

Use Case Documents

Use Case Name: List Overtime Opportunities		ID: 1	Importance Level: High
Primary Actor: Employee		Use Case Type: Detail, Essential	
Stakeholders and Interests: Employee – wants to see a list of overtime opportunities			
Brief Description: This use case describes how to list overtime opportunities			
Trigger: Employee would like a list of overtime opportunities Type: External			
Relationships: Association: Employee Include: Retrieve overtime opportunities from overtime table0 Extend: Generalization:			
Normal Flow of Events: 1. The employee selects “List Overtime Opportunities” from Main Menu. 2. If the user wants to see overtime opportunities, the S-1 sub flow is performed 3. The user is returned to the main menu			
Sub Flows: S-1: List overtime opportunities 1. The employee sees a list of all available overtime opportunities by most recent date.			
Alternate/Exceptional Flows: S1-1. The employee selects “List Overtime Opportunities” from Main Menu. 2. No overtime opportunities available and system sends message to employee stating “No Overtime Opportunities Currently Available. Check back again later.” 3. The user is returned to the main menu			

Use Case Name: Volunteer for Overtime Opportunities		ID: 2	Importance Level: High
Primary Actor: Employee		Use Case Type: Detail, Essential	
Stakeholders and Interests: Employee - wants to volunteer for an overtime opportunity			
Brief Description: This use case describes volunteer for an overtime opportunity			
Trigger: Employee would like to volunteer for an overtime opportunity Type: External			
Relationships: Association: Employee Include: Insert into employee overtime table Extend: Generalization:			
Normal Flow of Events: 1. The employee selects "Volunteer for Overtime" from Main Menu. 2. If the user wants to volunteer for overtime, the S-1 sub flow is performed 3. The user is returned to the main menu			
Sub Flows: S-1: Volunteer for overtime opportunities 1. The employee sees a list of all available overtime opportunities by most recent date. 2. The user places a check in the boxes next to the dates that he or she would like to volunteer and clicks submit. 3. The user is shown a confirmation page that lists the items that he or she volunteered for.			
Alternate/Exceptional Flows: S1-1. No overtime opportunities available and system sends message to employee stating "No Overtime Opportunities Currently Available. Check back again later."			

Use Case Name: Check which Employee receives the Overtime.		ID: 3	Importance Level: High
Primary Actor: Employee/Supervisor		Use Case Type: Detail, Essential	
Stakeholders and Interests: Employee/Supervisor - wants to see which employee received the overtime			
Brief Description: This use case describes how to see which employee received the overtime			
Trigger: Employee/Supervisor would like to know which employee receives the overtime. Type: External			
Relationships: Association: Include: Retrieve from overtime employee table, Calculate seniority and volunteers. Extend: Generalization:			
Normal Flow of Events: 1. The employee selects "Employee Overtime List" from Main Menu. 2. If the Employee wants to see if he or she received the overtime, the S-1 sub flow is performed 3. If the Supervisor wants to see which employee received the overtime the S-2 sub flow is performed 4. The Employee/Supervisor is returned to the main menu			
Sub Flows: S-1: Employee Overtime List 1. The employee sees which employee is getting the overtime, if it is not them they will see how many times they volunteered along with a number of when the might get the next overtime based on the current list of volunteers. S-2: Supervisor Overtime List 1. The supervisor sees which employee is getting the overtime along with an approximate list of who will get the overtime next based on the current list of volunteers.			
Alternate/Exceptional Flows: N/A			

Use Case Name: Add Employee		ID: 4	Importance Level: High
Primary Actor: Supervisor		Use Case Type: Detail, Essential	
Stakeholders and Interests: Supervisor - wants to add a new employee			
Brief Description: This use case describes how to add a new employee			
Trigger: Supervisor would like to add an employee Type: External			
Relationships: Association: Include: Calculate Seniority, Insert employee into employee table Extend: Generalization:			
Normal Flow of Events: 1. The supervisor selects "Add Employee" from Supervisor Main Menu. 2. If the supervisor wants to add an employee, the S-1 sub flow is performed 3. The user is returned to the Supervisor Main Menu			
Sub Flows: S-1: Add Employee 1. The supervisor adds the employee's name, and hire date. 2. The Calculate Seniority function calculates the employee's seniority 3. The employee is inserted into the employee table			
Alternate/Exceptional Flows: S1-1. The supervisor inputs are NOT letters and white space only for the name and the system gives an ERROR that states, "Letters and white space only." The supervisor enters an invalid date and the system gives them an ERROR and states, "Please enter date in this format: 2016-11-25." 2. If error received supervisor is returned to the add employee form and supervisor will try again until data is correct			

