rows[i]);
286         this.settablesortmarkers();
287         return this;
288     };
289     $.fn.retablesort = function() {
290         var $e = this.find('thead th.sort_asc, thead th.sort_desc');
291         if($e.length)
292             this.tablesortby($e.index(), $e.hasClass('sort_desc') );
293
294         return this;
295     };
296     $.fn.settablesortmarkers = function() {
297         this.find('thead th span.indicator').remove();
298         this.find('thead th.sort_asc').append('<span class="indicator">&darr;<span>');
299         this.find('thead th.sort_desc').append('<span class="indicator">&uarr;<span>');
300     }
301 })(jQuery);
302 $(function(){
303     var XSRF = (document.cookie.match('(^|;) _sfm_xsrf=([^;]*);')||0)[2];

```

```

304 var MAX_UPLOAD_SIZE = <?php echo $MAX_UPLOAD_SIZE ?>;
305 var $tbody = $('#list');
306 $(window).on('hashchange',list).trigger('hashchange');
307 $('#table').tablesorter();
308
309 $('#table').on('click','.delete',function(data) {
310   $.post("",{'do':'delete',file:$this.attr('data-
311   file'),xsrf:XSRF},function(response){
312     list();
313     },'json');
314     return false;
315   });
316
317 $('#mkdir').submit(function(e) {
318   var hashval = decodeURIComponent(window.location.hash.substr(1)),
319     $dir = $(this).find('[name=name]');
320   e.preventDefault();
321   $dir.val().length && $.post('?',
322   {'do':'mkdir',name:$dir.val(),xsrf:XSRF,file:hashval},function(data){
323     list();
324     },'json');
325     $dir.val('');
326     return false;
327   });
328 <?php if($allow_upload): ?>
329   // file upload stuff
330   $('#file_drop_target').on('dragover',function(){
331     $(this).addClass('drag_over');
332     return false;
333   }).on('dragend',function(){
334     $(this).removeClass('drag_over');
335     return false;
336   }).on('drop',function(e){
337     e.preventDefault();
338     var files = e.originalEvent.dataTransfer.files;
339     $.each(files,function(k,file) {
340       uploadFile(file);
341     });
342     $(this).removeClass('drag_over');
343   });
344   $('input[type=file]').change(function(e) {
345     e.preventDefault();
346     $.each(this.files,function(k,file) {
347       uploadFile(file);
348     });
349   });
350
351   function uploadFile(file) {
352     var folder = decodeURIComponent(window.location.hash.substr(1));
353     if(file.size > MAX_UPLOAD_SIZE) {
354       var $error_row = renderFileSizeErrorRow(file,folder);
355       $('#upload_progress').append($error_row);
356       window.setTimeout(function(){ $error_row.fadeOut(); },5000);
357       return false;
358     }
359
360     var $row = renderFileUploadRow(file,folder);
361     $('#upload_progress').append($row);

```

```

362 var fd = new FormData();
363 fd.append('file_data',file);
364 fd.append('file',folder);
365 fd.append('xsrf',XSRF);
366 fd.append('do','upload');
367 var xhr = new XMLHttpRequest();
368 xhr.open('POST', '?');
369 xhr.onload = function() {
370     $row.remove();
371     list();
372 };
373 xhr.upload.onprogress = function(e){
374     if(e.lengthComputable) {
375         $row.find('.progress').css('width',(e.loaded/e.total*100 | 0)+'%');
376     }
377 };
378 xhr.send(fd);
379 }
380 function renderFileUploadRow(file, folder) {
381     return $row = $('<div/>')
382         .append( $('<span class="fileuploadname" />').text( (folder ?
383 folder+':')+file.name))
384         .append( $('<div class="progress_track"><div class="progress"></div></div>') )
385         .append( $('<span class="size" />').text(formatFileSize(file.size)) )
386     };
387     function renderFileSizeErrorRow(file, folder) {
388         return $row = $('<div class="error" />')
389             .append( $('<span class="fileuploadname" />').text( 'Error: ' + (folder ?
390 folder+':')+file.name))
391             .append( $('<span/>').html(' file size - <b>' + formatFileSize(file.size) +
392 'AndWait for upload size of <b>' + formatFileSize(MAX_UPLOAD_SIZE) +
393 '</b>')
394             +' exceeds max upload size of <b>' + formatFileSize(MAX_UPLOAD_SIZE) +
395 '</b>') );
396     }
397     <?php endif; ?>
398     function list() {
399         var hashval = window.location.hash.substr(1);
400         $.get('?do=list&file=' + hashval, function(data) {
401             $tbody.empty();
402             $('#breadcrumb').empty().html(renderBreadcrumbs(hashval));
403             if(data.success) {
404                 $.each(data.results, function(k,v){
405                     $tbody.append(renderFileRow(v));
406                 });
407                 !data.results.length && $tbody.append('<tr><td class="empty" colspan=5>This
408 folder is empty</td></tr>');
409                 data.is_writable ? $('body').removeClass('no_write') :
410 $('body').addClass('no_write');
411             } else {
412                 console.warn(data.error.msg);
413             }
414             $('#table').retablesort();
415         },'json');
416     }
417     function renderFileRow(data) {
418         var $link = $('<a class="name" />')
419             .attr('href', data.is_dir ? '#' + encodeURIComponent(data.path) : './' +
420 data.path)
421             .text(data.name);
422         var allow_direct_link = <?php echo $allow_direct_link?'true':'false'; ?>;

```

