Use Cases

for

Touch cinema Ticket Booking System

Version 1.0 approved

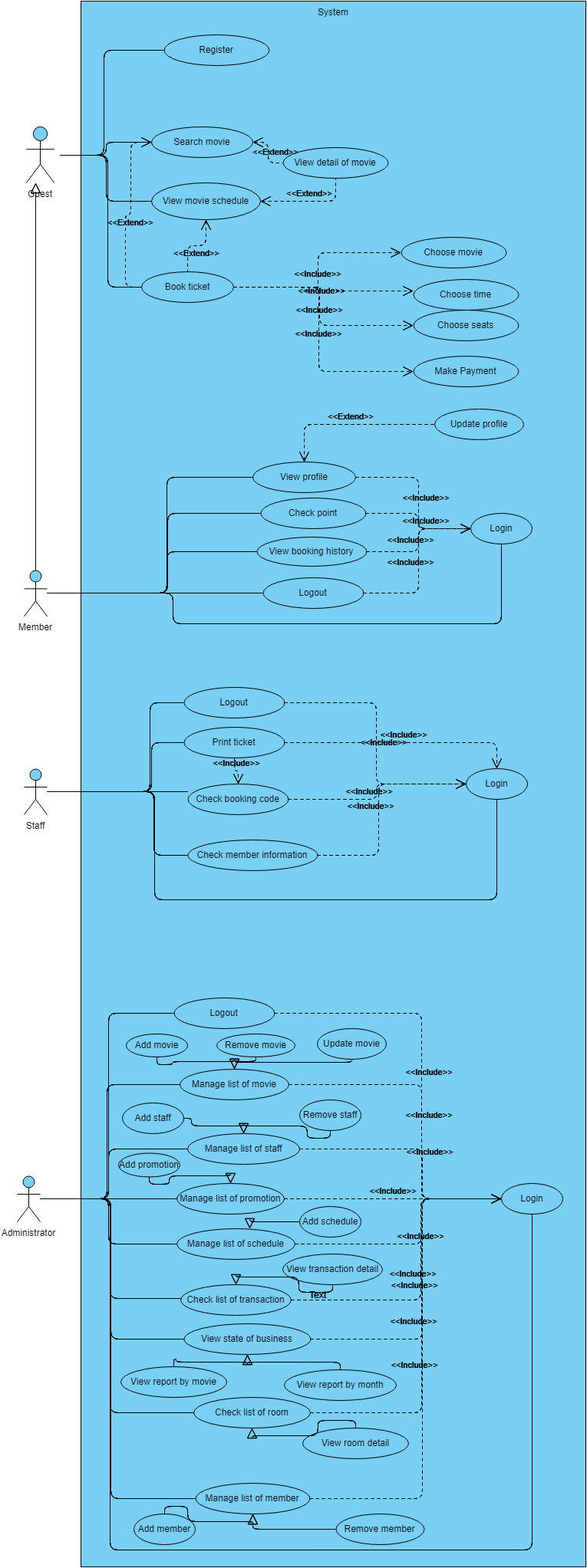
Prepared by Nguyen Duy Dat, Bui Trung Hieu, Le Minh Huy

