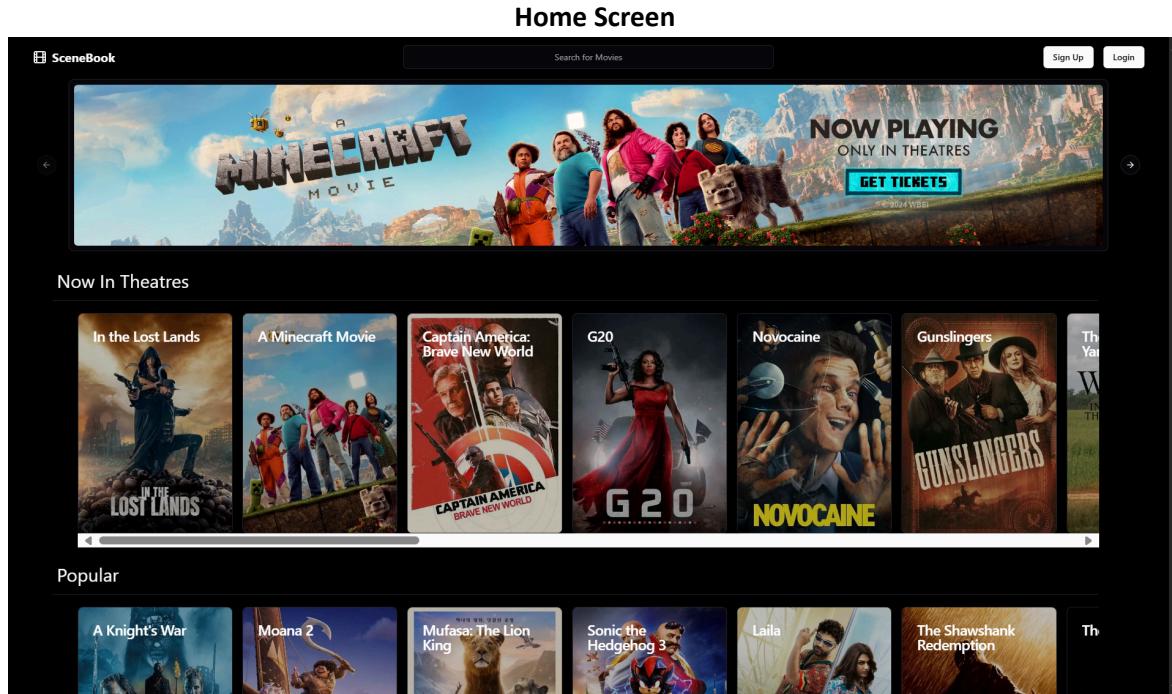


# User Guide

To run the project, refer to the <https://github.com/AhmedElshabasi/CPSC471W25Project.git>

Each of the following pages has:

- **Description:** An overview of all the features accessible from current page
- **Actions:** Any actions that user can take to navigate the page/features
- **Steps:** Any steps that must be followed for correct data input



**Description:** The above page is the screen which is available on <http://localhost:5173/> showing the vast catalog of movies, including “Now in Theatres”, “Popular”, “Top Rated”, and “Upcoming movies”. Note that upcoming movies may be blank given that many of the movies now in theatres are the same as upcoming movies. Each movie listing has their corresponding name and poster, and users can scroll using either the key buttons or their cursor. In the top right, users may signup or login (must be signed up before doing so), and users may search for any movies using their genre/name by typing in the search bar. Lastly, the page provides logged in users with the ability to add movie requests (in the top right), which upon approval will be added to the home screen for ticket booking.

**Actions:**

- **Signup:** Adds the ability for the user to book tickets, adding ratings, and payment settings
- **Login:** Adds the ability to log back into the profile to restore purchases, tickets, ratings, and payment
- **User Profile:** Once the user is logged in they may visit their profile by clicking on their avatar
- **Search:** Allows for users to search for any movie or genre
- **Logo:** Clicking the logo redirects back the home screen in any page

## Search Page

The screenshot shows a dark-themed movie search interface. At the top left is the "SceneBook" logo. In the center is a search bar containing the text "the". At the top right are "Sign Up" and "Login" buttons. Below the search bar, the text "Search Results for: the" is displayed. The results are presented in a grid of movie posters, arranged in three rows. Row 1: "In the Lost Lands", "The Woman in the Yard", "The Codes of War", "The Quiet Ones", "The Amateur", "The Passion of the Christ". Row 2: "Mufasa: The Lion King", "Sonic the Hedgehog 3", "The Shawshank Redemption", "The Godfather", "The Godfather Part II", "The Dark Knight". Row 3: "The Green Mile", "The Lord of the Rings: The Return of the King", "The Good, the Bad and the Ugly", "Grave of the Fireflies", "Popeye the Slayer Man", "I, the Executioner". Each poster includes the movie title and its English name.

