

Team Snappy

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Choice of Implementation Technologies

IDE and Development Tools: Android Software Development Kit and Android Studio

Programming Language: Kotlin and Python

Server and Database: Flask and MySQL

Payment Processing: Google Play Billing

Map and Location Services: N/A

User Interface: Android Jetpack

Libraries: For our libraries we will be using Flask-SQLAlchemy, dateTime and bcrypt. Flask_SQLAlchemy, is an extension of Flask that assists in managing and creating databases. The datetime library helps with manipulating dates and times to store the workout data inside our database. Lastly bcrypt is used to secure our software through hashing passwords.

Database: We will be using mySQL for our database. It will allow us to secure access to our database as well as manage the data. Our team has the most experience with mySQL.