# Casual Use Case Specification: UC06 MaintainStaffSchedule

**Brief Description: This use case enables the OperationManager to maintain staff schedule**

# Section 1: Business Rule(s):

BR\_17: The Schedule record must be saved in the database.

BR\_18: Every staff must have unique ID.

BR\_19: There cannot be a duplicate of schedule date in system.

BR\_20: Schedule can only be made if there is space available.

# Section 2: Scenarios (HD):

**Scenario 1: Add schedule record without error**

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

| **Step#** | **Actor ( OperationManager )** | **System** | **Data Used** |
| --- | --- | --- | --- |
| 1 | Choose add a Schedule option | Display a list of staff including ScheduleID, StaffID, name, contact number and, e-mail. |  |
| 2 | Submit data  Wait for system response | Search database for matching information  Display the schedule add form including Staff name, contact number, address and date of work.  Probide options to search again, add new schedule, view existing schedule or exit | StaffID  StaffName  StaffContact  StaffHireDate  StaffEmail |
| 3 | Request to add new schedule | Display schedule entry form  Wait for user input |  |
| 4  (Loop) | Enter the schedule information | Validation Data:  Staff name must not be blank.  At least, one staff contact number must be entered as following format.  Schedule must not be blank.  Staff email must not be null and must be null must be entered as following format  Validate schedule does not conflict with other schedule and available space to add schedule | ScheduleID  ScheduleDate |
| 5 | All data is valid (END) | Generate staff identification ID.  Insert staff record to the database.  Displays main menu and show staff detail menu. | Generate ID |
| 6 | Select main menu | Return to the staff manage menu |  |

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

**Scenario 2: Update existing staff schedule without error**

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

| **Step#** | **Actor ( Operation Manager )** | **System** | **Data Used** |
| --- | --- | --- | --- |
| 1 | Check system for schedule existence, search via ScheduleID, staff information | Display search fields.  Wair for user input |  |
| 2 | Submit data  Wait for system response | Search database for matching information  Display result from search  Provide options to search again, add new schedule, veiw existing schedule or exit | ScheduleID  StaffID  StaffName  StaffContact  StaffHireDate  StaffEmail |
| 3 | Select existing schedule | Display information / basic schedule information  Wait for user input | ScheduleID  ScheduleDate |
| 4 | Update schedule fields | Wait for user input |  |
| 5  (Loop) | Enter the updated schedule information | Validation Data:  Staff name must not be blank.  At least one contact number must be entered as following format.  Schedule must not be blank.  Staff e-mail must not be null and must be enetered as following format.  Validate schedule is not a duplicate | ScheduleID  ScheduleDate |
| 6 | Verify and confirm changes to work schedule | Save new schedule to system  Create ScheduleID and date, save to system  Return to main menu and display confirmation message and ScheduleID | scheduleAndDateStamp |

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

**Section 3: Classes:**

|  |  |
| --- | --- |
| **Staff** | StaffID, StaffName, StaffAddress, StaffContact, StaffEmail |
| **Supplier** | ScheduleID, ScheduleDate |