Team 8 Weizhao Li & Peiyao Teng

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| ID | Use Case 1 |
| Title | Moderator creates a movie watcher’s group |
| Description | Moderator set up a group, allow other people to join in. |
| Pre-Conditions | Moderator must log in to the system. |
| Post-Conditions | Success: set up a group.  Fail: A prompt window showcases failure. |
| Steps | 1. Select create a group 2. The system displays the Create A Group screen 3. The Moderator enters the group name 4. The Moderator selects Submit 5. The system verifies. 6. System updates information. |

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| ID | Use Case 2 |
| Title | Moderator invites people to join. |
| Description | Moderator selects the friends, sends the invitation to friends, invites friends to join. |
| Pre-Conditions | Moderator must complete creating the group. |
| Post-Conditions | Success: The friend receives the invitation message, and join successfully.  Fail: A prompt window showcases failure. |
| Steps | 1. The Moderator Selects invite button 2. The System display invite screen 3. The Moderator enter the list of user IDs(may email or phone number) 4. The Moderator selects Submit 5. The system verifies. 6. The invitation status is pending. |

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| ID | Use Case 3 |
| Title | Moderator allows people to join. |
| Description | Someone else wants to join the group without invitation. Moderator can confirm or reject their request. |
| Pre-Conditions | Moderator must set up a group. Someone else without the invitation request to join. |
| Post-Conditions | Success: Moderator confirms and allows to join.  Fail: A prompt window showcases failure. |
| Steps | 1. The Participant select Join 2. The System displays the existing groups 3. The participant selects the groups and Submit 4. The moderator’s system displays the application 5. The moderator confirms or rejects. 6. The System updates information |

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| ID | Use Case 4 |
| Title | Moderator allows people to unsubscribe. |
| Description | Someone wants to quit the group, request to quit the group, the moderator allows people to unsubscribe |
| Pre-Conditions | The people who want to quit must be in the group. |
| Post-Conditions | Success: The people quit successfully, the system removes this person.  Fail: A prompt window showcases failure. |
| Steps | 1. The Participant select the group and Unsubscribe 2. The System updates information |

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| ID | Use Case 5 |
| Title | Populate movie watcher’s groups with a list of potential movies |
| Description | Fetch the movies from the API based on the genre and showcase them in the group. |
| Pre-Conditions | Must have an available API. The participants must come up with a genre of movies. |
| Post-Conditions | Success: Showcases them successfully.  Fail: A prompt window showcases failure (perhaps networks requesting failure). |
| Steps | 1. The Moderator gets the genre came up with by the group. 2. The Moderator get the list of specific Genre of movies from API 3. The Moderator populate the list of movies to the group |

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| ID | Use Case 6 |
| Title | Create a movie-watching event |
| Description | Create a movie-watching event that will occur in the specified date and time defined by the moderator. |
| Pre-Conditions | The date and time must be after the current date and time. Need a specific date and a specific time, a place, and a movie. |
| Post-Conditions | Success: Create an event successfully.  Fail: A prompt window showcases failure. |
| Steps | 1. The moderator select Create Event 2. The system display the calendar 3. The moderator select time and date 4. The moderator enter the details such as movie name and place, then submit 5. The system update information |

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| ID | Use Case 7 |
| Title | Open and close a voting period for a specific movie-watching event |
| Description | Set up a period of time that allows people to vote. Beyond this period, people cannot vote.  The moderator can open and end up voting. |
| Pre-Conditions | Define a period of time. |
| Post-Conditions | Success: Open and close the voting successfully.  Fail: A prompt window showcases failure. |
| Steps | 1. The moderator select Create the Vote. 2. The system displays the calendar 3. The moderator selects the start and end time. 4. The moderator enter the details such as movie name and place, then submit 5. The system update information and close the voting when it expires |

