Development Roadmap: Customer App

Development specifications:

* Target: Android API 15 or later
* Language level: 7.0 (Java 1.7)
* IDE: **NOT** Android Eclipse, as it is limited to Java 1.6 compiling for Android. Either IntelliJ IDEA or Android Studio (IntelliJ based) should be used, with project language level set to 7.0.
* UI: Sketch3 or similar

Roadmap Overview:

1. Logical Design

2. Construction

3. Testing

4. UI Design

5. Template packaging

# 1. Logical Design

## 1.1 Specific requirements

# 2. Construction

## 2.1 Proof of Concept

* Very basic UI
* Basic functionality, except for payment

## 2.2 Prototype rev.1

* Fully functional, with payment
* Basic cloud linking

# 3. Testing

1. Create automated bots to simulate an actual store operating environment
2. Target read/update/write/destroy permissions for subsets outside user scope (ie. customer trying to update store inventory)

# 4. UI Design

1. SSL layer for packet encryption. HTTPS settings must be configured on server policies and Apache 2 allowed ports.
2. Hash values stored in database instead of actual strings for sensitive customer information.

# 5. Template packaging

Package it all in a template to be custom generated for different clients using a simple script.