Scenario Template – Purchase a Meal by Meal Plan

**Use Case:** Purchase a Meal by Meal Plan. This allows a customer to buy a meal at any location using their meal plan.

**Iteration:** 1.0

**Primary Actor:** Customer

**Goal in Context:** Customer is buying a meal using the meals available on their meal plan

**Pre-Conditions:**
1. Customer has valid id card
2. Customer has a meal plan
3. Customer has meals available
4. Customer has not yet used the current meal

**Trigger:** Customer presents id to cashier for payment

**Scenario:**
1. Cashier swipes card
2. Card Services is pinged to be sure Card is valid
3. If valid customer is looked up to see if meal plan exists
4. If valid meal plan it is checked to be sure this particular meal has not been used and that there are meals available
5. If valid, meal is deducted and meal plan data is stored.

**Exceptions:**
1. Card not valid – customer card is taken by cashier
2. Customer does not have card with him/her – alternative method of entering id number
3. No Meal Plan – customer is asked to pay with another form of payment
4. No meals left on meal plan – customer is asked to pay with another form of payment
5. Meal already used – customer is asked to pay with another form of payment

**Priority:** Essential

**When Available:** First increment

**Frequency of Use:** Continuously/ 24/7 when dining facilities are open

**Channel to Actor:** card reader

**Secondary actor:** Card services

**Channels to Secondary Actors:** API supplied by Card Services
Open Issues: none

Acceptance Tests:
1. Customer has valid card, meal available in meal plan
   a. Expected results – payment and meal
2. Customer has valid card, no meals left in meal plan
   a. Expected results – another form of payment
3. Customer has valid card, meals left in meal plan but has used this particular meal
   a. Expected results – another form of payment
4. Customer has invalid card
   a. Expected result – card is confiscated
5. Customer does not have card with him/her
   a. Expected results – id number is manually entered
   b. If manually entered id num is valid there must be meals and the applicable meal must be available
6. Repeat tests 2-3 for manually entered id num
   a. Expected results—another form of payment