#### Waiting queue handling.

(By team member: shadi ghabin)

Context : Samer finished shopping and wants to check out.

**Normal**

•Samer is a normal person .

When Samer wants to check out, he is asked if he wants to go to a regular checkout or to a fast checkout,

in case he is buying less than 10 products. Samer selects the proper one regarding the content of his cart.

If he selects the fast checkout, he will go through the waiting queue faster than if he selects the regular

one.

The screen displays the number of customers that will pay before him. This number will decrease Every time a customer is going to a checkout. This number can also be incremented if there is a handicapped person or a pregnant woman coming to pay as they are priority people.

When it is Samer turn, his device displays the number (identifier) of the checkout he needs to go

to pay. Finally the system displays a Goodbye message and Samer can close the application.

**Alternative**

•Samer is a handicapped person.

As an handicapped person, Samer is a priority person. As soon as a checkout is available, he is invited to pay. The same process is applied to pregnant women or families with kids. This parameter is set in the options of the mobile application.

**Exception**

When samer reach the casher ,the casher check the products .if there is something corrupted or expired , he asked one of the employee to replace it with a good one and Samer wait until the employee return back. and the casher check the next shopper products .when the employee return back Samer is a priority person .

#### Use Case Specification - Waiting queue handling

#### Use Case Name: Waiting queue handling

(By team member: shadi ghabin)

Actors:

* Shopper , seller ”casher”,employee

Description: This use case depicts a person using Fast-Mall shopping application to check out after he shopping.

Preconditions:

* Buy the desired products.
* Selects the proper one regarding the content of his cart.
* Select the checkout faster or normal .

Post-conditions:

* Shopper checked out successfully .

Main Flow:

1. Shopper asks to checkout.
2. Shopper choose type of checkout(fast or normal).
3. System checks on the status of the shopper.
4. Shopper get a waiting number corresponding to the number of people who will check-out before him.
5. Shopper’s waiting number decrease when another customer is going to pay.
6. Shopper can go to checkout when his waiting number become zero .
7. Casher checks the products .
8. Shopper checked out successfully.

Alternative Flow:

1. Shopper asks to checkout.
2. Shopper choose type of checkout(fast or normal).
3. System checks on the status of the shopper.
4. System determine if shopper is a handicapped person a pregnant woman, shopper is a priority person.
5. Shopper will be the next one to check-out.
6. Shopper turn to checkout .
7. Casher checks the products .
8. Shopper checked out successfully.

Exceptions:

1. Casher checks the products .
2. There is a corrupted or expired product.
3. Casher replace the product.
4. Shopper checked out successfully .