**Description:** The above page is available on <http://localhost:5173/movie-search/horror> showing the search results for any movie name/genre. The included genres are: Mystery, Fantasy, Science Fiction, Drama, Horror, Action, Thriller, Comedy, Western, Adventure, War, Family, Crime, Animation. The result is any movies that match the keyword or the genre, otherwise “We couldn't find any movies that match your search” is shown on the screen.

### Actions:

- **Search:** Users are able to search for any particular movie by typing into the search bar and clicking enter.

**Steps:** Input must either match movie name or genre for correct results.

## Movie Details Page

The screenshot shows a movie details page for "Book Tickets: A Minecraft Movie". At the top, there's a navigation bar with "SceneBook" and a search bar. On the right, there's a user profile icon and a "Logout" button. The main content area features a movie poster for "Book Tickets: A Minecraft Movie" showing four characters in a colorful, blocky environment. Below the poster, the movie title is displayed. To the right of the poster, there's a brief description: "Four misfits find themselves struggling with ordinary problems when they are suddenly pulled through a mysterious portal into the Overworld: a bizarre, cubic wonderland that thrives on imagination. To get back home, they'll have to master this world while embarking on a magical quest with an unexpected, expert crafter, Steve." Below the description, there are genre tags ("Family", "PG-13"), release date ("2025-03-31"), and duration ("00:00:00"). A section titled "User Experience" contains "User Reviews" (with a note "No reviews yet.") and a box for "Add your experience" with a "Post" button. At the bottom, there are dropdown menus for "Theatre Company" (set to "Theatre Company"), "Date" (set to "April 22nd, 2025"), "Location" (empty), and a "Find Theatres" button. Below these, a "Select Your Theatre" section shows a dropdown menu with "No Theatre Found".

**Description:** The above page is available on <http://localhost:5173/movie/{Movie Name}> showing the movie details which include: description, genre, pg-rating, release date, and duration. The page also allows the user to select a theatre company of their choice, a day to watch the movie, and their preferred location through keyword search.

### Actions:

- **Post user review:** Users can share their experience regarding a specific movie. All user ratings are monitored by admins.
- **Select theatre company:** Users can select their preferred movie company chain.
- **Search location:** Users can search keywords to get their preferred location.
- **Find theatres:** After the users input their preferred location, they get results to choose from and start the booking process.

### Steps:

- Choose from the “theatre company” drop down menu and the available dates selection.
- Input location keywords and press Find Theatres
- Results will appear under the “Select Your Theatre” section. Users then choose the best match.

## Sign Up Page

The screenshot shows the 'Sign Up' page of a website called 'SceneBook'. The page has a dark theme with white text and input fields. At the top left is the 'SceneBook' logo. A search bar labeled 'Search for Movies' is at the top center. On the right are 'Sign Up' and 'Login' buttons. The main area is titled 'Sign Up' and contains fields for 'Username' (jondoe), 'First Name' (Jon), 'Last Name' (Doe), 'Email' (jondoe@gmail.com), 'Password' (\*\*\*\*\*), and 'Phone Number' (1234567890). A 'Sign Up' button is at the bottom left of the form.

**Description:** The above page is available on <http://localhost:5173/signup> which collects the relevant information to sign up new users to the website. All users must enter an unique username and the following information: first name, last name, email, phone number, and password. Once the user has provided the correct data input, the user will be signed up and logged into their profile.

Note: It is recommended that users store their information securely, and all sensitive information is hashed with SHA protocols.

### Actions:

- **Signup:** Allows the user to book tickets, add movie requests, and add ratings to movies.

### Steps:

- Username must not contain spaces and be 16 characters or less.
- Password must be at least 8 characters long and include one uppercase, one lowercase, and one special character
- Email must be valid and from an official domain
- Phone must be in the format 1234567890 or 123-456-7890.
- First name must be 16 characters or less."
- Last name must be 16 characters or less.

## Login Page

The screenshot shows the login interface for the SceneBook website. The page features a dark header with the 'SceneBook' logo and a search bar. Below the header is a light gray login form with a rounded rectangle border. The form is titled 'Login' in bold. It contains two input fields: 'Username' and 'Password', each with a placeholder text ('Enter Username' and 'Enter Password' respectively). Below the password field is a small link labeled 'Forgot Password?'. At the bottom of the form is a 'Login' button. In the top right corner of the page, there are two buttons: 'Sign Up' and 'Login'.

**Description:** The above page is available on <http://localhost:5173/login> which allows the user to login back into their profile. Users must provide their exact credentials used to sign up for the website, otherwise access will not be granted.

