

Back End Technology Stack

Ubuntu 18.4 - Linux Sever Host

Apache Tomcat - Java SE 11 Application

RESTful Web Service

Apache Derby - Database

Hibernate - Object
Relational Mapping

Spring Boot - Data

Spring: Model-View-Controller - Service Controllers

Jackson: JavaScript Object Notation - View Building

Google OAuth - Authentication

Front End Technology Stack

Linux Kernel

Android SDK 28 - Java SE 1.8

SQLite - Data Model

SQLite - Database

Room - Object Relational
Mapping

SQLite and Room: Model-View-ViewModel-Controller - Service Classes

Google OAuth - Authentication