# Casual Use Case Specification: UC05 MaintainListSupplier

**Brief Description: This use case enables the OperationManager to maintain supplier records.**

# Section 1: Business Rule(s):

BR\_15: The supplier record must be saved in the database.

BR\_16: Every supplier must have unique ID.

# Section 2: Scenarios (HD):

**Scenario 1: Update supplier record without error**

# Preconditions: Manager must logged in the system the supplier manage menu is displayed.

| **Step#** | **Actor ( Operation Manager )** | **System** | **Data Used** |
| --- | --- | --- | --- |
| 1 | Choose update a supplier option | Display a list of suppliers including supplier ID, name and contact number. | A list of Supplier ID  Supplier name  Supplier Contact |
| 2 |  | Prompting the manager to select the supplier record by an supplier ID | Supplier ID |
| 3 | Select an Supplier ID | Validate Data:  ID must not null  Supplier record which is corresponding to ID entered must exists in the database.  If the ID is valid, displays the supplier detail information and update form. | Supplier ID  Supplier record:   1. Name 2. Address 3. Contact 4. E-mail |
| 4  (Loop) | Enter the updated supplier information | Validation Data:  Supplier name must not be blank.  At least one contact number must be entered as following format.  Supplier address must not be blank.  Supplier e-mail must not be null and must be enetered as following format. | Supplier Information |
| 5 |  | Update supplier record to the database.  Displays the main menu and show supplier detail menu. |  |
| 6 | Select main menu | Move to the supplier management menu. |  |

**Successful Post-Conditions: The supplier record is successfully updated from the database.**

**Scenario 2: Add supplier record without error**

# Preconditions: Manager must logged in the system the supplier management menu is displayed.

| **Step#** | **Actor ( Operation Manager )** | **System** | **Data Used** |
| --- | --- | --- | --- |
| 1 | Choose add a supplier option | Display a list of supplier including supplier ID, name and contact number. | Supplier ID  Supplier Name  Supplier Number |
| 2 | Select add supplier menu | Display the supplier register form including supplier name, contact number, address and e-mail |  |
| 3  (Loop) | Enter the supplier information | Validation Data:  Supplier name must not be blank.  At least, one supplier contact number must be entered as following format.  Supplier address must not be blank.  Work date must not be null.  Supplier email must not be null and must be null must be entered as following format | Supplier information |
| 4 | All data is valid (END) | Generate supplier identification ID.  Insert supplier record to the database.  Displays main menu and show supplier detail menu. | Generate ID |
| 5 | Select main menu | Return to the supplier manage menu |  |

**Successful Post-Conditions: Supplier record is successfully added to the database.**

**Section 3: Classes:**

|  |  |
| --- | --- |
| **Staff** | StaffID, StaffName, StaffAddress, StaffContact, StaffEmail |