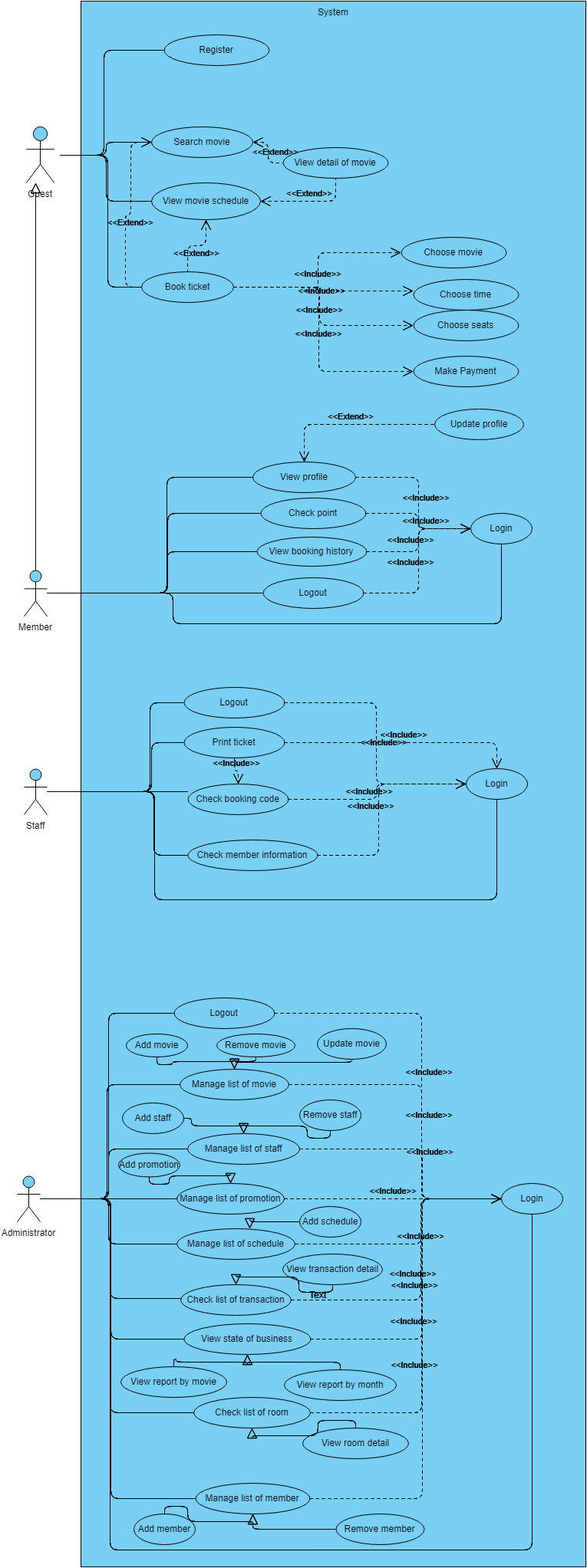
Process Impact

June 6, 2018

Revision History

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
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Use Case List

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| Primary Actor | Use Cases |
| Guest | 1. Register 2. Search movie 3. View movie schedule 4. View detail of movie 5. Book ticket |
| Member | 1. Login 2. View profile 3. Update profile 4. Check point 5. View booking history 6. Search movie 7. View movie schedule 8. View detail of movie 9. Book ticket 10. Logout |
| Staff | 1. Login 2. Check booking code 3. Print ticket 4. Check member information 5. Logout |
| Admin | 1. Login 2. Add new movie 3. Update movie 4. Remove movie 5. Add new staff 6. Remove staff 7. Add promotion 8. Add schedule 9. View transaction detail 10. View report by movie 11. View report by month 12. View room detail 13. Add new member 14. Remove member 15. Logout |

Use Case Description

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| --- | --- | --- | --- |
| UC ID and Name: | UC-1 Guest Register | | |
| Created By: | Bui Trung Hieu | Date Created: | 06/06/2018 |
| Primary Actor: | Guest | Secondary Actors: | None |
| Trigger: | When Guest clicks “Register” button | | |
| Description: | Guest wants to create an account to use features of Touch Cinema Ticket Booking Online. | | |
| Preconditions: | PRE-1: Guest is accessed to the System’s Sign up Page  PRE-2: Guest fills the information | | |
| Postconditions: | POST-1: The information is stored into the System’s database  POST-2: Guest is redirected to Log in Page | | |
| Normal Flow: | 1. Register a Single Account   1. Guest presses the Sign up button  2. The System display the textboxes needed to be filled in Sign up Page  3. Guest fills in all textboxes  4. Guest presses the Register button  5. The System informs Guest that registration is completed  6. Guest is redirected to Log in Page | | |
| Alternative Flows: | None | | |
| Exceptions: | 1. E1 Guest leaves a textbox blank   1. The System informs Guest that textbox have to be filled  1.0E2 Guest confirms password wrong  1. The System informs Guest to reconfirm the password | | |
| Priority: | High | | |
| Business Rules: |  | | |
| Other Information: | Expect high frequency of executing this case within first 3 months after the System is released | | |
| Assumptions: |  | | |

