

# Installation Instructions

## 1. Configuring the Web Application

1. The first step is to set up the web application. Open the survey-webApp folder and navigate to the application/config folder. Open the config.php file. On line 17 enter the domain where you will be hosting the web application, e.g. "localhost".

```
4
5 Base Site URL
6
7
8 URL to your CodeIgniter root. Typically this will be your base URL,
9 WITH a trailing slash:
10
11 http://example.com/
12
13 If this is not set then CodeIgniter will guess the protocol, domain and
14 path to your installation.
15
16 */
17 $config['base_url'] = 'YOUR DOMAIN HERE/survey-webApp';
18
```

2. Now still in the application/config folder open the database.php file. Enter your database details here.

```
47 $active_group = 'default';
48 $active_record = TRUE;
49
50
51 $db['default']['hostname'] = 'YOUR DATABASE HOST HERE';
52 $db['default']['username'] = 'YOUR DATABASE USER NAME HERE';
53 $db['default']['password'] = 'YOUR DATABASE PASSWORD HERE';
54 $db['default']['database'] = 'YOUR DATABASE NAME HERE';
55 $db['default']['dbdriver'] = 'mysql';
56 $db['default']['dbprefix'] = '';
57 $db['default']['pconnect'] = TRUE;
58 $db['default']['db_debug'] = TRUE;
59 $db['default']['cache_on'] = FALSE;
60 $db['default']['cachedir'] = '';
61 $db['default']['char_set'] = 'utf8';
62 $db['default']['dbcollat'] = 'utf8_general_ci';
63 $db['default']['swap_pre'] = '';
64 $db['default']['autoinit'] = TRUE;
65 $db['default']['stricton'] = FALSE;
66
```

3. Now that the web application is configured the database on your domain needs to be set up. Navigate to survey-webApp/sql/ ALL\_SQL.sql. Open the ALL\_SQL.sql file and select and then copy all of its contents. Open your domain's phpmyadmin and create a database or use the one that you have specified in the database.php, open the SQL tab and paste the SQL from the ALL\_SQL.sql file and hit go. Now that the web application it's database are configured the android application needs to be configured.

## 2. Configuring the Android Application

1. Go to SurveyTabletApp/src/com/example/surveyTabletApp/viewAssignment.java. Open viewAssignment.java and enter your domain in the specified place on line 79.

```
74         (TextView)this.findViewById(R.id.questCount);
75         this.notes = (TextView)this.findViewById(R.id.notes);
76         this.takeSurveyButton = (Button)this.findViewById(R.id.takeSurveyButton);
77         // AsyncTask, pass current survey and get its questions from the server
78         GetQuestionsTask task = new GetQuestionsTask();
79         task.execute("http://YOUR DOMAIN HERE/survey-webApp/index.php/webUser_controllers/android_controller/load_questions_xml/" + currentSurvey_id);
```

2. Go to SurveyTabletApp/src/com/example/surveyTabletApp/TakeSurvey.java. Open TakeSurvey.java and enter your domain in the specified place on line 408.

```
74         (TextView)this.findViewById(R.id.questCount);
75         this.notes = (TextView)this.findViewById(R.id.notes);
76         this.takeSurveyButton = (Button)this.findViewById(R.id.takeSurveyButton);
77         // AsyncTask, pass current survey and get its questions from the server
78         GetQuestionsTask task = new GetQuestionsTask();
79         task.execute("http://YOUR DOMAIN HERE/survey-webApp/index.php/webUser_controllers/android_controller/load_questions_xml/" + currentSurvey_id);
```

3.

Go to SurveyTabletApp/src/com/example/surveyTabletApp/LoginAndroidActivity.java. Open LoginAndroidActivity.java and enter your domain in the specified place on line 148.

```
144
145         HttpPost httpPost;
146         // The list stores the POST data
147         List<NameValuePair> nvps = new ArrayList<NameValuePair>();
148         httpPost = new HttpPost("http://YOUR DOMAIN HERE/survey-webApp/index.php/webUser_controllers/android_controller/load_assignment_xml");
149         // Add values to list
150         nvps.add(new BasicNameValuePair("username", myUser.username));
151         nvps.add(new BasicNameValuePair("password", myUser.password));
```

The Android application is now configured to communicate with the web application. To run the application it must be imported into Eclipse as an existing Android project. Eclipse must have the Android SDK Level 11 installed. The Android application was developed to run on Android version 3.0. Once the SurveyTabletApp project has been imported into Eclipse and when the project has been run, navigate to SurveyTabletApp/bin/SurveyTabletApp.apk.

Install this APK file on a tablet running Android 3.0. See the tutorial bundled with this download for instructions on how to use this survey system that you have just configured.

Any issues please drop me an email:

r.reilly72@gmail.com