

Server Side:

Prerequisites:

- Nodejs
- Loopback v3

Data Source

- MongoDB

Notes:

- REST API built using Loopback v3.
- Nodejs is used for the implementation of the REST Server.
- REST server is connected to MongoDB database. A developer can connect any other database (MySQL, PostgreSQL, etc.) to REST server.
- Running autoupdate.js script refreshes the data inside the used datasource. But the data inside the datasource will be preserved. (MongoDB source in my case)
- Running automigrate.js script will cause the tables in the database to be removed and created again. However, all the data inside the tables will be lost.

Warnings:

- Email addresses must be unique in order to sign up, otherwise REST Server receives error code 422.

Client Side:

Android Studio:

- Volley Library used to establish a link between Android Client and REST Server.
- Dexter library and Google Maps API are used for establishing the location services in the Android client.
- Volley Library is implemented inside build.gradle(app) file for the exchange the JSON Data between REST and client(Android).

