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| *CometBites* |
| **Operation Contracts** |
| **SE 6387 Advanced Software Engineering Project**  **R.Z. Wenkstern**    ***11/9/2016*** |

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| **OC1 - StartOrder** | |
| **Operation:** | startOrder() |
| **Cross References:** | UC1: Place Order |
| **Preconditions:** | Customer object is instantiated |
| **Postconditions:** | * Order *order* was created * FoodJoint *foodJoint* was created * Menu *menu* was created * *menu* was associated with *foodJoint* * *foodJoint* was associated with *order* * *order* was associated with the current Customer |

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| **OC2 - SelectItem** | |
| **Operation:** | selectItem(itemID: Integer) |
| **Cross References:** | UC1: Place Order |
| **Preconditions:** | An order is being placed. |
| **Postconditions:** | * Item *item* was created * *item.id* became itemID * *item* was associated with the current order |

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| **OC3 - InformQuantity** | |
| **Operation:** | informQuantity(qty: Integer) |
| **Cross References:** | UC1: Place Order |
| **Preconditions:** | There is an item associated with the order underway. |
| **Postconditions:** | * Current item quantity became qty * *order.total* was updated |

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| **OC4 - MakePayment** | |
| **Operation:** | makePayment(cardNumber: Integer) |
| **Cross References:** | UC1: Place Order |
| **Preconditions:** | Current order is associated with at least one item *item,* where *item.quantity* is greater or equal to one. |
| **Postconditions:** | * Payment *pmt* was created * *pmt.cardNo* became cardNumber * *pmt*.*amount* became *order*.*total* * *pmt* was associated with the current order *order* * *pmt.authorized* was updated * Ticket *ticket* was created * *ticket* was associated with *order* * *order.status* became *In Preparation* * *order.waitTime* was updated |