**Actions:**

- **Login:** Allows the users to log back into their profile to view their ticket bookings

**Steps:**

- Username and password must match previously entered information in the sign up page.

## Profile Page

The screenshot shows the SceneBook profile page. At the top, there's a navigation bar with a logo, a search bar labeled "Search for Movies", and a user icon with the letter "J" and a "Logout" button. Below the navigation is a secondary header with tabs for "My Tickets" and "Profile".

The main content area is divided into two sections:

- Edit Profile:** This section contains fields for Username (jondoe), First Name (Jon), Last Name (Doe), Email (jondoe@yahoo.com), and Phone Number (123-456-7890). It includes buttons for "Save Changes", "Change Password", and "Delete Account".
- Payment Methods:** This section lists two cards. Each card entry includes a "Delete" button. The first card has details: Credit ... 3456, Jon Doe, Expires: 30/11/2028. The second card has details: Debit ... 3455, Jon Doe, Expires: 02/12/2028.

**Description:** The above page is available on <http://localhost:5173/users> and can be accessed by clicking on the avatar displayed on the top right. Users are able to edit their information, add payment methods and view their ticket bookings on the tab. All information must be correctly entered using the same format as listed in the signup page for the changes to apply.

### Actions:

- **Edit Profile:** Users are able to edit their profile using the form
- **Payment Methods:** Users are able to add payment methods to their profile (Credit Card or Paypal)

### Steps:

- Any information that is modified must strictly follow the format detailed in the sign up page.

**Add a New Card**

The screenshot shows a dark-themed web application interface. At the top left is the logo 'SceneBook'. In the top center is a search bar with the placeholder 'Search for Movies'. On the far right are a user icon (a letter 'J') and a 'Logout' button. Below the header is a large, light-colored input form. The form has a title 'Add a New Card'. It includes several input fields: 'Card Number' (with a placeholder 'Card Number'), 'Expiration Date' (placeholder 'dd-mm-yyyy'), 'CVV' (placeholder 'CVV'), 'Card Holder' (placeholder 'Card Holder'), and 'Card Type' (a dropdown menu currently set to 'Credit'). At the bottom of the form is a blue 'Add Card' button.

**Description:** The above page is available on <http://localhost:5173/payment/add-card> and can be accessed by clicking on the avatar displayed on the top right, and then selecting add card. Users are able to enter their credit card number, expiration date, CVV, card holder, and the card type. This card then becomes a part of the payment which makes booking tickets much more seamless.

**Actions:**

- **Add Card:** Adding a card allows the user to add their credit-card/debit-card for easier movie bookings

**Steps:**

- Card number must be 16 digits long with no space
- Expiration date must in the format dd-mm-yyyy and must be valid (i.e. not expired)
- CVV should be a three digit code with no spaces
- Card Holder should be the name of the individual who the card belongs to and non-empty

**Add a PayPal Account**

The screenshot shows a dark-themed web application interface. At the top left is the "SceneBook" logo. In the top right corner, there is a user profile icon with a letter "J" and a "Logout" button. A search bar with the placeholder "Search for Movies" is located at the top center. The main content area has a title "Link a PayPal Account". Below it are four input fields: "Email Address", "Password", "Card Number (Required)", and "Phone Number". At the bottom of the form is a blue "Add PayPal" button.

**Description:** The above page is available on <http://localhost:5173/payment/add-paypal> and can be accessed by clicking on the avatar displayed on the top right, and then selecting add PayPal. Users are able to enter their email address, password, card number, phone number. This PayPal account then becomes a part of the payment which makes booking tickets much more seamless.

