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| Use Case | Issue Employee Warning Letter | |
| Scenario | Management issues warning letter to an employee | |
| Triggering Event | An employee violates one of the company rules | |
| Brief Description | A theatre employee breaks the regulations outlined in their signed contract. The employee will receive a warning letter if the manager approves its issuance. If an employee receives a warning letter more than three times, the manager may decide to terminate the employee. | |
| Actors | Human Resource Department | |
| Related Use Case | Approve Employee Firing | |
| Stakeholders | Manager, Human Resource Department | |
| Preconditions | User must be Human Resource Department, Employee must exist, Employee must have less than 3 warning letters | |
| Postconditions | Employee is warned,  Issued warning letter is recorded | |
| Flow of Activities | Actor | System |
| 1. User request employee detail  2. User issue warning letter to selected employee  3. User enters issuance reason | 1.1 System display employee details  2.1 System prompts for warning letter issuance reason  3.1 Verifies issuance reason valid  3.2 Add warning letter to employee |
| Exception Conditions | 3.1 If issuance reason is invalid, ask user to re input reason  3.2 If employee already has 3 warning letters, send firing request to management | |

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| Use Case | Override Movie Schedule | |
| Scenario | Override an auto generated movie schedule by the system | |
| Triggering Event | Movie Department Schedule Division decides to override the current schedule. | |
| Brief Description | A member of the schedule division wants to override a generated schedule. The old schedule will be replaced by the new schedule. | |
| Actors | Movie Department (Schedule Division) | |
| Related Use Case | Select movies to be shown | |
| Stakeholders | Manager, Movie Department (Schedule Division), Movie Department (Operation Division) | |
| Preconditions | User must be Movie Department (Schedule Division), Schedule must exist, Ticket is not sold yet | |
| Postconditions | The current schedule is replaced by the new schedule | |
| Flow of Activities | Actor | System |
| 1. User select movie schedule  2. User select schedule to be changed  3. User enters new schedule detail | 1.1 System looks up selected day movie schedule and display movie schedule  2.1 System display selected schedule detail  3.1 System verifies entered detail valid  3.2 System verifies no ticket has been sold  3.3 Update current schedule with the new schedule |
| Exception Conditions | 1.1 If selected day does not have any schedule, display message  3.1 If entered schedule detail is invalid, user must change input detail  3.2 If ticket already been sold to customer, then cancel schedule replacement | |

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| Use Case | Sell Ticket | |
| Scenario | Conduct ticket transaction for new ticket purchase | |
| Triggering Event | Customer wants to purchase movie ticket | |
| Brief Description | Customer wants to purchase movie ticket by choosing which movie and schedule they want, and followed up by the payment method they use, and record the ticket transaction of the customer. | |
| Actors | Movie Department (Front Office Division) | |
| Related Use Case | None. | |
| Stakeholders | Movie Department (Front Office Division), Movie Department (Operation Division), Manager | |
| Preconditions | User must be Movie Department (Front Office Division), Movie ticket must exist, Ticket payment must be successful | |
| Postconditions | Transaction is recorded to the system, selected seat is marked as occupied | |
| Flow of Activities | Actor | System |
| 1. User request ticket purchase  2. User select schedule  3. User select movie to be watched  4. User select seat to be purchased  5. User enters customer payment method | 1.1 System display all movie schedules  2.1 System display selected schedule movie list  3.1 System display available movie seat  4.1 System calculate price for selected seat  5.1 System record ticket transaction  5.2 System change selected seats status to purchased |
| Exception Conditions | 2.1 If selected schedules do not have any movie, select another  3.1 If no movie seat available left, customer must select another one  4.1 If payment method is not valid, prompts user to enter another payment method | |

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| Use Case | Select Displayed Advertisements | |
| Scenario | Select advertisement to be displayed for the movie | |
| Triggering Event | Movie Department (Operation Division) prepares for a movie schedule | |
| Brief Description | Movie Department (Operation Division) selects what advertisements to be shown for the selected movie schedule | |
| Actors | Movie Department (Operation Division) | |
| Related Use Case | None | |
| Stakeholders | Movie Department (Operation Division) | |
| Preconditions | User must be Movie Department (Operation Division), Advertisement to be displayed must exist, Advertisement must be suitable with the movies | |
| Postconditions | Advertisement will be shown before the movie, Record displayed advertisement | |
| Flow of Activities | Actor | System |
| 1. User request showing movie detail  2. User select advertisements to be displayed | 1.1 System displays movie detail  2.1 System verifies each advertisement to be shown  2.2 System verifies advertisement slot is still available  2.3 System record advertisements to be displayed |
| Exception Conditions | 2.1 If selected advertisement is not suitable for the current movie, select another one  2.2 The total selected advertisement exceeds slot limit | |

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| Use Case | Generate Member Vouchers | |
| Scenario | Generate vouchers for eligible members | |
| Triggering Event | User wants to generate voucher for members fulfilling certain criteria | |
| Brief Description | If customers meets certain set criteria for the voucher, voucher is generated for the customer | |
| Actors | Promotion & Event Department | |
| Related Use Case | Conduct ticket transaction, Conduct food and beverage transaction | |
| Stakeholders | Promotion & Event Department, Movie Department (Front Office Division), Café Department (Front Office Division) | |
| Preconditions | Customer must exist, Customer must meet the voucher criteria, User must be Promotion & Event Department | |
| Postconditions | Voucher is generated and associated with customer, Voucher is sent to customer | |
| Flow of Activities | Actor | System |
| 1. User open customer list to generate voucher  2. User select customer criteria to receive voucher  3. User select voucher to be generated | 1.1 System display customer list  2.1 System verify selected criteria  3.1 System generates selected voucher  3.2 System distribute voucher to customers |
| Exception Conditions | 2.1 If selected voucher is not verified, select another one | |

