Technologies to be Used

Development language: Java 1.6
Database Management System: SQL Server
Database host: Windows Azure
Mobile SDK: Android SDK API Level 4
IDE: Eclipse IDE for Java Developers 3.7 (Indigo)

External Libraries
- **Apache Commons**
  - **Codec 1.8** – Various converters and interpreters for binary data
    - Needed in order to display byte arrays from the transmissions as hexadecimal strings.
  - **Configuration 1.9** – Simple library for parsing a variety of configuration files
    - Needed in order to quickly implement user configuration files for the front-end interface.
- **JGoodies FormLayout 1.3** – Library for building enhanced form layouts
  - Adds needed features to the front-end interface.
- **JGoodies Animation 1.4.3** – Dependency
- **JGoodies Common 1.6.0** – Dependency
- **JGoodies Looks 2.5.3** – Dependency
- **JGoodies Validation 2.5.0** – Dependency
- **MiG Layout 3.7.4** – Graphical Interface Layout designer
  - Needed to quickly iterate through different interface designs.
- **sqljdbc 3.0** – Library needed to communicate between Java applications and SQL Server