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| ID | Use Case 8 |
| Title | Join the group |
| Description | Join by the invitation from the moderator or join by the request. |
| Pre-Conditions of case A (Join by invitation) | The invitation message has been sent. |
| Pre-Conditions of case B (Join by request) | The group ID should be known. |
| Post-Conditions | Success: Join successfully.  Fail: A prompt window showcases failure. |
| Case A (Join by invitation) | 1. The system displays the invitation and details 2. Participant accept or reject 3. If clicking the accept button, the system adds this person into the group. |
| Case B (Join by request) | 1. The participant clicks join by request to join a group. 2. The participant enters group ID and submits. 3. The system saves the information and sets as pending. 4. The moderator would see the request, and can confirm or reject it. 5. If confirmed, it will trigger the success case of post-condition. Otherwise, it will trigger the failure case of post-condition. |

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| ID | Use Case 9 |
| Title | Unsubscribe the group |
| Description | Participants unsubscribe the specific group |
| Pre-Conditions | The participant must be in the group. |
| Post-Conditions | Success: unsubscribe the group successfully.  Fail: A prompt window showcases failure. |
| Steps | 1. The Participant select the group and Unsubscribe 2. The System removes this person and updates information. |

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| ID | Use Case 10 |
| Title | Search and browse the movies |
| Description | Participants can search and view the movies populated by the moderator. |
| Pre-Conditions | The potential movies have been populated in the group. |
| Post-Conditions | Success: Search and view the movie successfully.  Fail: A prompt window showcases failure. |
| Steps | 1. Participant select Search Movies 2. The participant enters the movie name. 3. The system displays the result. 4. Participants view the information of the movie. |

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| ID | Use Case 11 |
| Title | Watch the trailer |
| Description | Participant can access to the links of trailers |
| Pre-Conditions | The API is available to connect. Should successfully fetch the links of the trailers. |
| Post-Conditions | Success: Access to the links of the trailers successfully.  Fail: A prompt window showcases failure. |
| Steps | 1. Participant select Trailer. 2. The system displays the link for each movie. 3. Participant click the link 4. Trigger the browser to open the link. |

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| ID | Use Case 12 |
| Title | View the movie reviews |
| Description | Participants can access the links of movie review |
| Pre-Conditions | The API is available to connect. Should successfully fetch the links of the movie reviews. |
| Post-Conditions | Success: Access to the links of the movie reviews successfully.  Fail: A prompt window showcases failure. |
| Steps | 1. Participant select Movie Review 2. The system displays the link of movie reviews for each movie. 3. Participant click the link 4. Trigger the browser to open the link. |

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| ID | Use Case 13 |
| Title | Notify a movie-watching event |
| Description | Participants can be notified of the event and can be notified to vote for the movie that they want to watch in the event. |
| Pre-Conditions | The movie-watching event has already been set up. The moderator has populated the movies in the group. |
| Post-Conditions | Success: Notify the participants that a movie-watching event has been set up. Notify the participants that they can start voting.  Fail: A prompt window showcases failure. |
| Steps | 1. System push notifications of the event to all participants in the group. 2. Participant open the notification 3. The system shows the details of voting. |

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| ID | Use Case 14 |
| Title | Cast their votes |
| Description | Participants can indicate what they want to watch |
| Pre-Conditions | The moderator has populated the movies. The moderator has set up the voting process. The date and time are within the voting period. |
| Post-Conditions | Success: Vote successfully.  Fail: A prompt window showcases failure. |
| Steps | 1. Participants see the notification of voting and open the notification. 2. The system shows the details of voting. 3. Participant selects the movie and Submit 4. System update information |

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| ID | Use Case 15 |
| Title | Keep the history |
| Description | The system keeps the history of movies watching events, votes, and winners. |
| Pre-Conditions | The participants complete the voting. The moderator closes the voting. |
| Post-Conditions | Success: Keep the results of all the information.  Fail: A prompt window showcases failure. |
| Steps | 1. The system records all the information into the database. |

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| ID | Use Case 16 |
| Title | Elect a single movie winner for a movie-watching event. |
| Description | The system selects the winner based on the voting result.(Not allow participants of a movie watching group to change their votes after they submit) |
| Pre-Conditions | The voting process is completed. |
| Post-Conditions | Success: Elect the winner successfully.  Fail: A prompt window showcases failure. |
| Steps | 1. The system records the voting results. 2. The system sorts the votation result and selects the winner 3. System record the winner into the database. |