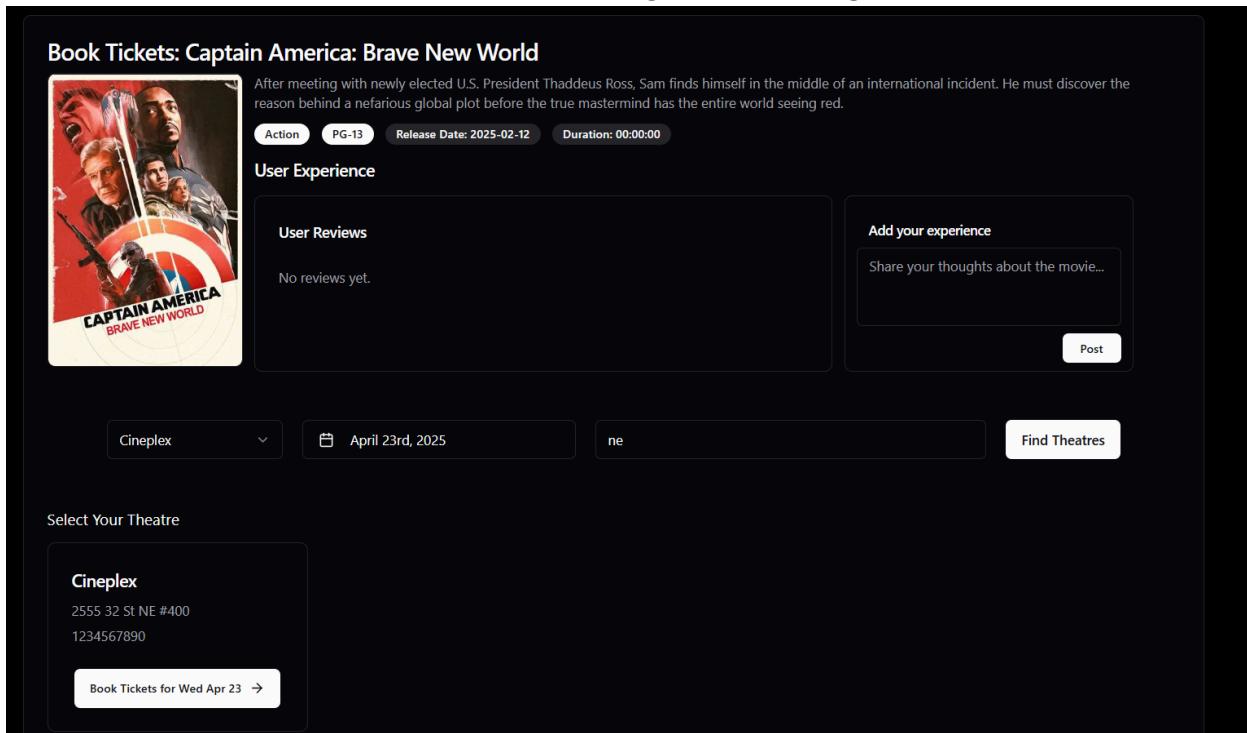
**Actions:**

- **Add PayPal:** Adding a PayPal account allows the user to add their credit-card/debit-card for easier movie bookings

**Steps:**

- Password must be at least 8 characters long and include one uppercase, one lowercase, and one special character
- Email must be valid and from an official domain
- Password must be at least 8 characters long and include one uppercase, one lowercase, and one special character
- Card number must be 16 digits long with no spaces
- Phone must be in the format 1234567890 or 123-456-7890.

## Movie Theatre Booking Information Page



The screenshot shows a movie booking interface for "Captain America: Brave New World". At the top, there's a movie poster with the title. Below it, movie details are listed: Action, PG-13, Release Date: 2025-02-12, Duration: 00:00:00. A section titled "User Experience" contains "User Reviews" (No reviews yet) and a "Add your experience" form with a "Post" button. Below this, there are dropdown menus for "Cineplex" and "Location" (set to "ne"), and a "Find Theatres" button. On the left, a "Select Your Theatre" sidebar shows "Cineplex" with address 2555 32 ST NE #400 and phone number 1234567890, along with a "Book Tickets for Wed Apr 23" button.

**Description:** The above page is available on [http://localhost:5173/movie/{movie\\_name}](http://localhost:5173/movie/{movie_name}) and can be accessed by clicking on any of the movie posters. Users can then select their theatre company on the left, the date in the middle drop down, and location in the search bar. Clicking “Find Theatres” will show all available theatres for that input. Users can then book tickets by selecting the theatre of their choice and navigating to the theatre booking page, note users must be logged in to continue otherwise will not be accessible. Additionally, logged in users can add their experience by entering their review in the box under “add your experience.”

### Actions:

- **Find Theatres:** Users are able to search for theatres based on their location input
- **Add User Reviews:** Users are able to add their reviews to any specific movie

### Steps:

- Theatre companies must be chosen from the drop down menu
- Location must not be empty
- Date must not be empty
- Reviews must not exceed 255 characters

**Movie Theatre Booking Page**

The screenshot shows a dark-themed web application for movie booking. At the top, there's a header with the logo "SceneBook", a search bar labeled "Search for Movies", and a user profile icon with the letter "J" and a "Logout" button.

The main content area is titled "Select Your Experience" and includes fields for "Movie" (Captain America: Brave New World), "Date" (Apr 23 2025), "Time" (2:00 PM), and "Location" (2555 32 St NE #400). Below this, a section titled "Tickets" lists two options:

- Regular Ticket: \$18**: Offers an affordable theatre experience at Standard High Definition (HD). A counter shows 1 ticket selected.
- Premium Ticket: \$25**: Exceptional experience with 4K-HDR Dolby Atmos and recliner seats (4K HDR). A counter shows 0 tickets selected.

