

ENSF 612 Final Project – Use Case Scenarios

It was explained in class that ~2 scenarios per person in the group so we have created written scenarios for 8 of the most important use cases

Register Information:

John selects an option to "Become a Registered User" in the Movie Theater Ticket Registration App.

System provides input fields for the following information:

"First Name", "Last Name", "Birth Date", "Email (Username)" and "Password"

John enters the following information into these input fields:

"John", "Doe", "11/24/2000", "john.doe@ucalgary.ca", "easypassword123"

John selects the option to "Confirm and Register"

The system verifies that the email has not been used by another user and that all other input fields are valid.

The system moves on to a confirmation page that indicates successful registration and allows John to continue using the application.

Login:

John arrives at the Movie Theater Ticket Registration App.

The system displays options to "Become a Registered User", "Login" or "Continue as Guest".

John selects the "Login" option.

The system moves on to a credential entry page where the following information input fields are shown:

"Email (username)" and "password"

John enters the following information into the input fields:

"john.doe@ucalgary.ca" and "easypassword123"

John selects the "Confirm User Information" option

The system verifies that the information is a valid entry or shows error message "User not Found" if not.

The system moves on to the Application Landing page where there are several options such as “Search Movie”, “Search Theater”, “Cancellation” etc.

Select a Movie:

John has logged in as a registered user or continued as a guest.

The system moves John to a landing page where there are several options, including “Search Movie” which is an input field to type the movie title.

John types “Fall Guy” into the “Search Movie” input field.

John selects “Search” to complete his movie search entry.

The system moves on to a results page where the movie is shown if found or an error message “This movie could not be found”.

John clicks on the movie that was successfully found.

The system moves on to a theater selection page which will show which theaters are showing this movie.

Make Payment:

John selects the movie/theater/showtime/seat (ticket information) that he would like to purchase.

The system moves on to a confirmation and payment page where all the ticket information is displayed along with the ticket cost, followed by input fields for the payment. The payment input fields are as shown below:

“Credit/Debit”, “Name on Card”, “Card No.”, “Card Expiration Month”, “CSV”

John enters the following information into these input fields:

“Credit”, “John Doe”, “1234 5678 9012”, “01/2022”, “123”

John selects the option to “Confirm and Pay”

The system verifies that the card entered can complete the payment for this ticket and all input fields are valid.

The system moves on to a confirmation page that summarizes the ticket information (includes unique ticket ID for reference) along with the payment receipt.

Search a Theater:

John has logged in as a registered user or continued as a guest.

The system moves John to a landing page where there are several options, including "Search Theater" which is an input field to type the movie title.

John types "Crowfoot Crossing" into the "Search Theater" input field.

John selects "Search" to complete his movie search entry.

The system moves on to a results page where the theater is shown if found or an error message "This theater could not be found".

(John can select the successfully found theater to carry on from this point and find available movies at this theater).

Cancellation:

John has logged in as a registered user or continued as a guest.

The system moves John to a landing page where there are several options, including "Cancellation".

John selects the "Cancellation" option.

The system moves John to the cancellation page where an input field "Ticket ID" is shown.

John enters the unique "Ticket ID" that was provided upon his purchase of the ticket in this field.

John selects "Search" to complete the search of the ticket he'd like to cancel.

The system moves on to a results page where the ticket is shown if found or and error message "This ticket could not be found".

John selects the ticket that was successfully found.

The system moves on to a cancellation confirmation page where all the ticket details are shown along with any necessary cancellation messages.

John selects "Confirm Cancellation".

The system confirms that the ticket selected is not for a movie being played within 72 hours or else an error message will appear "Ticket cannot be cancelled".

The system moves to a cancellation summary page that displays a confirmation message of the ticket being cancelled along with a receipt for the refund.

Email Ticket and Receipt:

Jack has completed a movie ticket purchase and the system is on the confirmation page for this purchase.

Jack selects the option “Email Ticket and Receipt”.

The system checks if the user is logged in and sends email with ticket and receipt to the user if they are logged in as a registered user.

The system displays an “Email” input field if the user is a guest and prompts the email to be entered before sending ticket and receipt.

Jack (guest) enters “jack.jones@ucalgary.ca” into the “Email” input field.

The system confirms that this is a valid email and sends ticket and receipt information if valid or displays an error message “Email is Not Valid” otherwise.

The system displays a confirmation message “Ticket and Receipt Have Been Sent” along with the email that was entered.

View Graphically Available Seats:

John has selected the movie, theater and showtime for the movie he would like to see.

The system moves John to a seat selection page where a grid of seats is shown for the selected theater, available/unavailable seats are clearly shown.

John selects an available seat.

The system displays a summary of the movie, theater, showtime and seat number on the side and a “Confirm Selection” option is available.

John selects the “Confirm Selection” option.

The system moves on to a confirmation and payment page where the movie ticket information is shown and prompts for the payment information to be entered.

Noun

John
First Name
Last Name
Birth Date
Email/Username
Password
Movie
Theater
Fall Guy
Error Message
Showtime
Ticket
Credit/Debit
Name on Card
Card Expiration Month
CSV
Ticket ID
Payment
Crowfoot Crossing
Confirmation Message
Seat
Available

Filtering Decision

Candidate Object (Actor)
filtered (attribute of user)
filtered (attribute of user)
filtered (attribute of user)
filtered (attribute of user)
filtered (attribute of user)
Candidate Object
Candidate Object
Candidate Object
filtered (communication to user)
Candidate Object
Candidate Object
filtered (attribute of user)
filtered (attribute of user)
filtered (attribute of user)
filtered (attribute of user)
filtered (attribute of ticket)
Candidate Object
Candidate Object
filtered (communication to user)
Candidate Object
filtered (attribute of seat)