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| Use Case | Update Employee Warning Letter | |
| Scenario | Updates the approval of an employee warning letter | |
| Triggering Event | Human Resources Department has issued a warning letter for one of the employees and is pending approval from the Management | |
| Brief Description | Updates the status of an employee warning letter based on the decision of the management. If approved, a warning letter will be issued for the employee. If an employee has been issued 3 warning letters, a firing request will be issued for the employee. | |
| Actors | Management | |
| Related Use Case | Might invoke Create Employee Firing Request | |
| Stakeholders | Human Resources Department | |
| Preconditions | Warning letters data must be available,  Employee must exist, | |
| Postconditions | Employee is issued a warning letter if the management approves the letter.  Firing request is issued for the employee if it has three or more warning letters. | |
| Flow of Activities | Actor | System |
| 1. User open pending warning letters list  2. User selects a warning letter to update  3. User choose to approve the warning letter | 1.1 System display all warning letters pending approval  2.1 System validates the selected warning letter  2.2 System displays the employee detail and the letter issuance reason  3.1 System updates the warning letter status to approved  3.2 System creates a notification for the employee about the warning letter |
| Exception Conditions | 1.1 If there is no warning letters data, display data unavailable message  2.1 If selected warning letter is invalid, prompt user to reselect  3.1 If management choose to decline, remove warning letter  3.1 If the employee has three approved warning letters, create a firing request for the employee | |

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| Use Case | Update Movie Schedules | |
| Scenario | Updating generated movie schedules manually | |
| Triggering Event | There needs to be a change in the generated movie schedule. | |
| Brief Description | Movie Department (Schedule Division) wants to change one of the generated movie schedules by overriding the system generated schedule. | |
| Actors | Movie Department (Schedule Division) | |
| Related Use Case | Might override Create Movie Schedules | |
| Stakeholders | Manager, Movie Department (Operation Division) | |
| Preconditions | Movie schedules data must be available,  The selected movie schedule must exist,  Selected movie schedule ticket must not be sold yet | |
| Postconditions | The movie schedule is updated with the new manually created schedule. | |
| Flow of Activities | Actor | System |
| 1. User selects a date to view the schedules  2. User selects a movie schedule to be updated  3. User selects a new movie to replace the currently set movie for the selected schedule | 1.1 System displays all movie schedules for that date  2.1 System validates the selected movie schedule has not yet sold a ticket  2.2 System display the movie playing in that schedule  3.1 System validates the newly selected movie is valid and the duration does not conflict with other movie schedules in that date  3.2 System updates the selected movie schedule with the newly selected movie |
| Exception Conditions | 1.1 If the date is invalid or does not have any schedules set, prompt user to reselect  2.1 If the selected movie schedule has already sold a ticket, prompt user to reselect  3.1 If the selected movie duration conflicts with other schedules on that date, prompt user to reselect | |

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| Use Case | Create Food and Beverage Sale | |
| Scenario | Sell a food and beverage menu to a customer | |
| Triggering Event | Customer wants to purchase an item from the café menu | |
| Brief Description | Creates a food and beverage transaction provided the selected menu and payment method | |
| Actors | Café Department (Front Office Division) | |
| Related Use Case | None | |
| Stakeholders | Café Department (Kitchen Division) | |
| Preconditions | Food and beverage data must be available | |
| Postconditions | Food and beverage transaction is recorded,  Menu stocks are updated, | |
| Flow of Activities | Actor | System |
| 1. User opens menu list  2. User selects each item to be sold  3. User inputs each item quantity to be sold  4. User selects customer payment method  5. User enters customer payment details | 1.1 System display all food and beverages  2.1 System validates each selected item  3.1 System validates item availability for the inputted quantity  4.1 System validates payment method  5.1 System verifies customer payment  5.2 System record the menu transaction  5.3 System updates the menu stocks |
| Exception Conditions | * 1. If food and beverages data is unavailable, display data unavailable message.   2.1 If selected item is invalid, prompt user to reselect  3.1 If inputted item quantity exceeds the item stock, prompt user to reinput  4.1 If selected payment method is invalid, prompt user to reselect  5.1 If payment cannot be verified, prompt user to re-enter payment details | |

