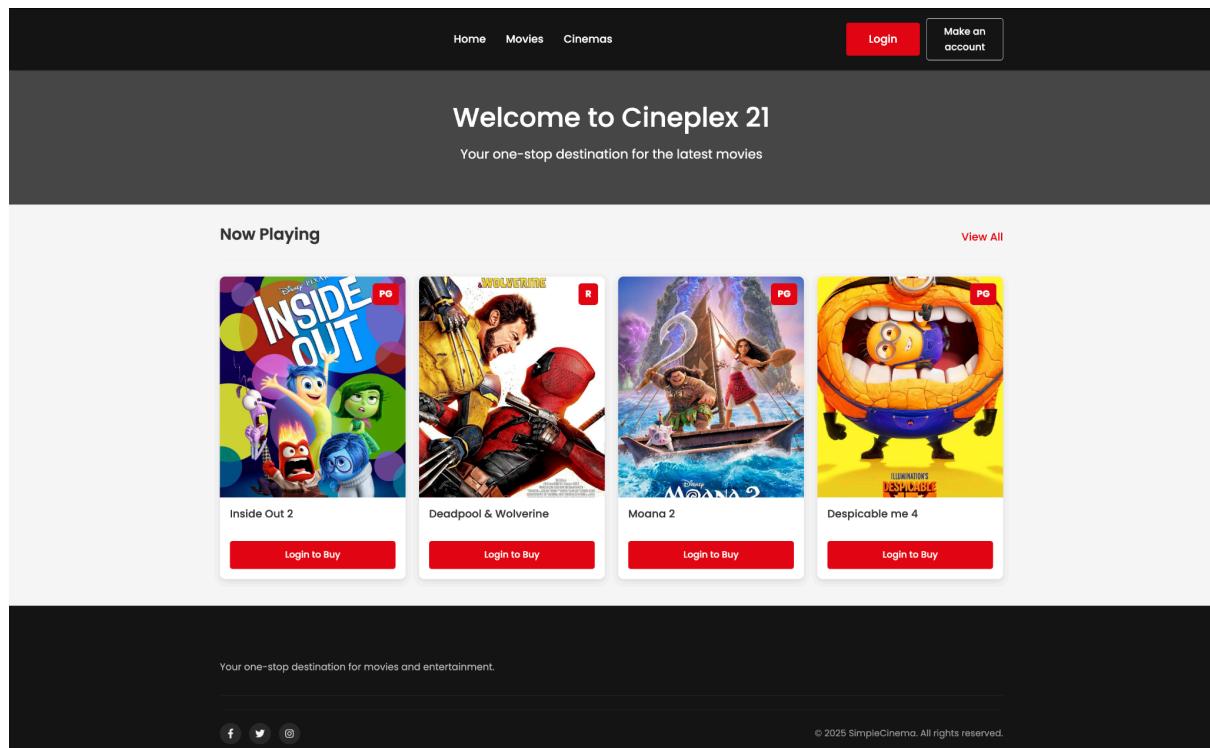


## A.1 OVERVIEW

My project aims to create a 21Cineplex-like website that will have some of the essential features of an online movie theater platform. The website is designed to make it easy for users to view current movies, book tickets, and manage their accounts.



**Page A1.1 (Index Page)**

The main page of the website that displays current, upcoming, and popular movies. It also provides navigation to the login, register, and movie search pages. The latest movie promotion banner is also displayed at the top of the page.

Login here'."/>

## Page A1.2 (Register Page)

New user registration page with a form that requests information such as full name, username, email address, phone number, and password. The system will verify the availability of username and email before creating a new account.

Register here'. The footer of the page reads 'Your one-stop destination for movies and entertainment.'"/>

## Page A1.3(Login Page)

A page for registered users to login to their account by entering their username/email and password. This page also provides a "Forgot Password" option and a link to the register page for new users. admin accounts will be directed to the admin dashboard and customer accounts will be directed to the customer dashboard.

