# Casual Use Case Specification: Schedule Employees

**Brief Description:**

This use case enables the Store Manager to maintain the schedules of their employees.

# Section 1: Business Rule(s):

BR 01: Employee shifts are scheduled up to 1 month in advance.

BR 02: Each employee shift can be scheduled no longer than 10 hours.

BR 03: Up to (3 on weekdays, 5 on weekends) employees in the same department can have a shift in a certain time slot.

BR 04: Employees must have a min of 20 and max of 48 hours hours scheduled per week.

BR 05: Employees must schedule vacation of more than 3 days one month in advance.

# Section 2: Scenarios (HD):

**Scenario 1: Update Employee Schedule**

# Preconditions

- User is logged in

- Dashboard is being displayed

| **Step#** | **Actor (User)** | **System** | **Data Used** |
| --- | --- | --- | --- |
| 1 | User selects update shift schedule from dashboard | All scheduled employee shifts are displayed | EmployeeShift list |
| 2 | User chooses the employee whose shift they want to change. | Verifies the user's authority to change that shift(Non admins can only modify thier own shifts).  Displays the schedule of the selected employee and their shifts. Each shift is selectable for modification. | shiftId  employeeId  firstName  lastName  date  timeStart  timeEnd  breakStart  breakEnd  type |
| 3 | User chooses which shift they want to update. | Prompt for input for the new times and day of the shift. |  |
| 4 | User inputs new time and type (vacation/work)for the shift. | Verifies that there are no conflicts with the new shift time and displays the schedule with the modified shift.  Prompt for confirmation. |  |
| 5 | User confirms changes to the shift. | The new time and day entered is saved into the system, replacing the old shift.  Shifts are displayed and confirmation for continuation is requested. |  |
| 6 | User confirms to continue | User is redirected to the dashboard. |  |

**Successful Post-Conditions:**

- A shift has been modified and saved to the database

- User is redirected to the dashboard

**Scenario 2: Add Employee Shift**

# Preconditions

- User is logged in

- Dashboard is being displayed

| **Step#** | **Actor (Store Manager)** | **System** | **Data Used** |
| --- | --- | --- | --- |
| 1 | User selects add shift option from dashboard. | All scheduled employee shifts are displayed | EmployeeShift list |
| 2 | User chooses an Employee from whose schedule a shift will be added. | Verifies user has authority to add a shift to that employee(Non admin accounts can only add shifts to their own schedule)  Displays the shift schedule of the selected employee.  Prompt for user input for the time the shift is to be added. | shiftId  employeeId  firstName  lastName  date  timeStart  timeEnd  breakStart  breakEnd  type |
| 3 | User inputs new time and type (vacation/work)for the shift to be added. | Verifies that there are no conflicts with existing shifts.  Displays a confirmation screen and a preview of the employee’s schedule after the changes. |  |
| 4 | User confirms that they would like to add that shift the employee’s schedule. | The shift is added to the database.  Employee's new shift schedule is displayed and confirmation for continuation is requested. |  |
| 5 | User confirms to continue | User is redirected to the dashboard. |  |

**Successful Post-Conditions:**

- User has added a shift to the database

- Dashbord is being displayed

**Class**

EmployeeShift

shiftId

employeeId

firstName

lastName

date

timeStart

timeEnd

breakStart

breakEnd

type