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| **Use Case Name** | Update Fund Request Status | |
| **Scenario** | Accounting and Finance Department update fund request status | |
| **Triggering Event** | Another department send a fund request and the fund request is checked/valid | |
| **Brief Description** | The accounting and finance department, together with the manager, has reviewed the fund request to be accepted, rejected, or revised, and will input the result to the system | |
| **Actors** | Accounting and Finance Department, Manager | |
| **Related Use Cases** | Submit Fund Request | |
| **Stakeholders** | Another department who submitted the request, and probably the storage department | |
| **Precondition** | There is a fund request | |
| **Postcondition** | The related department receives notification about the result, update fund request data | |
| **Flow of Events** | **Actor** | **System** |
| 1. View all pending fund request  2. Choose the fund request to be updated  3. The accounting and finance department input the new fund request status to the system | 1.1. The system shows the pending fund requests  2.1. The system shows the chosen fund request details  3.1. The system will validate and update the status of the fund request  3.2. The system will notify the result to the related department |
| **Exception Condition** | 3.1. The accounting and finance department cancel the inputted result | |

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| **Use Case Name** | Review Resignation | |
| **Scenario** | The manager decides whether the employee is allowed to resign or not | |
| **Triggering Event** | The employee submitted a resignation letter | |
| **Brief Description** | The manager will decide whether the employee is allowed to resign or not based on the contract and resignation letter that has been submitted at least two months before the resignation | |
| **Actors** | Manager | |
| **Related Use Cases** | View Employee | |
| **Stakeholders** | Employee | |
| **Precondition** | Employee, contract, and resignation letter must exist | |
| **Postcondition** | The employee receives notification about the result | |
| **Flow of Events** | **Actor** | **System** |
| 1. The manager decides whether the employee is allowed to resign or not based on the contract and resignation letter  2. The manager input the result to the system | 2.1. The system asks for confirmation before finalizing the result  2.2. The system will notify the result to the employee |
| **Exception Condition** |  | |

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| **Use Case Name** | Update Issued Termination Letter Status | |
| **Scenario** | The manager updates the employee termination status | |
| **Triggering Event** | The employee received more than three warning letters | |
| **Brief Description** | The manager updates the employee termination status (whether the employee will be fired or not) based on the employee’s performance and the issued termination letter | |
| **Actors** | Manager | |
| **Related Use Cases** | Issue Termination Letter, View Termination Letter | |
| **Stakeholders** | Employee, Human Resource Department | |
| **Precondition** | Employee, contract, and warning letter must exist  There are more than three warning letters | |
| **Postcondition** | The employee receives notification about the result, employee termination status is updated | |
| **Flow of Events** | **Actor** | **System** |
| 1. View all pending termination letter  2. The manager choose the employee termination letter to be updated  3. The manager input the employee termination status | 1.1. The system shows the pending termination letters  2.1. The system shows the chosen employee termination letter details  3.1. The system will validate and update employee termination status  3.2. The system will notify the result to the employee and Human Resource Department |
| **Exception Condition** | 3.1. The manager cancels the operation | |

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| **Use Case Name** | Submit Personal Leave Request | |
| **Scenario** | The employee submits a personal leave request to the Human Resource Department | |
| **Triggering Event** | The employee wants to submit a personal request | |
| **Brief Description** | The employee fills in the reason, active job, start and end time of the leave request, and submit the request to the system to be later forwarded to the Human Resource Department | |
| **Actors** | Employee from any department | |
| **Related Use Cases** | Update Personal Leave Request | |
| **Stakeholders** | Human Resource Department | |
| **Precondition** | The employee must be an active employee, contract must exist | |
| **Postcondition** | The request will be added to the personal leave requests list and the Human Resource Department will receive a notification about the new submission of the personal leave request | |
| **Flow of Events** | **Actor** | **System** |
| 1. The employee inputs the start and end time of the personal leave request and the reason of the personal leave request  2. User confirms the inputted data | 1.1. The system will validate the data  1.2. The system will ask for confirmation  2.1. The system will add the customer’s personal leave request to the personal leave request list  1.3. The system will notify the Human Resource Department about the newly added personal leave request |
| **Exception Condition** | Cancellation -> if the employee decides to cancel the submission of the personal leave request | |

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| **Use Case Name** | Adjust Salary | |
| **Scenario** | The Human Resource Department prepares a list of employees who will receive a salary change | |
| **Triggering Event** | The Human Resource Department wants to adjust employee’s salary | |
| **Brief Description** | The Human Resource Department prepares a list of employees who will receive a salary change and inputs it to the system to be furtherly discussed with the manager | |
| **Actors** | Human Resource Department | |
| **Related Use Cases** | Approve Salary Adjustment | |
| **Stakeholders** | Employee | |
| **Precondition** | Employee must exist | |
| **Postcondition** | The manager will receive the list of the employee whose salary will be adjusted | |
| **Flow of Events** | **Actor** | **System** |
| 1. The Human Resource Department decides which employees will receive salary adjustment  2. The Human Resource Department inputs the result to the system | 2.1. The system asks for confirmation before finalizing the list  2.2. The system will send the list to the manager |
| **Exception Condition** |  | |

