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| Use case name: | *Create membership card* | |
| Scenario: | Staff create membership card for customer in the front office of movie company | |
| Trigger event: | Customer want to get more promo and event | |
| Brief description: | Staff create membership card for customer by adding basic information of the customer and membership long time | |
| Actors: | Front office division staff | |
| Related use cases: | Input promo data | |
| Stakeholders: | Promotion and event department staff | |
| Preconditions: | Customer name must be available  Customer email must be available  Customer phone must be available | |
| Postconditions: | Customer name saved  Customer email saved  Customer phone saved  Customer membership created and printed  Customer membership time saved | |
| Flow of activities: | Actor | System |
| 1. Staff indicates decide create customer membership  2. Staff input customer name  3. Staff input customer email  4. Staff input customer phone  5. Staff input customer membership time  6.1 Staff input customer membership type | 1.1 System show form to add customer membership  1.2 System prompt customer name  2.1 System created customer name  2.2 System prompt customer email  3.1 System created customer email  3.2 System prompt customer phone  4.1 System created customer phone  4.2 System prompt customer membership time  5.1 System created customer membership time  5.2 System prompt customer membership type  6.1 System creates customer membership type  6.2 System associated these information to create membership card |
| Exception conditions: | 2.1 Customer name is empty  3.1 Customer email is empty  3.1 Customer email is not valid  4.1 Customer phone is empty  4.1 Customer phone is not valid  5.1 Customer membership time is negative | |

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| Use case name: | *Add movie to schedule* | |
| Scenario: | Schedule division staff add movie to schedule list that prepare for customer | |
| Trigger event: | Customer watch favourite movie | |
| Brief description: | Schedule division staff input basic information movie that listed for customer viewing in specific day | |
| Actors: | Schedule division staff | |
| Related use cases: | Invoked by input promo data | |
| Stakeholders: | Promotion and Event department staff | |
| Preconditions: | Movie name must be available  Movie rate must be available  Movie overview must be available  Movie poster must be available | |
| Postconditions: | Movie name saved  Movie rate saved  Movie overview saved  Movie poster saved | |
| Flow of activities: | Actor | System |
| 1. Schedule division staff indicates decide add movie to schedule  2. Staff enter license movies menu for look up movies licensed  3. Staff select specific movie from list movies to look detail information of licensed movie  4. Staff input schedule movie date to be show  5. Staff input time movie shift to be show | 1.1.System show schedule division menus  2.1. System show list license movie has added by external department  3.1. System show detail information of specific movies  3.2. System prompt schedule movie date to be show  4.1. System creates movie date to be show  4.2. System prompt time movie shift to be show  5.1 System creates time movie shift to be show  5.2 System validate movie shift to be show  5.3 System associates movie data with date and time to be show |
| Exception conditions: | 2.1 Movie name is empty  3.1 Movie rate is negative  4.1 Movie overview is empty  5.1 Movie poster is blank | |

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| Use case name: | *Input advertisement to the movie* | |
| Scenario: | The advertisement inputted will show in the movie break and before movie start | |
| Trigger event: | Customer want to watch favourite movie in movie theatre | |
| Brief description: | Operation division staff input appropriate advertisement for every movie has scheduled | |
| Actors: | Operation division department | |
| Related use cases: | Create company revenue report | |
| Stakeholders: | Accounting & financing department, External department | |
| Preconditions: | Advertisement name must available  Advertisement duration must available  Advertisement company must available | |
| Postconditions: | Advertisement name saved  Advertisement duration saved  Advertisement company saved | |
| Flow of activities: | Actor | System |
| 1. Staff indicates desire to add advertisement in the movie break  2. Staff input advertisement name  3. Staff input advertisement duration  4. Staff input advertisement date will be show  5. Staff input advertisement status | 1.1 System show advertisement showing form  1.2 System prompt advertisement name  2.1 System creates advertisement name  2.2 System prompt advertisement duration  3.1 System creates advertisement duration  3.2 System prompt advertisement video link to be showed  4.1 System creates advertisement date will be show  4.2 System prompt advertisement status  5.1 System generate advertisement status  5.2 System queue the advertisement |
| Exception conditions: | 2.1 advertisement name is empty  3.1 advertisement duration is empty  3.1 advertisement duration is negative number  3.1 advertisement duration exceeds than 20 minutes | |