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| Use Case | Update Movie Schedule Advertisements | |
| Scenario | Sets the advertisements to be played for a movie schedule | |
| Triggering Event | Advertisements needs to be set for an upcoming movie schedule. | |
| Brief Description | Movie Department (Operation Division) selects the advertisements to be shown in a selected movie schedule | |
| Actors | Movie Department (Operation Division) | |
| Related Use Case | None | |
| Stakeholders | External Party Department | |
| Preconditions | Advertisements data must be available,  Movie schedules data must be available | |
| Postconditions | Advertisement list to be shown is set for the selected movie schedule | |
| Flow of Activities | Actor | System |
| 1. User opens movie schedules  2. User select a movie schedule to set the advertisement for  3. User selects the advertisements to be shown in the selected schedule | 1.1 System displays all movie schedules  2.1 System validates the selected movie schedule  3.1 System validates each selected advertisement is suitable with the movie age rating  3.2 System validates the remaining advertisement slots are still sufficient for each selected advertisement  3.3 System saves the selected advertisements for the movie schedule |
| Exception Conditions | * 1. If movie schedules data is unavailable, display data unavailable message   2.1 If the selected movie schedule is invalid, prompt user to reselect  3.1 If an advertisement is not suitable for the selected movie age rating, prompt user to reselect  3.2 If there is no more remaining slot left for an advertisement, do not include the advertisement | |

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| Use Case | Distribute Member Vouchers | |
| Scenario | Send vouchers to certain eligible members | |
| Triggering Event | Promotion and Event Department wants to distribute certain vouchers for selected members. | |
| Brief Description | Distributes a set of vouchers in bulk to all members fulfilling certain criteria set by the promotion and even department | |
| Actors | Promotion and Event Department | |
| Related Use Case | Uses the result of Generate Member Vouchers,  Might invoke Generate Member Vouchers | |
| Stakeholders | Movie Department (Front Office Division),  Café Department (Front Office Division) | |
| Preconditions | Members data must be available,  Criterion types must be available, | |
| Postconditions | Selected vouchers are assigned to selected members,  Selected vouchers details are sent to the receiving members | |
| Flow of Activities | Actor | System |
| 1. User opens members list  2. User selects the criterion types  3. User inputs criterion values for each selected criterion type  4. User opens available vouchers list  5. User selects voucher to be distributed | 1.1 System displays all members  2.1 System prompts user to input values for each selected criterion  3.1 System validates inputted criterion values  4.1 System displays all available vouchers  5.1 System validates the selected vouchers  5.2 System assigns and sends the selected vouchers to each of the eligible members based on the criteria |
| Exception Conditions | * 1. If members data is unavailable, display empty message   2. The criteria result in no members eligible, display empty message   4.1 If there are no available vouchers, proceed to Generate Member Vouchers first  5.1 The selected vouchers are invalid, prompt user to reselect | |

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| Use Case | Finalize Storage Item Report | |
| Scenario | Marks a report for a facility or equipment in storage finished | |
| Triggering Event | Storage Department has inspected and performed possible repairs to a facility/equipment according to reports and wants to finalize the reparation. | |
| Brief Description | Changes the status of a storage item report to finished and sends notification to the employee reporting it. | |
| Actors | Storage Department | |
| Related Use Case | None | |
| Stakeholders | None | |
| Preconditions | Storage item reports data must be available, | |
| Postconditions | Reported facility or equipment status is changed,  Reporting employee is notified | |
| Flow of Activities | Actor | System |
| 1. User open storage item reports  2. User selects a report to be finalized  3. User inputs finalization comments | 1.1 System displays all storage item reports  2.1 System validates the selected report  3.1 System validates if there are any inputted comments  3.2 System changes the status of the selected report to finished  3.3 System sends a notification to the reporting employee  3.4 System sends a push notification to the reporting employee |
| Exception Conditions | 1.1 If there is no storage item reports, display empty message  2.1 If the selected report is no longer valid, prompt user to reselect  3.3 If the reporting employee has their notifications disabled, do not send push notifications | |

