Example

Contract C1.01: addLineItem

Operation: addLineItem (id: ItemID, quantity: integer)

Cross References: Use Case: Process Sale.

Preconditions: There is a sale underway.

Postconditions: Next Slide

Contract C2.01: viewSettings

Operation: viewSettings()

Cross References: Use Case: Save Preferences

Preconditions: User is logged in.

Postconditions: Settings page was displayed.

Contract C2.02: viewEditPreferences

Operation: viewEditPreferences()

Cross References: Use Case: Save Preferences

Preconditions: User is on the settings page.

Postconditions: -A Preference instance p was created.

-p was associated with the current user preferences.

-Current user preferences was displayed.

Contract C2.03: setPrefs

Operation: setPrefs(Preference: timeSlots)

Cross References: Use Case: Save Preferences

Preconditions: User has selected to edit preferences.

Postconditions: - A Preference instance timeSlots was created

-timeSlots modified information to new user preferences

-New preferences were displayed.

Contract C2.04: savePrefs

Operation: savePrefs()

Cross References: Use Case: Save Preferences

Preconditions: User is on edit preferences.

Postconditions: Modified user preferences have been saved