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| Use case name: | *Input promo data* | |
| Scenario: | Promotion department staff analyze sales transaction to decide promo for future | |
| Trigger event: | Company want get more revenue from sales transaction | |
| Brief description: | Promotion department staff create new promo for every food transaction or ticket transaction based on past sales transaction data. | |
| Actors: | Promotion department staff | |
| Related use cases: | Create company revenue report | |
| Stakeholders: | Finance department, front office department staff, front office café department | |
| Preconditions: | Sales transaction must be available  Purchase supply transaction must be available  Approval fund request must be available | |
| Postconditions: | Promo must be saved  Promo schedule must be saved | |
| Flow of activities: | Actor | System |
| 1. staff desire create promo  2. Staff fill promo title  3. Staff fill promo type  4. Staff input promo valid for product item in company  5. Staff attach promo poster  6. Staff fill promo schedule  7. Staff fill promo time countdown | 1.1 System prompt for promo title  2.1 System prompt promo type (food & beverages, movie ticket)  3.1 System validate promo type (food & beverages, movie ticket)  3.2 System prompt attach promo poster  4.1 System creates promo valid for product item  4.2 System prompt promo poster  5.1 System creates promo schedule  5.2 System prompt promo schedule  6.1 System creates promo schedule  6.2 System prompt promo schedule  7.1 System creates promo time countdown  7.2 System validate new add promo data |
| Exception conditions: | 1. promo scheduled in the past of current date  2. promo type did not same with food & beverages or movie ticket  3. countdown data filled in negative number  4. every prompt still empty | |

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| Use case name: | *Send result fund request* | |
| Scenario: | Accounting &finance staff send result of fund request from each department available in movies company | |
| Trigger event: | Get fund to fulfil department requirement | |
| Brief description: | Accounting & finance staff validate and send the fund request status and information to each department | |
| Actors: | Finance & accounting staff | |
| Related use cases: | Invoked by send fund request | |
| Stakeholders: | Manager | |
| Preconditions: | Department name must available  Total fund request must available  Requirement list must available | |
| Postconditions: | Status of fund request send  Agree amount of money send | |
| Flow of activities: | Actor | System |
| 1. Staff indicates desire input the result of fund request  2. Staff input department name  3. Staff input amount of money  4. Staff reason decline fund request  5. Staff input the explanation of fund result | 1.1 System show the form to fill by Accounting department staff  1.2 System prompt department name  2.1 System creates department name  2.2 System prompt amount of money agreed  3.1 System creates amount of money  3.2 System prompt reason decline fund request  4.1 System creates reason decline request  4.2 System prompt brief explanation fund request  5.1 System creates explanation fund result  5.2 System associate the data of fund result  5.3 System send fund result to specific department |
| Exception conditions: | 1.2 Department name is empty  2.2 Money representative in negative number | |

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| Use case name: | *Create warning letter* | |
| Scenario: | Human resource staff create warning letter for the employee who commit an offense | |
| Trigger event: | Employee commit medium offense or high offense | |
| Brief description: | Human resource staff create warning letter by entering basic information of staff, input the type offense, brief explanation of the offense, date and time staff doing the offense | |
| Actors: | Human Resource Department | |
| Related use cases: | Invoked by delete staff data | |
| Stakeholders: | Manager, Finance & account department | |
| Preconditions: | Type offense must be available  Date and time must be available  Brief explanation of offense must be available  Basic information of staff must be available | |
| Postconditions: | Issued warning letter calculated and add with current warning letter  Basic information created  Date and time staff doing offense saved  Brief explanation of offense saved  Date and time staff doing offense, brief explanation and type offense associated with staff | |
| Flow of activities: | Actor | System |
| 1. Human resource staff decide to create warning letter for offense staff  2. Human Resource Staff input offense name  3. Human resource staff input detail staff name who doing offense  4. Human resource staff input staff age who doing offense  5. Staff input date and time of staff doing the offense  6. Staff input brief explanation of offense | 1.1 System show warning letter form for specific staff  1.2 System prompt offense name  2.1 System creates staff offense name  2.2 System prompt staff name  3.1 System creates staff name of offense  3.2 System prompt staff age of offense  4.1 System creates staff age of offense  4.2 System prompt Date of staff doing the offense  5.1 System saved date and time of staff doing offense  5.2 System prompt brief explanation of offense  6.1 System creates brief explanation of offense  6.2 System verifies basic staff information |
| Exception conditions: | 2.1 staff name offense is empty  3.1 age representative with negative number  4.1 date and time fill with past | |

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| Use case name: | *Submit personal leave request* | |
| Scenario: | Employee has leave allowance want to get his personal leave by submit his personal leave form | |
| Trigger event: | Employee request to leave from company with input the reason | |
| Brief description: | Employee fill request leave form with the reason. | |
| Actors: | Employee | |
| Related use cases: | Update status of employee to leave | |
| Stakeholders: | Human Resource Department | |
| Preconditions: | Employee leave allowance is available  Employee choose schedule not in the past  The reason must be available | |
| Postconditions: | Leave allowance created  Leave start schedule created  Employee leave reason saved  The leave duration created | |
| Flow of activities: | Actor | System |
| 1. Staff indicate deciding submit personal leave request  2. Staff input staff name  3. Staff input department name  4. Staff input start schedule leave  5. Staff input leave duration days  6. Staff input reason leave | 1.1 System show personal leave request form for employee  1.2 System prompt staff name  2.1 System creates staff name  2.2 System prompt start schedule leave  3.1 System creates department name  3.2 System prompt schedule leave  4.1 System creates start schedule leave  4.2 System prompt leave duration days  5.1 System creates leave duration  5.2 System prompt staff reason leave  6.1 System creates reason leave  6.2 System associate staff name, start schedule leave, leave duration, reason leave  6.2 System return personal leave request |
| Exception conditions: | 2.1 Staff name is empty  3.1 start schedule leave set up in the past  4.1 leave duration set up in the negative number  5.1 reason leave is empty | |

