

Technical Requirements

Humane Transport

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Technical Requirements

Technical Requirements are the requirements that developers would like to like during development of an application.

Cross-Platform Language (Mobile Development)

Kotlin Multiplatform Mobile(KMM)

With KMM, developers can build multiplatform mobile applications sharing code, such as business logic, connectivity, and more, between Android and iOS.

(<https://kotlinlang.org/lp/mobile/>)

Database Server

SQLite - Embedded database, common usage is to provide local data storage capabilities on mobile phones

or

MongoDB - A schema-less, JSON document database which is known for its flexibility and scalability

or

MariaDB - A popular open source relational database

Other Tools/Technologies

Automated Build Tool - Jenkins or Travis CI

Automated Testing Tool - Kobiton or Cucumber (Unit Testing Tool) or Kotest or Selenium (Functional Testing Tool)

Code Formatter - Ktlint or Prettier

Revision Control - Git/GitHub

API Testing Tool - Postman