Coffee Cart Project Assumptions

The following assumptions are applicable to ALL of the requirements in the Coffee Cart applications:

(1) The VIP card number shall be assigned by the Google App Engine database.

(2) The first VIP card number issued shall start at 1 and increment thereafter.

(3) The requirement that each person have only one VIP card is not absolute; it is okay if a customer determined to circumvent this requirement is able to do so.

(4) It would be extremely unlikely for two different people to have the exact same name, date of birth, and phone number.

(5) It would be very rare for a person to apply for another card after changing their name or using a different spelling for their name.

(6) When a customer is removed from the system, the purchases and pre-orders associated with that person stay in the system. For pre-orders, this is logical, because pre-orders are not deleted in this system and can still be fulfilled. A customer only has to be a VIP when the pre-order is made, not when it is fulfilled.

(7) It must not be possible to edit the data of a customer so that it matches that of another customer.

(8) New desserts or coffee types shall be entered on the back-end using the Google App Engine database rather than from the Android App. They shall also be removed in this manner as well.

(9) In the future, entirely new categories of products may be offered, and the owner understands that a new version of the App would need to be released in that case.

(10) The number of VIP points awarded per dollar may not be changed using the Google App Engine database.

(11) The App only supports United States currency.

(12) A month always means 30 days.

(13) Which desserts are bestsellers must be controlled by updating the Google App Engine database and not the Android App.

(14) The owners may not change the number of pre-order slots for bestsellers and other desserts without re-releasing the App.

(15) If the owners wants to create a status other than GOLD, they will have to release a new version of the App.

(16) The number of points that must be earned in 30 days to reach temporary GOLD status or the number of points in total to earn permanent GOLD status may be not modified without re-releasing the App.

(17) The only rewards for GOLD status shall always be a discount on the price of a refill of a cup of coffee.

(18) The discount on refills for GOLD status and for ordinary VIP status may not be adjusted without re-releasing the App.

(19) The report that includes purchases and pre-orders for the current day includes pre-orders that are REQUESTED that day, but not pre-orders that must be fulfilled that day.

(20) While the system ensures that pre-orders are not recorded if there are no available slots (21) The system is not responsible for actually fulfilling pre-orders, it only keeps track of the number of slots left. In case of a cancelled pre-order through the third-party system or vendor, the number of available slots does not increase. Pre-orders are fulfilled by another system or a third-party vendor.

(22) No VIPs will have birthdates before the year 1900.

(23) The VIP system does not keep track of inventory.