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| Use case name: | *Add new facilities and equipment* | |
| Scenario: | Storage department staff add facilities and equipment based on company requirement | |
| Trigger event: | Staff view facilities and equipment requirement for the company | |
| Brief description: | Storage department staff add new facilities and equipment by entering and view facilities product name and the function of facilities and equipment | |
| Actors: | Storage department Staff | |
| Related use cases: | Invoked by view facilities and equipment | |
| Stakeholders: | Accounting & finance department | |
| Preconditions: | Facilities and equipment status was empty  Facilities and equipment status was broken  Request fund to the accounting department has approved | |
| Postconditions: | The request purchasing facilities funding send to accounting division | |
| Flow of activities: | Actor | System |
| 1. Staff indicates decide add new facilities and equipment to company  2. Staff input facilities name  3. Staff input facilities price  4. Staff input quantity facilities | 1.1 System show add new facilities and equipment form  1.2 System prompt facilities name  2.1 System created facilities name  2.2 System prompt facilities price  3.1 System created facilities price  3.2 System prompt facilities quantity  4.1 System created quantity facilities  4.2 System generate status of facilities  4.3 System generate new facilities to borrow list |
| Exception conditions: | 2.1 facilities name is empty  3.1 facilities price is not number  3.1 facilities price is negative number  3.1 facilities price is empty  4.1 quantity is not number  4.1 quantity is negative number  4.1 quantity is empty | |

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| Use case name: | *Create movie ticket* | |
| Scenario: | Front office division staff create a movie ticket based on customer movie order | |
| Trigger event: | Customer wants watch movies with good rate | |
| Brief description: | Front office staff hold on straight customer order for watching good movies. Staff create ticket based on customer movie and quantity order. | |
| Actors: | Front office division staff | |
| Related use cases: | Invoked by create company revenue report | |
| Stakeholders: | Accounting & financing department, Manager, Promotion department | |
| Preconditions: | Movies must be available  Seat must be available  Customer fund must be sufficient and available | |
| Postconditions: | Movie ticket must be created  Customer Fund must be recorded  Movie seat must be booked | |
| Flow of activities: | Actor | System |
| 1. Front office staff indicates desire input customer movie order  2. Front office staff input movie title  3. Staff input customer name  4. Staff input date customer will be watch movie by schedule  5. Staff input customer watching shift time  6. Staff input quantity buy of ticket  7. Staff input type of movies ticket  8. Staff input customer seat movies position | 1.1 System show movie order form  1.2 System prompt for movie title  2.1 System create customer movie title  2.2 System prompt customer name  3.1 System create customer name  3.2 System prompt watch movie date  4.1 System create watch movie date  4.2 System prompt quantity buy of ticket  5.1 System creates watching shift time  5.2 System prompt quantity ticket  6.1 System create quantity buy of ticket  6.2 System prompt customer type movie ticket  7.1 System creates customer movie type ticket  7.2 System prompt seat movies position  8.1 System create seat movies ticket  8.2 System validate customer fund with total price  8.3 System generate total price of ticket  8.4 System create customer movie ticket |
| Exception conditions: | 8.2 Customer account payment not valid  1.1 Movie order form component is not complete  5.1 Quantity of ticket is negative number  4.1 Playing movie date is not valid | |

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| Use case name: | *Record order food & and beverages of customer* | |
| Scenario: | Customer come to café locate in the movie company then order foods and beverages. Staff will record every detail order of the customer | |
| Trigger event: | Customer notify staff the list order of food and beverages | |
| Brief description: | Front office café staff input every data of foods and beverages based on customer order. The order will be send to kitchen division | |
| Actors: | Front office café department staff | |
| Related use cases: | Invoked by receipt order food and beverages | |
| Stakeholders: | Manager, Promotion department, Accounting & finance department | |
| Preconditions: | The food supply material must be available  Customer payment fund must be available | |
| Postconditions: | Order food must be saved  Status order must be saved | |
| Flow of activities: | Actor | System |
| 1. Staff input basic information food & beverages based on customer order 2. Staff input quantity for every order based on customer demand 3. Staff input customer name 4. Staff input customer dine type | 1.1. Systems saved customer order  1.2. Systems prompt quantity for every customer order   * 1. System saved quantity order   2. System calculate total price of the order   3. System prompt customer name   3.1. System creates customer name  3.2. System prompt customer dine type  4.1.System saved customer dine type  4.2. System saved total price and payment transaction status |
| Exception conditions: | * 1. Inputted food did not available in the list   3.1 Payment account not valid | |