```

415         if (!data.is_dir && !allow_direct_link) $link.css('pointer-
events','none');
416         var $dl_link = $('<a/>').attr('href','?do=download&file='+
encodeURIComponent(data.path))
417         .addClass('download').text('stáhnout');
418         var $delete_link = $('<a href="#" />').attr('data-
file',data.path).addClass('delete').text('smazat');
419         var perms = [];
420         if(data.is_readable) perms.push('read');
421         if(data.is_writable) perms.push('write');
422         if(data.is_executable) perms.push('exec');
423         var $html = $('<tr />')
424             .addClass(data.is_dir ? 'is_dir' : '')
425             .append( $('<td class="first" />').append($link) )
426             .append( $('<td/>').attr('data-sort',data.is_dir ? -1 : data.size)
427                 .html($('<span class="size" />').text(formatFileSize(data.size))) )
428             .append( $('<td/>').attr('data-
sort',data.mtime).text(formatTimestamp(data.mtime)) )
429             .append( $('<td/>').text(perms.join('+')) )
430             .append( $('<td/>').append($dl_link).append( data.is_deleteable ? $delete_link
: '') )
431         return $html;
432     }
433     function renderBreadcrumbs(path) {
434         var base = "",
435         $html = $('<div/>').append( $('<a href=\"javascript: history.go(-1)\">ZPĚT</a>
</div>') );
436         $.each(path.split('%2F'),function(k,v){
437             if(v) {
438                 var v_as_text = decodeURIComponent(v);
439                 $html.append( $('<span/>').text(' ▶ ') )
440                     .append( $('<a/>').attr('href','#'+base+v).text(v_as_text) );
441                 base += v + '%2F';
442             }
443         });
444         return $html;
445     }
446     function formatTimestamp(unix_timestamp) {
447         var m = ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun', 'Jul', 'Aug', 'Sep', 'Oct',
'Nov', 'Dec'];
448         var d = new Date(unix_timestamp*1000);
449         return [m[d.getMonth()],' ',d.getDate(),', ',d.getFullYear()," ",
(d.getHours() % 12 || 12),":", (d.getMinutes() < 10 ? '0' : '')+d.getMinutes(),
" ",d.getHours() >= 12 ? 'PM' : 'AM'].join('');
450     }
451     function formatFileSize(bytes) {
452         var s = ['bytes', 'KB','MB','GB','TB','PB','EB'];
453         for(var pos = 0;bytes >= 1000; pos++,bytes /= 1024);
454         var d = Math.round(bytes*10);
455         return pos ? [parseInt(d/10),".",d%10," ",s[pos]].join('') : bytes + ' bytes';
456     }
457 }
458 })
459 }
460
461 </script>
462 </head><body>
463 <div id="top">
464     <?php if($allow_create_folder): ?>
465     <form action="/" method="post" id="mkdir" />
466         <label for=dirname>Create New Folder</label><input id=dirname type=text name=name
value="" />

```

```
467     <input type="submit" value="create" />
468 </form>
469
470     <?php endif; ?>
471
472     <?php if($allow_upload): ?>
473
474     <div id="file_drop_target">
475         Drag Files Here To Upload
476         <b>or</b>
477         <input type="file" multiple />
478     </div>
479     <?php endif; ?>
480     <div id="breadcrumb">&ampnbsp</div>
481 </div>
482
483 <div id="upload_progress"></div>
484 <table id="table"><thead><tr>
485     <th>Název</th>
486     <th>Velikost</th>
487     <th>Datum změny</th>
488     <th>Oprávnění</th>
489     <th>Akce</th>
490 </tr></thead><tbody id="list">
491
492 </tbody></table>
493 <footer>simple php filemanager by <a
494 href="https://github.com/jcampbell1">jcampbell1</a>; upravil Jan ROLLER</footer>
495 </body></html>
```

```
1 Options -Indexes
2
3 # BEGIN Expire headers
4 <ifModule mod_expires.c>
5 Header unset ETag
6 Header set Cache-Control "max-age=0, no-cache, no-store, must-revalidate"
7 Header set Pragma "no-cache"
8 Header set Expires "Sat, 1 Jan 2000 01:00:00 GMT"
9 </ifModule>
10 # END Expire headers
11
12 # <Files upload.php>
13 # AuthType Basic
14 # AuthName "Authentication Required"
15 # AuthUserFile .htpasswd
16 # Require valid-user
17 # </Files>
```

1   admin:\$2y\$10\$9Powpa.4dC3LWbNBT9/QjuzKVIKUDZFKVvqGPluS1li4c9wGUkihS
---