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| UC ID and Name: | UC-2 Guest Search movie | | |
| Created By: | Bui Trung Hieu | Date Created: | 06/06/2018 |
| Primary Actor: | Guest | Secondary Actors: | Member |
| Trigger: | When Guest clicks “Search” button | | |
| Description: | Guest wants to search a movie or a list of movies | | |
| Preconditions: | PRE-1: Guest is accessed to the System’s Home Page | | |
| Postconditions: | POST-1: Guest is redirected to Result Page  POST-2: The System shows the result in Result Page | | |
| Normal Flow: | 1. Search a movie   1. Guest fills the information and press “Search” button  2. The System gets the result form the database  3. Guest is redirected to Result Page  4. The System shows Guest the result | | |
| Alternative Flows: | None | | |
| Exceptions: | 1. E1 Guest leaves a textbox blank   1. The System informs Guest that textbox have to be filled | | |
| Priority: | High | | |
| Business Rules: |  | | |
| Other Information: |  | | |
| Assumptions: |  | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC-3 Guest View movie Schedule | | |
| Created By: | Bui Trung Hieu | Date Created: | 06/06/2018 |
| Primary Actor: | Guest | Secondary Actors: | Member |
| Trigger: | When Guest asks for a movie’s schedule | | |
| Description: | Guest wants to know about the schedule of a movie | | |
| Preconditions: | PRE-1: Guest is accessed to the System’s Home Page | | |
| Postconditions: | POST-1: The System shows the schedule of the movie that Guest requests | | |
| Normal Flow: | 1. View movie schedule   1. Guest accesses to the Home Page  2. Guest presses a movie image/icon/link/text  3. System shows a schedule of that movie to Guest | | |
| Alternative Flows: | None | | |
| Exceptions: | None | | |
| Priority: | Average | | |
| Business Rules: |  | | |
| Other Information: |  | | |
| Assumptions: |  | | |
| Frequency of Use: | Approximately 300 users, average of one usage per day. Peak usage load for this use case is between 5:00 P.M. and 12:00 P.M. local time. | | |

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| UC ID and Name: | UC-4 Guest Book Ticket | | |
| Created By: | Bui Trung Hieu | Date Created: | 06/06/2018 |
| Primary Actor: | Guest | Secondary Actors: | Member |
| Trigger: | When Guest clicks “Book a ticket” button | | |
| Description: | Guest wants to book a ticket for a seat fo watching the movie | | |
| Preconditions: | PRE-1: Guest is accessed to the System’s Home Page  PRE-2: Guest clicks a movie  PRE-3: Guest click “Book a ticket” button | | |
| Postconditions: | POST-1: The information of ticket book is stored in the database with the staus “Booked”  POST-2: The System generates a code of the ticket  POST-3: The System shows the code to Guest | | |
| Normal Flow: | 1. Book a ticket   1. Guest accesses to the Home Page  2. Guest presses a movie image/icon/link/text  3. System shows a schedule of that movie to Guest  4. Guest presses “Book a ticket” button  5. Guest fills the information  6. The System saves the information into database after Guest finishes filling  7. The System generate a code of the ticket  8. The System show the code to Guest | | |
| Alternative Flows: | None | | |
| Exceptions: | 4.0 E1 Guess has already booked that ticket | | |
| Priority: | Very High | | |
| Business Rules: |  | | |
| Other Information: |  | | |
| Assumptions: |  | | |
| Frequency of Use: | Approximately 500 users, average of hundred usage per day. Peak usage load for this use case is between 10:00 A.M. and 12:00 P.M. local time. | | |