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| **Use Case Name** | Approve Salary Adjustment | |
| **Scenario** | The manager and the Human Resource Department review the list of the employee whose salary will be adjusted | |
| **Triggering Event** | The Human Resource Department and the manager want to review the list of the employee whose salary will be adjusted | |
| **Brief Description** | The manager and the Human Resource Department review the list of the employee whose salary will be adjusted and input the final decision to the system so that the employees will be notified about the salary adjustment | |
| **Actors** | Manager, Human Resource Department | |
| **Related Use Cases** | Adjust Salary | |
| **Stakeholders** | Employee | |
| **Precondition** | Employee and the list of the employees whose salary will be adjusted must exist | |
| **Postcondition** | The employees will receive notification about the salary adjustment | |
| **Flow of Events** | **Actor** | **System** |
| 1. The Human Resource Department and manager discuss whether the employees’ salary adjustment will be approved or not  2. The Human Resource Department and manager input the result to the system | 2.1. The system asks for confirmation before finalizing the result  2.2. The system will notify the result to the employee |
| **Exception Condition** |  | |

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| **Use Case Name** | Insert Movie Ticket Order | |
| **Scenario** | Movie Department (Front Office Division) will input the details of the movie the customer wants to watch | |
| **Triggering Event** | Customer wants to watch a movie, and the movie is still running | |
| **Brief Description** | Movie Department (Front Office Division) will input the details of the movie the customer wants to watch, including movie title, schedule, studio, and seat | |
| **Actors** | Movie Department (Front Office Division) | |
| **Related Use Cases** | View Movie Schedule, Insert Customer Membership, Use Customer Membership, Use Customer Membership Point | |
| **Stakeholders** | ?????????? | |
| **Precondition** | The movie must still be running, the system already filtered the available schedule and studio | |
| **Postcondition** | The customer will receive a movie ticket, membership point will increase, membership point will decrease if the point is used | |
| **Flow of Events** | **Actor** | **System** |
| 1. The front office search the details of the movie the customer wants to watch (search movie schedule, including the studio number)  2. The front office inputs the customer’s desired schedule and studio number  3. The front office inputs the customer’s desired seat  4. The front office inputs the customer’s desired payment method  5. The front office scans the customer’s membership card  6. The front office inputs the customer’s choice to use their points  7. The front office confirms the payment | 1.1. The system shows the chosen movie’s available schedule including the studios that are playing the movie  1.2. The system prompts the user to choose a schedule and studio number  2.1. The system shows the chosen studio’s seat list  2.2. The system prompts the user to input the desired seat number  3.1. The system calculates the total price  3.2. The system prompts the user to choose payment method  4.1. The system prompts the user to choose if the customer wants to use their membership card or not  5.1. The system adds points to the customer’s membership card  5.2. The system prompts user if the customer wants to use their points  6. 1. The system will deduct the total price according to the customer’s point amount  6.2. The system prompts the user to confirm the payment  7.1. The system updates the data |
| **Exception Condition** | Cancellation -> if during any event the customer cancels their order  4.1. Payment method fail  5.1. The customer doesn’t have a membership card  6.1. The customer doesn’t have enough points | |

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| **Use Case Name** | Insert Customer Membership | |
| **Scenario** | Movie Department (Front Office Division) will create a membership card for the customer who doesn’t have a membership card and wants to create one. | |
| **Triggering Event** | The customer doesn’t have a membership card and wants to create one. | |
| **Brief Description** | The front office division will enter customer’s information to create a new membership card with an additional card printing fee. | |
| **Actors** | Movie Department (Front Office Division) | |
| **Related Use Cases** | Insert Movie Ticket Order | |
| **Stakeholders** | ????????? | |
| **Precondition** | The customer must not have a membership card | |
| **Postcondition** | The customer’s data will be inserted, data will be added to the membership report | |
| **Flow of Events** | **Actor** | **System** |
| 1. The front office inputs customer’s personal information  2. The front office confirms that the inputted information is correct | 1.1. The system validates the inputted data  1.2. The system prompts user to confirm the inputted information  2.1. The system creates the customer’s membership  2.2. The system updates the membership report |
| **Exception Condition** | 2.1. The customer cancels their decision to make a membership card | |

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| **Use Case Name** | Use Customer Membership | |
| **Scenario** | The customer who has a membership card uses their membership card in a transaction to gain points. | |
| **Triggering Event** | The customer wants to use their membership in a transaction. | |
| **Brief Description** | The customer’s membership will be validated and used in the transaction to gain points. | |
| **Actors** | Movie Department (Front Office Division) | |
| **Related Use Cases** | Insert Movie Ticket Order | |
| **Stakeholders** | ?????? | |
| **Precondition** | The customer must have a membership card | |
| **Postcondition** | The points in the customer’s membership card will be increased | |
| **Flow of Events** | **Actor** | **System** |
| 1. The front office scans the membership card | 1.1. The system will validate the customer’s membership card  1.2. The system increases the customer’s membership point |
| **Exception Condition** | 1.2. The membership card is not valid anymore  Cancellation -> if the customer decides to cancel the membership usage | |