At the bottom, there's an "Overview" section with a summary box containing "Ticket Number: 1", "Regular, Standard", and "2:00 PM".

**Description:** The above page is available on [link](#) and can be accessed by selecting the book tickets on the previous page (see above). Users are able to add tickets of their choice, regular which offer a standard movie quality, and premium which offer recliner seats and screen resolution of their choice (4K-HDR, IMAX, 3D). Movie selection is done by clicking the "+/-" icon, however must first select the movie time from the drop down

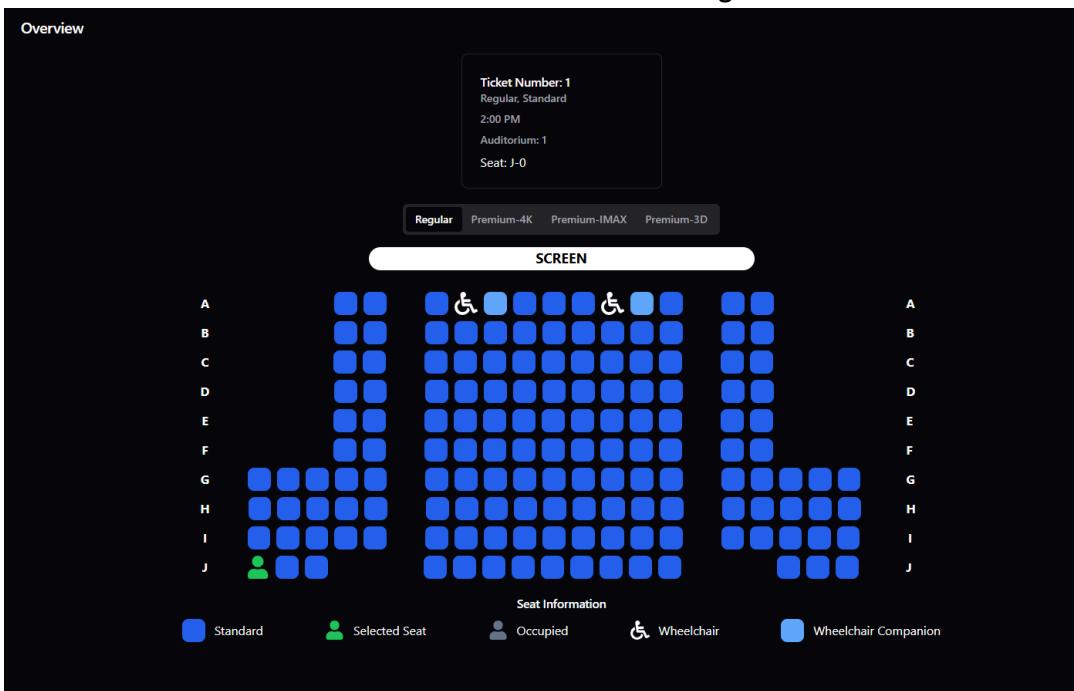
**Actions:**

- **Add Regular Tickets:** Users are able to add regular tickets by selecting their amount
- **Add Premium Tickets:** Users are able to add regular tickets by selecting their amount

**Steps:**

- Date must be chosen before adding the tickets
- Tickets must be deleted before selecting the seats in the next step