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| UC ID and Name: | UC-5 Member View profile | | |
| Created By: | Bui Trung Hieu | Date Created: | 06/06/2018 |
| Primary Actor: | Member | Secondary Actors: | None |
| Trigger: | When Guest clicks “View profile” button | | |
| Description: | Member wants to view his/her profile | | |
| Preconditions: | PRE-1: Member is logged into the System | | |
| Postconditions: | POST-1: System gets the information of the Member  POST-2: System shows the information | | |
| Normal Flow: | 1. View the profile   1. Member logs into the System  2. Member press “View profile” button  3. System gets the information of the Member  4. System shows the information | | |
| Alternative Flows: | None | | |
| Exceptions: |  | | |
| Priority: | Low Average | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: |  | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC-6 Member Update profile | | |
| Created By: | Bui Trung Hieu | Date Created: | 06/06/2018 |
| Primary Actor: | Member | Secondary Actors: | None |
| Trigger: | When Guest clicks “Save changes” button | | |
| Description: | Guest wants to update the account’s information | | |
| Preconditions: | PRE-1: Member is logged into the System  PRE-2: Member views the profile | | |
| Postconditions: | POST-1: The information is updated in the database  POST-2: The System informs Member that the profile update is completed | | |
| Normal Flow: | 1. Update profile   1. Member logs into the System  2. Member press “View profile” button  3. System gets the information of the Member  4. System shows the information  5. Member changes the profile information  6. The information is updated in the database  7. The System informs Member that the profile update is completed | | |
| Alternative Flows: | None | | |
| Exceptions: | None | | |
| Priority: | High Average | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: |  | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC-7 Member Check Point | | |
| Created By: | Bui Trung Hieu | Date Created: | 06/06/2018 |
| Primary Actor: | Member | Secondary Actors: | None |
| Trigger: | When Guest clicks “Check points” button | | |
| Description: | Guest wants to check points | | |
| Preconditions: | PRE-1: Member is logged into the System | | |
| Postconditions: | POST-1: System gets the information of the Member  POST-2: System shows the information | | |
| Normal Flow: | 1. Check points   1. Member logs into the System  2. Member press “View profile” button  3. System gets the information of the Member  4. System shows the information | | |
| Alternative Flows: | None | | |
| Exceptions: | None | | |
| Priority: | Average | | |
| Business Rules: |  | | |
| Other Information: | Expect high frequency of executing this case after the System is released | | |
| Assumptions: |  | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC-8 Member View booking history | | |
| Created By: | Bui Trung Hieu | Date Created: | 06/06/2018 |
| Primary Actor: | Member | Secondary Actors: | None |
| Trigger: | When Guest clicks “View booking history” button | | |
| Description: | Guest wants to view the history of ticket booking | | |
| Preconditions: | PRE-1: Member is logged into the System | | |
| Postconditions: | POST-1: System gets the information of the Member  POST-2: System shows the information | | |
| Normal Flow: | 1. View booking history   1. Member logs into the System  2. Member press “View profile” button  3. System gets the information of the Member  4. System shows the information | | |
| Alternative Flows: | None | | |
| Exceptions: | None | | |
| Priority: | Average | | |
| Business Rules: |  | | |
| Other Information: | Expect high frequency of executing this case after the System is released | | |
| Assumptions: |  | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC-9 Member Logout | | |
| Created By: | Bui Trung Hieu | Date Created: | 06/06/2018 |
| Primary Actor: | Member | Secondary Actors: | None |
| Trigger: | When Guest clicks “Logout” button | | |
| Description: | Guest wants to log out | | |
| Preconditions: | PRE-1: Member is logged into the System | | |
| Postconditions: | None | | |
| Normal Flow: | 1. Log out   1.Member presses “Log out” button  2.Member is redirected to Home Page | | |
| Alternative Flows: | None | | |
| Exceptions: |  | | |
| Priority: | Average | | |
| Business Rules: |  | | |
| Other Information: |  | | |
| Assumptions: |  | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC16- Staff login | | |
| Created By: | Nguyen Duy Dat | Date Created: | 6/6/18 |
| Primary Actor: | Staff | Secondary Actors: |  |
| Trigger: | A staff want to login to his/her workspace | | |
| Description: | A staff need to login into the system in order to start his/her workspace. To login, he/she has to enter valid username and password. | | |
| Preconditions: | PRE-1. Staff has a valid account with role staff | | |
| Postconditions: | POS-1. The workspace is available for the staff  POS-2. The username of the staff is printed on the top-left corner | | |
| Normal Flow: | 1. Login 2. Enter the website address 3. Press login button 4. Enter username and password 5. Press login | | |
| Alternative Flows: | N/A | | |
| Exceptions: | E1. The username and password are valid but that account has been deactivated | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 30 users, average of one usage per day. Peak usage load for this use case is between 8:00 A.M. and 9:00 A.M. local time. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | Assume that 100 percent of Staff will login daily | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC17- Check booking ticket | | |
| Created By: | Nguyen Duy Dat | Date Created: | 6/6/18 |
| Primary Actor: | Staff | Secondary Actors: | Guest/ Member |
| Trigger: | A guest/member require the staff to print tickets with the code | | |
| Description: | The staff enter booking code, and check if the code is valid | | |
| Preconditions: | PRE-1. Staff is logged into the System. | | |
| Postconditions: | POS-1. The validation of the code is displayed  POS-2. The “Print” ticket is showed if the code is valid | | |
| Normal Flow: | 1. Check a single code 2. The staff choose “Check booking code” function 3. The staff enter the booking code and press check button 4. The staff view the validation of the code | | |
| Alternative Flows: | N/A | | |
| Exceptions: | E1. The booking code is duplicated with another | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 30 users, average of one usage per day. Peak usage load for this use case is between 5:00 P.M. and 10:00 P.M. local time. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | Assume that 87 percent of Staff will login daily | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC18- Print ticket | | |
| Created By: | Nguyen Duy Dat | Date Created: | 6/6/18 |
