CHAI Project: Progress Report (Jan12 - Jan 26)

# Server

## Complete

* Set up EC2 instance and Elastic IP
* Registered free domain (chaiapp.tk)
* Security policies for development (SSH, HTTP, HTTPS, Websockets)
* Setup Django environment for webapp
* Setup websocket server using Twistd
* Tested current webapp to be fully working

## To do

* Getting an SSL certificate for HTTPS, migrating HTTP requests and AJAX calls to HTTPS

# Cloud

## Complete

* Logo design
* URL routing
* Models complete and fully integrated
* Store controller and views
* Storefront tempalte (HTML/CSS/jQuery) complete
* Websocket server for real-time operation (using Twistd, pyopenssl as server on websocket port 1025 to handle AJAX calls from frontend).
* Customer order controller functional, payment and authorization incomplete
* Automation scripts that generate customer orders to simulate a store environment.
* Preview: <http://chaiapp.tk/store-api>

## To do

* Paypal API integration
* Customer auth handling
* Franchise manager views

# App

## Complete

* QR scanning functionality
* Tested working on API levels 15 to 19

## To do

* All other pages besides QR
* AJAX handling for real-time order status
* Paypal API integration