**Use case: OrderPlacement**

**Contract 01:** View Inventory item.

**Operation:** View inventory level (Insufficient items).

**Cross reference:** Use case: OrderPlacement.

**Pre-condition:** There are items to show.

**Post-condition:** - the user ask for the supplier to place order.

-the system suggests the best supplier for the order of item required.

-the order has been placed by the user.

**Contract 02:** View Supplier.

**Operation:** View Supplier (Required items).

**Cross reference:** Use case: OrderPlacement.

**Pre-condition:** There are Suppliers for the order to place.

**Post-condition:** - the system generate the order details.

-the user place order for the items to supplier.

-the system update the status of that item.

**Contract 03:** Place Order.

**Operation:** Place Order.

**Cross reference:** Use case: OrderPlacement.

**Pre-condition:** The order has to be placed.

**Post-condition:** - the system verifies the order.

-the user make payment to complete the order.

-the system updates the status.

**Use case: OnlinePayment**

**Contract 01:** Payment Options.

**Operation:** View Payment Options.

**Cross reference:** Use case: OnlinePayment.

**Pre-condition:** There are different payment options.

**Post-condition:** - the system shows the options available.

-the user chooses from the given options.

-the system verifies the account selected for payment.

**Contract 02:** Make Transaction.

**Operation:** Make a transaction from given options.

**Cross reference:** Use case: OnlinePayment.

**Pre-condition:** The user has to choose a payment option to complete payment.

**Post-condition:** - the system verifies the details given by user.

-the user after the verification confirms the details.

-the transaction is done by the user.

**Contract 03:** Approve Transaction.

**Operation:** Approve transaction.

**Cross reference:** Use case: OnlinePayment.

**Pre-condition:** The user has to approve the payment through the security pin/passcode.

**Post-condition:** - the user gave approval to system to continue transaction.

-the system shows the receipt in the form of screenshot.