Use Case Name: Delete Employee		ID: 5	Importance Level: High
Primary Actor: Supervisor		Use Case Type: Detail, Essential	
Stakeholders and Interests: Supervisor – wants to delete an employee from the database			
Brief Description: This use case describes how to delete and employee			
Trigger: Supervisor would like to delete an employee Type: External			
Relationships: Association: Include: Delete employee from employee table Extend: Generalization:			
Normal Flow of Events: 1. The supervisor selects “Delete Employee” from Supervisor Main Menu. 2. If the supervisor wants to add an employee, the S-1 sub flow is performed 3. The user is returned to the Supervisor Main Menu			
Sub Flows: S-1: Delete Employee 1. The supervisor selects the employee that needs to be deleted and clicks the delete button. 2. System asks supervisor, “Are you sure you want to delete ‘Employee’.” Supervisor selects “Yes” and employee is deleted 3. The employee is deleted from the employee table			
Alternate/Exceptional Flows: S1-2. The System asks supervisor, “Are you sure you want to delete ‘Employee’.” Supervisor selects “No” and is return to the Delete Employee page.			

Use Case Name: Add Overtime Opportunity		ID: 6	Importance Level: High
Primary Actor: Supervisor		Use Case Type: Detail, Essential	
Stakeholders and Interests: Supervisor - wants to add an overtime opportunity to the database			
Brief Description: This use case describes how to add an overtime opportunity			
Trigger: Supervisor would like to add an overtime opportunity Type: External			
Relationships: Association: Include: Add overtime opportunity to overtime table Extend: Generalization:			
Normal Flow of Events: 1. The supervisor selects "Add Overtime Opportunity" from Supervisor Main Menu. 2. If the supervisor wants to add an overtime opportunity, the S-1 sub flow is performed 3. The user is returned to the Supervisor Main Menu			
Sub Flows: S-1: Add Overtime Opportunity 1. The supervisor adds the name for the overtime opportunity and date. 2. The overtime opportunity is inserted into the overtime table.			
Alternate/Exceptional Flows: S1-1. The supervisor inputs are NOT letters and white space only for the name of the overtime opportunity and the system gives an ERROR that states, "Letters and white space only." The supervisor enters an invalid date and the system gives an ERROR that states, "Please enter date in this format: 2016-11-25." 2. If error received supervisor is returned to the add overtime opportunity form and the supervisor will try again until data is correct.			

Use Case Name: Update Overtime Opportunity		ID: 7	Importance Level: High
Primary Actor: Supervisor		Use Case Type: Detail, Essential	
Stakeholders and Interests: Supervisor – wants to update an overtime opportunity in the database			
Brief Description: This use case describes how to update an overtime opportunity			
Trigger: Supervisor would like to update an overtime opportunity Type: External			
Relationships: Association: Include: Update overtime opportunity in overtime table Extend: Generalization:			
Normal Flow of Events: <div>1. The supervisor selects “Update Overtime Opportunity” from Supervisor Main Menu.</div> <div>2. If the supervisor wants to update an overtime opportunity, the S-1 sub flow is performed</div> <div>3. The user is returned to the Supervisor Main Menu</div>			
Sub Flows: S-1: Update Overtime Opportunity <div>1. The supervisor taken to the update overtime opportunity page and selects the overtime opportunity he or she would like to update and clicks “OK”.</div> <div>2. The update overtime form is loaded with the selected data and the supervisor updates the necessary sections.</div> <div>3. The supervisor clicks the “Update” button and the system send the supervisor to a success page that displays the updated information.</div>			
Alternate/Exceptional Flows: <div>S1-2. The supervisor inputs are NOT letters and white space only for the name of the overtime opportunity and the system gives an ERROR that states, “Letters and white space only.” The supervisor enters an invalid date and the system gives an ERROR that states, “Please enter date in this format: 2016-11-25.”</div> <div>3. The supervisor notices on the success page that the information is still incorrect.</div> <div>4. The supervisor would start over the process again until correct</div>			