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| Use Case | Create Movie Schedules | |
| Scenario | Create system generated movie schedules | |
| Triggering Event | The movie schedules for a date are not set yet. | |
| Brief Description | System generates the optimal movie schedule for selected date given the time slots and movies. | |
| Actors | Movie Department (Schedule Division) | |
| Related Use Case | Might be overridden by Update Movie Schedules | |
| Stakeholders | Movie Department (Operation Division), Movie Department (Front Office Division), Manager | |
| Preconditions | Movies data must be available | |
| Postconditions | Movie schedule for the selected date is generated and saved | |
| Flow of Activities | Actor | System |
| 1. User choose a date to set the movie schedule  2. User choose to create a new system generated schedule for the date  3. User select the included movies in that date | 1.1 System validates the selected date  2.1 System prompts the user to select the included movies for the date  3.1 For each selected movies, validate if the remaining time slots for that date is sufficient for the movie.  3.2 System displays the generated schedule  3.3 System assigns the generated schedule for the selected date and save it to the database |
| Exception Conditions | 1.1 If the selected date is invalid, prompt user to reselect date  2.1 If the movies data is unavailable, display empty message  3.1 If one of the selected movies is invalid for the selected time slots, prompt user to reselect movies | |

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| Use Case | Create Company Taxes Calculation | |
| Scenario | Create a calculation of the total taxes of the company | |
| Triggering Event | Accounting and Finance Department wants to create the latest tax calculation for the company | |
| Brief Description | Creates a tax calculation from the company revenues from the transactions and the company assets that are subject to tax and saves it to the database | |
| Actors | Accounting & Finance Department | |
| Related Use Case | Might be used in View Expenses Report | |
| Stakeholders | Manager | |
| Preconditions | Company revenues data must be available,  Company assets data must be available,  Tax percentages must be set | |
| Postconditions | A tax calculation is recorded to the database. | |
| Flow of Activities | Actor | System |
| 1. User creates new tax calculation | 1.1 System fetches all movie ticket and café transactions  1.2 System fetches all company assets  1.3 System calculates tax from the calculated profits (revenues)  1.4 System calculates tax from the company assets  1.5 System sums taxes from revenues and assets  1.6 System records created tax calculation  1.7 System displays tax calculation result |
| Exception Conditions | 1.1 If transaction data is unavailable, display data unavailable message  1.2 If assets data is unavailable, display data unavailable message  1.3 If tax percentages are not set, display tax percentage unavailable message  1.4 If tax percentages are not set, display tax percentage unavailable message | |

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| Use Case | Create Employee Attendance Data Visualization | |
| Scenario | Create a data visualization from employee attendance data | |
| Triggering Event | Human Resources Department wants to visualize employee attendance data | |
| Brief Description | Generating a data visualization in a form of chart from the employee attendance data to ease the process of recapitulations. | |
| Actors | Human Resources Department | |
| Related Use Case | Might be included in Create Employee Data Visualization | |
| Stakeholders | Manager | |
| Preconditions | Employee attendance data must be available | |
| Postconditions | Data visualization is generated from employee attendance data.  Data visualization is saved to the database for further reading. | |
| Flow of Activities | Actor | System |
| 1. User opens employee attendance data  2. User selects attendance period  3. User selects included employees  4. User selects visualization type | 1.1 System displays employee attendance  2.1 System validates the selected attendance period  3.1 System validates the included employees  4.1 System validates the selected visualization type  4.2 System generates a chart based on the selected visualization type from the employee attendance data  4.3 System displays the generated chart  4.4 System records the generated data visualization |
| Exception Conditions | 1.1 If attendance data is unavailable, display data unavailable message  2.1 If selected period is invalid, prompt user to reselect  3.1 If selected included employees is invalid, prompt user to reselect  4.1 If selected visualization type is invalid, prompt user to reselect | |

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| Use Case | Create Advertisement Cost Calculations | |
| Scenario | Create a calculation for the cost an advertisement campaign | |
| Triggering Event | An external party wants to know the cost of running an advertising campaign. | |
| Brief Description | Calculates the total campaign cost of a specific advertisement provided the advertisement period, time slots and clip durations | |
| Actors | External Department | |
| Related Use Case | None | |
| Stakeholders | None | |
| Preconditions | Advertisement details must be available | |
| Postconditions | A calculation of the advertisement campaign cost is created.  The requesting external party gets a report about the cost. | |
| Flow of Activities | Actor | System |
| 1. User inputs campaign period  2. User inputs estimated clip duration  3. User selects running time slots | 1.1 System validates the campaign period  2.1 System validates estimated clip duration  3.1 System validates selected time slots  3.2 System performs a calculation using the default advertising price formula  3.3 System displays the calculation result |
| Exception Conditions | 1.1 If campaign period is invalid, prompt user to reselect  2.1 If clip duration is invalid, prompt user to reinput  3.1 If selected time slots are invalid, prompt user to reselect  3.2 If advertising price formula data is not available, display formula unavailable message | |