| Primary Actor: | Staff | Secondary Actors: | Guest/ Member |
| Trigger: | A guest/member require the staff to print tickets with the code | | |
| Description: | The staff enter booking code, and check if the code is valid. If the booking code is valid, the staff would print the tickets. | | |
| Preconditions: | PRE-1. Staff is logged into the System.  PRE-2. The booking code is valid. | | |
| Postconditions: | N/A | | |
| Normal Flow: | 1. Print a code containing 1 ticket 2. The staff choose “Check booking code” function 3. The staff enter the booking code and press check button 4. The staff view the validation of the code | | |
| Alternative Flows: | N/A | | |
| Exceptions: | E1. The booking code is duplicated with another | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 30 users, average of one usage per day. Peak usage load for this use case is between 5:00 P.M. and 10:00 P.M. local time. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | Assume that 87 percent of Staff will login daily | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC19- Check member information | | |
| Created By: | Nguyen Duy Dat | Date Created: | 12/5/18 |
| Primary Actor: | Staff | Secondary Actors: | Member |
| Trigger: | A member asks the staff to check his/her information and point | | |
| Description: | The staff enter member username/email/phone, and view the detail of that member. | | |
| Preconditions: | PRE-1. Staff is logged into the System. | | |
| Postconditions: | POST-1. A table of member’s detail is showed | | |
| Normal Flow: | 1. Check member information 2. The staff choose “Check member information” function 3. The staff enter the information provided by the member 4. The staff view the detail of member | | |
| Alternative Flows: | None | | |
| Exceptions: | E1. The member doesn’t exist  E2. The member exists but is deactivated | | |
| Priority: | Low | | |
| Frequency of Use: | Not very frequency, approximately 10 users, average of one usage per day. | | |
| Business Rules: |  | | |
| Other Information: | The member wants to update information. | | |
| Assumptions: | Assume that 13 percent of Staff will login daily | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC20- Staff logout | | |
| Created By: | Nguyen Duy Dat | Date Created: | 12/5/18 |
| Primary Actor: | Staff | Secondary Actors: |  |
| Trigger: | The staff want to logout after their work to keep security. | | |
| Description: | The staff press logout button. | | |
| Preconditions: | PRE-1. Staff is logged into the System. | | |
| Postconditions: | POST-1. The login function is shown | | |
| Normal Flow: | 1. Logout function 2. The staff press logout button | | |
| Alternative Flows: | None | | |
| Exceptions: | None | | |
| Priority: | High | | |
| Frequency of Use: | Very frequency, approximately 100 users, average of one usage per day. Peak usage load for this use case is between 10:00 P.M. and 11:00 P.M. local time. | | |
| Business Rules: |  | | |
| Other Information: | None | | |
| Assumptions: | Assume that 87 percent of Staff will login daily | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC21-Login | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to login to the system. | | |
| Preconditions: | 1. Admin must have already logged out. 2. Admin must be available in DB. | | |
| Postconditions: | N/A | | |
| Normal Flow: | Admin access the specific page for them  Enter username  Enter password  Click on the Login button | | |
| Alternative Flows: | N/A | | |
| Exceptions: | Admin’s username is not available | | |
| Priority: | High | | |
| Frequency of Use: | When needed | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to log in at the same time. | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC22-Add new movie | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to add 1 or more movies to the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | 1. Movie ID must not duplicated. 2. Fill all the required field. | | |
| Normal Flow: | 1. Admin log in 2. Click on the add new movie button 3. Fill all the required fields 4. Click on the Confirm button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | MovieID duplicated | | |
| Priority: | Medium | | |
| Frequency of Use: | Once or twice every week. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to add movies at the same time. | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC24-Remove movie | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to remove 1 or more movies from the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | 1. Movie ID must be available. | | |
| Normal Flow: | 1. Admin log in 2. Click on the Remove movie button 3. Enter the MovieID. 4. Click on the Remove button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | MovieID must be available in the DB | | |
| Priority: | Medium | | |
| Frequency of Use: | Once or twice every week. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to remove movies at the same time. | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC23-Update movie | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to update 1 or more movies from the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | Movie ID must be available. | | |
| Normal Flow: | Admin log in  Click on the Update movie button  Enter the MovieID.  Enter field that need to update.  Click on the update button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | MovieID must be available in the DB | | |
| Priority: | Medium | | |
| Frequency of Use: | Once or twice every week. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to update movies at the same time. | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC25-Add new staff | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to add 1 or more staff to the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | 1. Staff ID must not duplicated. 2. Fill all the required field. | | |
| Normal Flow: | 1. Admin log in 2. Click on the add new staff button 3. Fill al the required fields 4. Click on the Confirm button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | StaffID duplicated | | |
| Priority: | Medium | | |
| Frequency of Use: | Once or twice every week. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to add staves at the same time. | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC26-Remove staff | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to remove 1 or more staves from the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | 1. Staff ID must be available. | | |
| Normal Flow: | 1. Admin log in 2. Click on the Remove staff button 3. Enter the staffID. 4. Click on the Remove button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | StaffID must be available in the DB | | |
| Priority: | Medium | | |
| Frequency of Use: | Once or twice every week. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to remove staves at the same time. | | |

