**Implementation of Software and Technologies** (*CROWDEE: An Online Android-Based Establishment Crowd Tracking Application with Geo-Fencing and Go-to Planner*)

Android Studio

Android Studio is the official IDE for Android. It is designed specifically for Android to help you accelerate development and create high-quality apps for every Android device.

Android Studio uses a Gradle-based build system, emulator, code templates, and Github integration to support application development within the Android operating system. Every Android Studio project includes one or more modalities with source code and resource files. Android app modules, Library modules, and Google App Engine modules are examples of these modalities.

SQLite

SQLite is a server-side library that implements a self-contained, server-less transactional SQL database engine with zero configuration. The code for SQLite is open source, which means it can be used for any purpose, commercial or personal. SQLite is a relational database management system, or RDBMS, that is free and open-source software. Relational database systems store user-defined records in big tables. In addition to data storage and maintenance, a database engine may perform complicated query orders that integrate data from various tables to generate reports and data summaries. This RDBMS is a Persistent Database.