

Unit Testing

Test Case Identifier: TC-3

Use Case Tested: UC-6 Employee Shift Scheduling

Pass/Fail Criteria:

- The test will pass if the system successfully allows the manager to schedule a shift and notifies the employee.
- The test will fail if the system does not save the shift, does not prevent conflicts, or fails to notify the employee.

Input Data: Manager credentials, Employee list, Shift details (date, time slot, role)

Test Procedure:	Expected Result:
<ol style="list-style-type: none">1. Manager logs into the system with valid credentials.2. Manager navigates to the "Shift Scheduling" section.3. System retrieves and displays the list of employees.4. Manager selects an employee from the list.5. Manager assigns a shift by selecting a date, time slot, and role.6. Manager confirms the shift assignment.7. System updates the schedule and saves it to the database.8. System sends a notification to the assigned employee.	<ul style="list-style-type: none">• The system successfully displays the employee list.• The shift is assigned and saved in the database.• The employee receives a notification about the scheduled shift.• If an invalid time slot is selected, the system prompts for a valid selection.• If an employee is double-booked, the system alerts the manager and suggests an alternative slot.