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| UC ID and Name: | UC27-Add promotions | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to add 1 or more promotions to the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | 1. Promotion ID must not duplicated. 2. Fill all the required field. | | |
| Normal Flow: | 1. Admin log in 2. Click on the add new promotion button 3. Fill al the required fields 4. Click on the Confirm button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | Promotion ID duplicated | | |
| Priority: | Medium | | |
| Frequency of Use: | Once or twice every week. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to add promotions at the same time. | | |

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| UC ID and Name: | UC28-Add schedule | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to add 1 or more schedules to the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | 1. Schedule ID must not duplicated. 2. Fill all the required field. | | |
| Normal Flow: | 1. Admin log in 2. Click on the add new schedule button 3. Fill al the required fields 4. Click on the Confirm button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | Schedule ID duplicated | | |
| Priority: | Medium | | |
| Frequency of Use: | Once or twice every week. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to add schedule at the same time. | | |

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| UC ID and Name: | UC29-View transaction detail | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to view 1 or more transaction from the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | Transaction ID available. | | |
| Normal Flow: | Admin log in  Click on the view transaction button  Enter transaction ID  Click Confirm button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | Transaction ID duplicated | | |
| Priority: | Medium | | |
| Frequency of Use: | Once or twice every week. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to view transaction at the same time. | | |

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| --- | --- | --- | --- |
| UC ID and Name: | UC30- View report by movie | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to view 1 or more movie’s report from the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | Movie ID available. | | |
| Normal Flow: | Admin log in  Click on the view Report by Movie button  Enter movie ID  Click Confirm button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | movie ID not available. | | |
| Priority: | Medium | | |
| Frequency of Use: | Once or twice every week. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to view movie’s report at the same time. | | |

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| UC ID and Name: | UC31-View monthly report | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to view 1 or more monthly report from the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | Month must be available. | | |
| Normal Flow: | Admin log in  Click on the view Report by Month button  Enter Month  Click Confirm button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | Month is not available | | |
| Priority: | Medium | | |
| Frequency of Use: | Once or twice every week. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to view monthly report at the same time. | | |

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| UC ID and Name: | UC32-View room Detail | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to view 1 or more room detail from the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | RoomID must be available. | | |
| Normal Flow: | Admin log in  Click on the view room detail button  Enter room ID  Click Confirm button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | RoomID is not available | | |
| Priority: | Medium | | |
| Frequency of Use: | Once or twice every week. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to view Room detail at the same time. | | |

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| UC ID and Name: | UC33- Add new member | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to add 1 or more member to the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | MemberID must be available. | | |
| Normal Flow: | Admin log in   1. Click on the Add member button 2. Fill all required fields 3. Click Confirm button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | MemberID is already in DB | | |
| Priority: | Medium | | |
| Frequency of Use: | When needed | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to add new members at the same time. | | |

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| UC ID and Name: | UC34-Remove member | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to remove 1 or more members from the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | MemberID must be available. | | |
| Normal Flow: | Admin log in   1. Click on Remove member button 2. Enter MemberID 3. Click Confirm button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | MemberID is not available | | |
| Priority: | Medium | | |
| Frequency of Use: | When needed | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish remove members at the same time. | | |

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| UC ID and Name: | UC35-Admin Logout | | |
| Created By: | Le Minh Huy | Date Created: | 6/6/2018 |
| Primary Actor: | Administrator | Secondary Actors: |  |
| Trigger: | Administrator | | |
| Description: | Admin wish to logout of the system. | | |
| Preconditions: | 1. Admin must have already logged in. | | |
| Postconditions: | 1. N/A | | |
| Normal Flow: | 1. Admin logged in 2. Look for the logout button. 3. Press the logout button. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | Medium | | |
| Frequency of Use: | Once every week. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | There are 2 admins wish to log out at the same time. | | |