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| Use Case | Notify Employee Equipment Report | |
| Scenario | Notify employee after reported equipment reparation | |
| Triggering Event | Storage Department has finished handling the equipment reparation | |
| Brief Description | Notifies the reporting employee about the reported equipment reparation status | |
| Actors | Storage Department | |
| Related Use Case | None. | |
| Stakeholders | Human Resource Department | |
| Preconditions | User must be Human Resource Department, Facility or equipment has been reported, Employee must exist | |
| Postconditions | Employee is notified about the reported facility or equipment, Reported Facility condition is recorded | |
| Flow of Activities | Actor | System |
| 1. User open report list  2. Select reports to be notified  3. User input additional comment to user | 1.1 System display list of reports  3.1 System insert notification to employee inbox |
| Exception Conditions | 1.1 If list of reports is empty, display message  3. If additional comment is empty, send notification without additional comment  3.1 If employee enable notification, send push notification to user | |

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| Use Case | Select Displayed Movies | |
| Scenario | Select movies to be displayed on a specific day | |
| Triggering Event | Movies to be shown on a specific day has not been selected | |
| Brief Description | Movie Department (Schedule Division) is notified to select movies to be displayed | |
| Actors | Movie Department (Schedule Division) | |
| Related Use Case | View movie schedule, Set advertisement to be displayed | |
| Stakeholders | Movie Department (Schedule Division), Movie Department (Operation Division), Manager | |
| Preconditions | User must be Movie Department (Schedule Division), Movies must exist, Remaining schedule duration must be sufficient | |
| Postconditions | Movies are displayed on specific day schedule,  Schedule is updated with selected movies | |
| Flow of Activities | Actor | System |
| 1. User open movie schedule list  2. User select a specific schedule slot  3. User picks one or more movie to be shown | 1.1 System display movie schedule list  2.1 System validate selected schedule list  3.1 For each picked movie(s) system verifies movie suitability  3.2 Add movies to be displayed |
| Exception Conditions | 2.1 Movie schedule isn’t valid  3.1 If selected movie does not suit the current schedule, select another movie | |

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| Use Case | Calculate Company Taxes | |
| Scenario | Calculate the total tax that must be paid by the company | |
| Triggering Event | Accounting & Finance Department wants to calculate current company tax | |
| Brief Description | Calculate the total tax that the company is obliged to | |
| Actors | Accounting & Finance Department | |
| Related Use Case | View Revenues, View Expenses | |
| Stakeholders | Accounting & Finance Department, Manager | |
| Preconditions | Company revenues and assets data must be available, User must be Accounting & Finance Department | |
| Postconditions | The tax for the company is calculated,  The calculation is created and saved | |
| Flow of Activities | Actor | System |
| 1. User request company taxes calculation  2. User selects calculation that wants to be included | 1.1 System looks up revenues from company  1.2 System Calculate tax from revenues  1.3 System looks up total tangible and intangible assets  1.4 System calculate tax from tangible and intangible assets  1.5 System prompt which calculation to be included  2.1 System Sum all included calculation  2.2 System record calculated taxes in company expenses  2.3 Display calculation results |
| Exception Conditions | 1.1 Revenue data is unavailable  1.3 Assets data is unavailable  2.1 Included calculation is invalid | |

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| Use Case | Calculate Fund Request Realization | |
| Scenario | Calculate shortage/excess money from purchased items | |
| Triggering Event | A department purchase items for the company | |
| Brief Description | Calculate the amount of shortage/excess money from the total approved fund and actual purchased item price | |
| Actors | Storage Department | |
| Related Use Case | View Expenses | |
| Stakeholders | Manager, Storage Department, Accounting & Finance Department | |
| Preconditions | User must be storage department, Item purchased must exist, Transaction must exist | |
| Postconditions | Shortage/excess money is calculated from the transaction | |
| Flow of Activities | Actor | System |
| 1. User opens all item transaction  2. User select transaction to be calculated | 1.1 System display transaction list  2.1 System verify the transaction  2.2 System looks up the fund allocated for the transaction  2.3 System looks up the purchase price  2.4 System calculate the shortage/excess money from the transaction  2.5 Display calculation result |
| Exception Conditions | 2.1 Transaction is invalid  2.2 Allocated funds data is not available  2.3 Item purchase price is not available | |

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| Use Case | Calculate Advertisement Costs | |
| Scenario | Calculate advertisement cost required for an advertisement | |
| Triggering Event | Other companies want to advertise on Stuck in the Movie | |
| Brief Description | Calculate the total cost for an advertisement that other companies want to advertise on Stuck in the Movie | |
| Actors | External Department | |
| Related Use Case | None | |
| Stakeholders | External Department | |
| Preconditions | User must be external department, Advertisement must exist | |
| Postconditions | The total advertisement cost is calculated, External parties is informed about the cost | |
| Flow of Activities | Actor | System |
| 1. User input advertisement detail | 1.1 System verify the inputted detail  1.2 System calculate cost based on advertisement detail with price formula  1.3 System display the total calculated cost of the advertisement |
| Exception Conditions | 1.1 Inputted detail is not valid  1.2 Price formula for the calculation is not available | |