

TransApp server installation guide

1. Create an account at <https://www.firebase.com/>.
2. Once registered, create a 'New App' within Firebase.
3. Inside your application, change the URL reference to your Firebase database. The URL must should look like <NAME_OF_YOUR_FIREBASE_APP>.firebaseio.com.
4. Create new 'tables' inside your database. 'Journey' and 'City' must be included. You should follow this format:

```
{
  "City" : {
    "ber" : {
      "id" : "002",
      "name" : "Berlin"
    },
    "kra" : {
      "id" : "003",
      "name" : "Krakow"
    },
    "pra" : {
      "id" : "001",
      "name" : "Prague"
    }
  },
  "Journey" : {
    "-K6jDgZEpok4f8EOmRTf" : {
      "date" : "01.01.2016",
      "id" : "001-002",
      "price" : 24,
      "time" : "08:30"
    },
    "-K6jDgZQ6ZG69DRS7tWL" : {
      "date" : "01.01.2016",
      "id" : "001-002",
      "price" : 30,
      "time" : "17:55"
    }
  },
  "Purchase" : {
    "-K6jHczWBirFnpddA_" : {
      "journeyDate" : "14.01.2016",
      "journeyID" : "003-004",
      "journeyPrice" : 33,
      "journeyTime" : "08:30",
      "userID" : "d08f5a17-ed05-4cf6-950f-ee09351d070a"
    },
    "-K6jHg-pTV-8rHkXigug" : {
      "journeyDate" : "28.01.2016",
      "journeyID" : "003-004",
      "journeyPrice" : 34,
      "journeyTime" : "08:30",
      "userID" : "d08f5a17-ed05-4cf6-950f-ee09351d070a"
    },
    "-K6jcII87Gp9p4smjpDS" : {
      "journeyDate" : "20.01.2016",
      "journeyID" : "003-001",
      "journeyPrice" : 32,
      "journeyTime" : "08:30",
      "userID" : "1cabaccf-984b-4f75-9ee1-166eb2ae1df1"
    }
  }
}
```

For a better understanding take a look at <https://strans.firebaseio.com/>. You can also take 'strans-export.json' as an example. You will find this file under './STrans/Third iteration/'. The .apk file of the application itself is contained in this folder as well.