*CometBites*

**Use Case 1 – Place Order**

**SE 6387 Advanced Software Engineering Project**

**R.Z. Wenkstern**

***10/15/2016***

|  |
| --- |
| **Group *CometBites*** |
| **Ronaldo Goncalves Junior** **rxp152830** |
| **Twinkle Sharma** **txs151730** |
| **Keerthi Santhalingam** **kxs142830** |
| **Ramakrishnan Sathyavageeswaran** **rxs142530** |

|  |
| --- |
| **Use Case:** Place Order |
| **ID:** UC1 |
| **Brief description:**  Customer places an order from the available items provided by the food joints. |
| **Primary actor:**  Customer |
| **Secondary actor:**  Payment Authorization System |
| **Pre-condition:**  The app user must be authenticated. |
| **Main Flow:**   1. Customer accesses the system and selects the option to place order. 2. Include: *Browse Food Joints.* 3. System provides the predefined food menu for the selected food joint. 4. Customer chooses a food item. 5. Customer informs the quantity for that item. 6. System updates the order with respect to the item and quantity. 7. System presents the total amount with taxes.   *Repeat steps 4-7 until customer indicates done.*  extension point: orderDissatisfaction, Extension: Cancel Order.   1. Include: *Make Payment.* 2. Payment Authorization System authorizes the payment. 3. System produces the receipt for the order. 4. System generates an e-ticket with the estimated wait time. |
| **Post-conditions:**  The system logs the transaction and the order information. The respective food joint starts preparing the placed order. System sends a push notification on the order status. |
| **Alternative Flows:**   1. Food item not available.    1. System displays a message that the selected item is not available at the moment.    2. Use case resumes at step 4. 2. Quantity exceeds maximum.    1. System displays a message that the informed quantity exceeds the maximum allowed for that item.    2. Use case resumes at step 5. |