## Movie Theatre Seat Preview Page



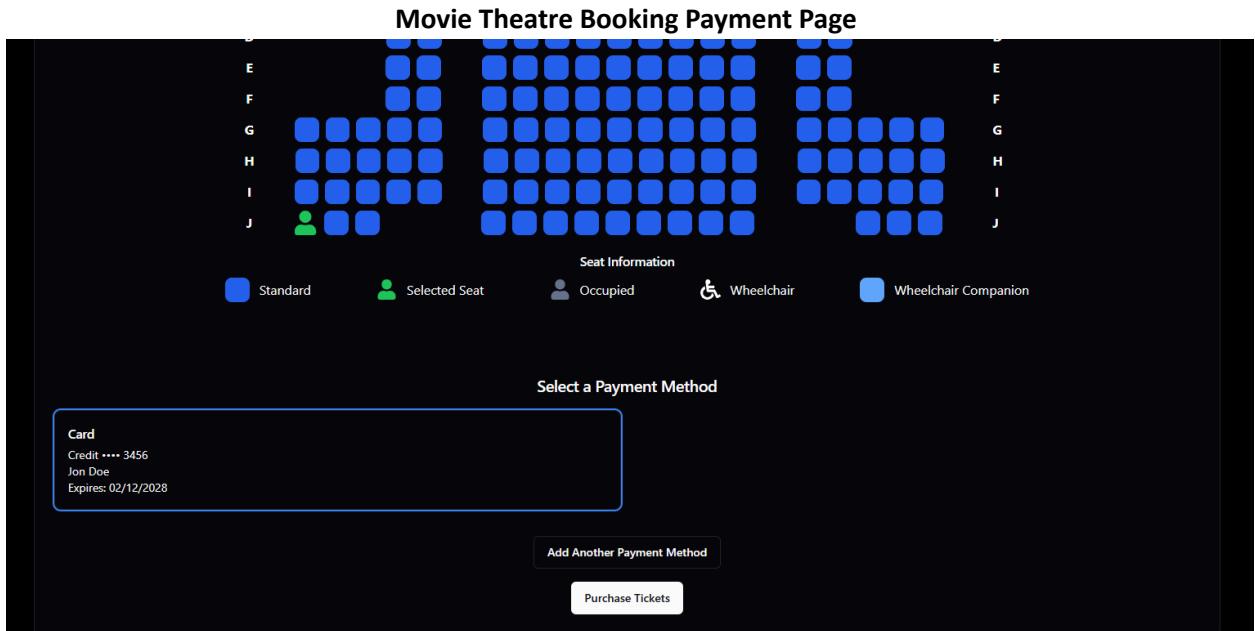
**Description:** The above page is available on [link](#) and can be accessed by selecting the book tickets on the previous page (see above). Users are able pick their seat using the preview page, using the seat information guide below. Note there are different auditoriums for each screen resolution, and must be selected independently. Users can only add as many seats as there are tickets, and will result in a warning if more seats are selected than tickets. Seats that are booked will result in an error and the user must pick another seat.

### Actions:

- **Select Seats:** Users are able select seats for individual movie tickets.

### Steps:

- Date must be chosen before adding the tickets
- Tickets must be deleted before selecting the seats in the next step

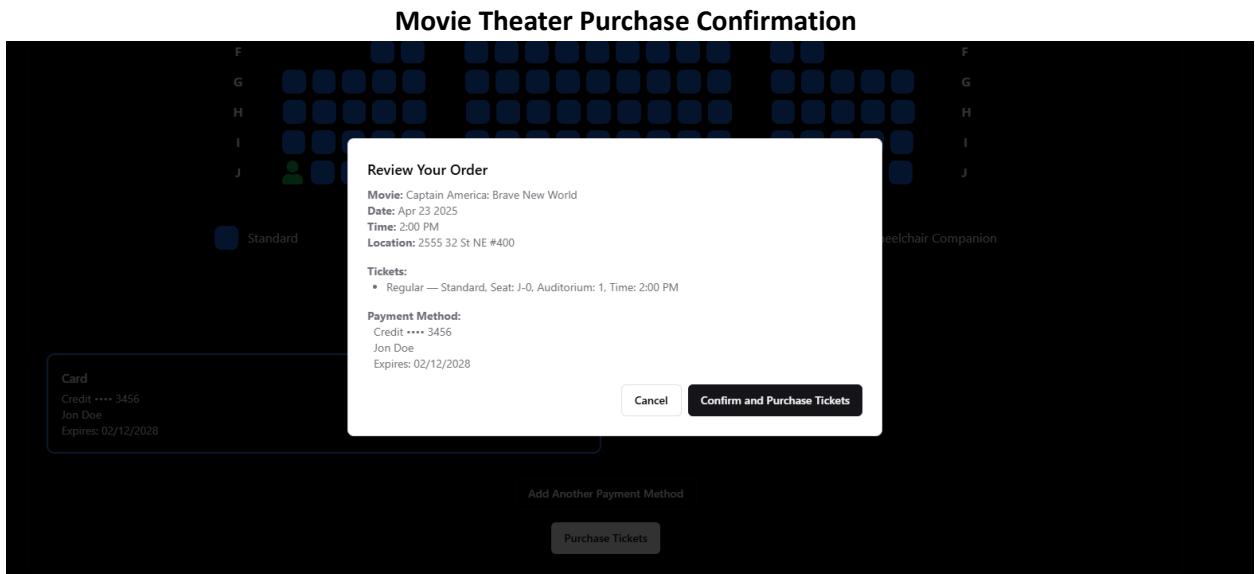


**Description:** The above page is available on [link](#) and can be accessed by selecting the book tickets on the previous page (see above). Once a user has picked all the seats, they can click “Purchase Tickets” which will either result in the user being prompted to add payment (see above for payment adding procedures), or if the user has already added their payment they are able to select their payment method type.

**Actions:**

- **Select Payment Method:** Once all seats are chosen users are able select their payment method or are redirected to add their payment method.