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| **Use Case Name** | Use Customer Membership Points | |
| **Scenario** | The customer who has enough points uses their points in a transaction. | |
| **Triggering Event** | The customer wants to use their membership points in a transaction. | |
| **Brief Description** | The customer’s points will be validated and used in the transaction. | |
| **Actors** | Movie Department (Front Office Division) | |
| **Related Use Cases** | Insert Movie Ticket Order | |
| **Stakeholders** | ?????? | |
| **Precondition** | The customer must have a membership card | |
| **Postcondition** | The points in the customer’s membership card will be deducted for the transaction | |
| **Flow of Events** | **Actor** | **System** |
| 1. The front office inputs the customer ID to search for the membership card details  2. The front office inputs the amount of points that the customer wants to use | 1.1. The system will validate if the customer’s member exists, and the points have reached the minimum usage criteria  1.2. The system prompts the user to input the amount of points the customer wants to use in the transaction  2.1. The system deducts the customer’s point and use it in the transaction |
| **Exception Condition** | 1.2. The inputted ID doesn’t exist, or the points have not reached the minimum usage criteria  2.1. The customer decides to cancel the points usage | |

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| **Use Case Name** | Insert Food Order | |
| **Scenario** | The front office division under the cafe department serves customers who want to buy Stuck in the Movie foods and beverages and insert their order to the kitchen queue. | |
| **Triggering Event** | The customer wants to order some food. | |
| **Brief Description** | The front office division will enter customer’s order and insert them to the kitchen queue. | |
| **Actors** | Cafe Department (Front Office Division) | |
| **Related Use Cases** | View Food, Use Voucher | |
| **Stakeholders** | Cafe Department (Kitchen Division) | |
| **Precondition** | The kitchen division must be ready, food stock must exist | |
| **Postcondition** | The queue will be added, the kitchen division will be notified about the new order | |
| **Flow of Events** | **Actor** | **System** |
| 1. The front office inputs the customer’s order  2. The front office inputs the customer’s desired payment method  3. The front office confirms the payment | 1.1. The system calculates the total price  1.2. The system prompts user to input the customer’s desired payment method  2.1. The system prompts the user to confirm the payment  3.1. The system adds the order to the kitchen queue  3.2. The system notifies the kitchen division about the new order |
| **Exception Condition** | Cancellation -> if the customer decides to cancel their order | |

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| **Use Case Name** | Issue Warning Letter | |
| **Scenario** | The Human Resource Department issues a warning letter to the employee who violated the contract. | |
| **Triggering Event** | An employee violated the contract, and the violation has been confirmed. | |
| **Brief Description** | The Human Resource Department issues a warning letter to the employee who violated the contract by inputting the details of the violation, the details will be sent to the manager to be reviewed. | |
| **Actors** | Human Resource Department | |
| **Related Use Cases** | Update Warning Letter, View Warning Letter | |
| **Stakeholders** | Manager | |
| **Precondition** | There is a contract, the employee has violated the contract | |
| **Postcondition** | The warning letter will be added to the warning letter data list, manager will be notified about the newly issued warning letter so that the manager can approve/reject/revised the warning letter | |
| **Flow of Events** | **Actor** | **System** |
| 1. The Human Resource Department search the employee by their ID  2. The Human Resource Department inputs the violation brief description  3. The Human Resource Department inputs the violation date  4. The Human Resource Department inputs the violation chronology  5. The Human Resource Department confirms the inputted data | 1.1. The system prompts the user to insert violation brief description  2.1. The system prompts the user to insert violation date  3.1. The system prompts the user to insert violation details  4.1. The system prompts the user to confirm the inputted data  5.1. The system adds the warning letter to the data list  5.2. The system notifies the manager about the newly issued warning letter |
| **Exception Condition** | Cancellation -> The Human Resource Department cancels the operation | |

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| **Use Case Name** | Update Movie Schedule | |
| **Scenario** | Movie Department (Schedule Division) updates the movie schedule that was automatically generated by the system. | |
| **Triggering Event** | The schedule division wants to update the movie schedule. | |
| **Brief Description** | The movie department’s schedule division view the movie schedule and update/override the automatically generated schedule. | |
| **Actors** | Movie Department (Schedule Division) | |
| **Related Use Cases** | View Movie Schedule | |
| **Stakeholders** | Movie Department (Front Office Division), Movie Department (Operation Division) | |
| **Precondition** | The movie must have a contract with Stuck in the Movie, the automatically generated schedule must exist. | |
| **Postcondition** | The movie schedule is updated. | |
| **Flow of Events** | **Actor** | **System** |
| 1. The schedule division search movie ID to view the movie’s schedule  2. The schedule division edits the movie’s schedule  3. The schedule division confirms the inputted data | 1.1. The system shows the chosen movie’s editable schedule  2.1. The system prompts the user to confirm the inputted data  3.1. The system updates the movie schedule |
| **Exception Condition** | Cancellation -> the schedule division cancels the operation | |