**Steps:** N/A

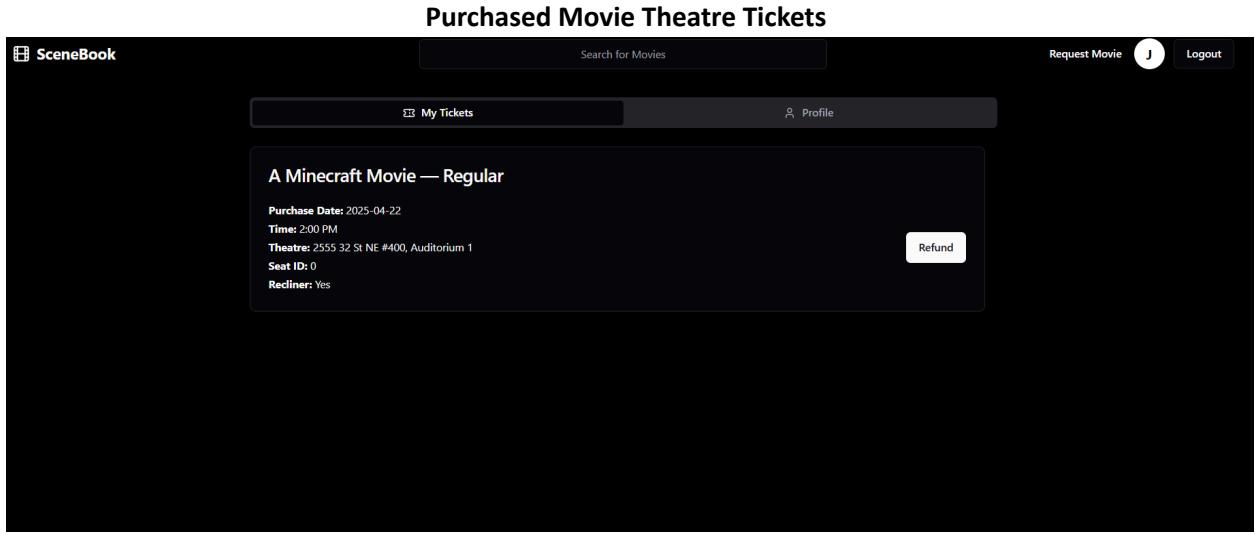


**Description:** The above page is available on [link](#) and can be accessed by selecting the book tickets on the previous page (see above). Once a payment method has been chosen, users are able to confirm their payment by selecting “Confirm and Purchase Tickets” which will result in a transaction on their chosen payment type. Canceling will result in the user being redirected to the previous page.

**Actions:**

- **Confirm Purchase:** Users are able to confirm their purchase and review their order

**Steps:** N/A



**Description:** The above page is available on <http://localhost:5173/users> and can be accessed by clicking on the avatar displayed on the top right. Users are able to view their purchased movie tickets, and are able to refund which will result in the ticket being canceled, and seats being added back to the preview.

**Actions:**

- **Refund Tickets:** Purchased tickets can be refunded by the user
- **View Tickets:** Tickets can be viewed under “My Tickets” tab.

**Steps:** N/A

## Admin Dashboard

Welcome, manager1

Below you will find all the current data within the system, and modification tools.

### Dashboard

Overview Add Delete Modify

Total Number of Theatres 2	Number of Movies 61	Number of Movie Requests 0	Number of Customers 1
-------------------------------	------------------------	-------------------------------	--------------------------

Overview

Movie Requests  
No requests yet.

Recent Movie Bookings

All Tickets

Customer ID	Movie	Type	Theatre	Auditorium
1	A Minecraft Movie	Regular	2555 32 St NE #400	1
1	A Minecraft Movie	Regular	Calgary	1

## Add Tab

### Dashboard

Overview Add Delete Modify

**Add Theatre**

Location Phone Number Company Name

Add

**Add Upcoming Movie**

Movie Name Movie ID Select Genre  
Select PG-Rating yyyy-mm-dd Description

Add

**Add Admin**

Admin ID Username Password  
Phone Number Role (e.g. Manager) Permissions (e.g. Movie Listing Management)

Add

**Add Movie Actor**

Movie Name Actor Name

Add

## Delete Tab

**Dashboard**

Overview Add Delete Modify

**Delete Theatre**

Location	Phone Number	Company	Action
2555 32 St NE #400	403-717-1200	Cineplex	<button>Delete</button>
3412 49 St NW, Calgary	587-534-0835	Landmark Cinemas	<button>Delete</button>

**Delete Movie**

Name	Movie ID	Genre	PG Rating	Release Date	Action
A Minecraft Movie	950387	Family	PG-13	2025-03-30	<button>Delete</button>

**Delete Admin**

Admin ID	Username	Role	Permissions	Phone	Action
1	admin	Manager	Theatre Management	-8223	<button>Delete</button>

a mine

Name	Movie ID	Genre	PG Rating	Release Date	Action
A Minecraft Movie	950387	Family	PG-13	2025-03-30	<button>Delete</button>

**Delete Admin**

Admin ID	Username	Role	Permissions	Phone	Action
1	admin	Manager	Theatre Management	-8223	<button>Delete</button>

**Delete Movie Actor**

Movie	Actor	Action
A Minecraft Movie	Jack Black	<button>Delete</button>

**Delete User Rating**

Search by Username			
Movie	User	Rating	Action

## Modify Tab

**Dashboard**

Overview Add Delete **Modify**

**Modify Theatre**

Location	Current Phone	Current Company	New Phone	New Company	Action
2555 32 St NE #400	403-717-1200	Cineplex	New Phone	New Company	<b>Update</b>
3412 49 St NW, Calgary	587-534-0835	Landmark Cinemas	New Phone	New Company	<b>Update</b>

**Modify Movie**

Name	Genre	PG Rating	Release Date	Description	Action
A Minecraft Movie	Family	PG-13	2025-03-31	Four misfits find themselves struggling w	<b>Update</b>

**Modify Admin**

Username	Role	Permissions	Phone	Action
admin	Manager	Theatre Management	-8223	<b>Update</b>

**Modify Movie**

Name	Genre	PG Rating	Release Date	Description	Action
A Minecraft Movie	Family	PG-13	2025-03-31	Four misfits find themselves struggling w	<b>Update</b>

**Modify Admin**

Username	Role	Permissions	Phone	Action
admin	Manager	Theatre Management	-8223	<b>Update</b>

**Modify Movie Actor**

Movie	Current Actor	New Actor	Action
A Minecraft Movie	Jack Black	New Actor	<b>Update</b>

**Description:** The above page is the Admin Dashboard, accessible to admins upon logging in from another page with appropriate credentials. It provides a centralized view of system data, including theatre count, movie catalogue size, number of users, pending movie requests, and recent bookings. The dashboard is designed to streamline administrative tasks and enable efficient content management based on role-specific permissions.

**Actions:**

- **Overview Tab:** View current statistics such as total theatres, number of movies, customer count, and real-time ticket bookings.
- **Add Tab:**
  - Theatre Management admins can add new theatres.
  - Movie Listing Management admins can add movies, actors, and appoint new admins.
- **Delete Tab:**
  - Theatre Management admins can remove theatres.
  - Comment Management admins can remove harmful or policy-violating user ratings.
  - Movie Listing Management admins can delete movies, movie requests, and actors.
- **Modify Tab:**
  - Theatre Management admins can update theatre configurations.
  - Movie Listing Management admins can modify movie and actor information.
  - Admins can also update internal admin-related data if permitted.

**Steps:**

- Only users of type admin in the database can access and interact with this dashboard.
- Permissions determine what each admin can do:
  - **Theatre Management:** Can add, delete, and modify theatre information.
  - **Comment Management:** Can delete user ratings that are harmful, offensive, or against platform policies.
  - **Movie Listing Management:** Can handle movie requests, add/remove movies and actors, and update movie-related content.
- Ensure required fields (e.g., theatre name, location, or movie title) are correctly entered before submission.
- Use search or filtering options in Delete/Modify tabs to locate specific entries quickly.
- All changes are reflected in real-time and impact the system immediately across user-facing and internal tools.

## Movie Request Page

The screenshot shows a dark-themed web page titled "Movie Request Page". At the top, there is a header with the "SceneBook" logo, a search bar labeled "Search for Movies", and a user profile icon with the letter "M" and a "Logout" button. Below the header is a large, rounded rectangular form with a black background. The form has a title "Request a Movie" at the top. Inside the form, there is a text input field with the placeholder "Enter movie name" and a large white button with the text "Submit Request" centered on it.

**Description:** The Movie Request feature is accessible via the Request Movie button located at the top right of the header. It allows logged-in customers to submit a movie title they wish to see added to the platform. If a user is not signed in, they will be redirected to the login page before proceeding. The system validates each request to prevent duplicates and checks if the movie already exists in the database.

### Actions:

- **Submit Request:** Allows a customer to suggest a movie they wish to play.
- **Validation & Feedback:** Provides status message indicating whether the request was successful, movie does not exist in the system, or has already been requested.

### Steps:

- If not logged in, the user is redirected to the login page.
- Once authenticated, the user is redirected to the movie request form.
- The user enters a movie title and clicks Submit Request.
- The system checks:
  - If the movie does not exist in the database.
  - If the same movie has already been requested by the same customer.
  - A status message is displayed indicating success or error (e.g., duplicate request).