The Admin Dashboard displays summary data and recent activity. Summary data includes 'Total Movies' (20) and 'Total Showtimes' (76). Recent activity logs include 'Movie added' (Kung Fu Panda 4), 'Movie added' (Dune: Part Two), 'Movie added' (Mufasa: The Lion King), 'New user registered' (Imtiaz), and 'New user registered' (muhammad nabil). Quick actions buttons are available for 'Add New Movie', 'Add Showtime', and 'Add Cinema'.

## Page A2.1(Admin Dashboard)

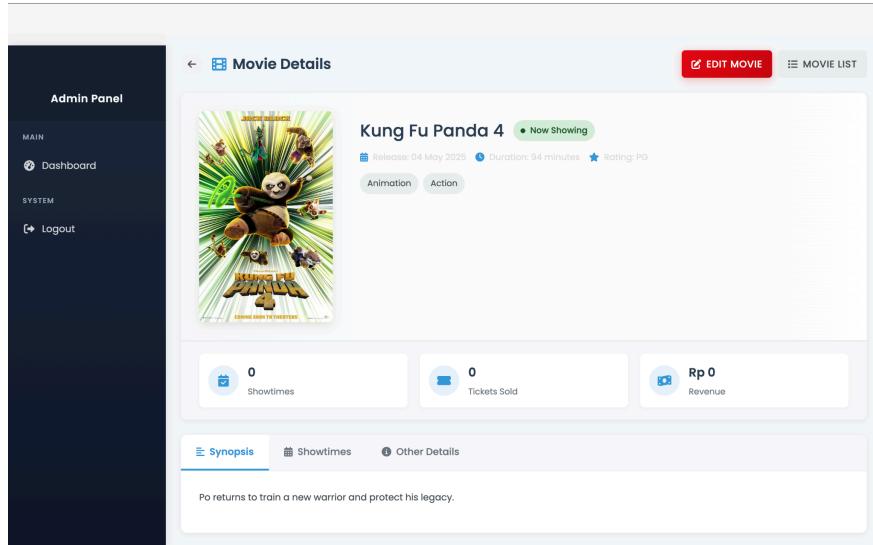
An admin dashboard that displays summary data such as the number of movies, theaters, ticket sales, and registered users. The dashboard also displays graphs of ticket sales by time of day and popular movies.

The Manage Movies page lists movies in a tabular format. The columns are ID, Poster, Title, Duration, Genre, Rating, Status, and Actions. The movies listed are:

ID	Poster	Title	Duration	Genre	Rating	Status	Actions
48		Kung Fu Panda 4	94 minutes	Animation   Action	PG	Now Showing	
47		Dune: Part Two	166 minutes	Sci-Fi   Action	PG-13	Now Showing	
46		Mufasa: The Lion King	118 minutes	Animation   Drama	PG	Now Showing	
45		Wicked	145 minutes	Musical   Fantasy	PG-13	Now Showing	
44		Despicable me 4	95 minutes	Animation   Comedy	PG	Now Showing	
43		Moana 2	95 minutes	Animation   Adventure	PG	Now Showing	

## Page A2.2(Manage Movies)

A page for managing movies that displays a list of movies in tabular form with columns for title, genre, duration, release date, and status. Admins can add, edit, or deletion movies from this page.



## Page A2.3(Movies Details)

A page that displays full details of a movie, including synopsis, poster, trailer, cast, director, genre, duration, and rating. Admins can view the showtimes for the movie from this page.

## Page A2.4(Edit Movie)

Form to edit existing movie information, including title, synopsis, poster, trailer, cast, director, genre, duration, release date, and status. Admins can save changes or cancel edits.

**Add New Movie**

Movie Title \*

Description \*

Duration (minutes) \*

Genre \*

Rating \*

Select Rating

Release Date

dd/mm/yyyy

Movie Poster

Choose File No file chosen

Format: JPEG or PNG, maximum 2MB

Movie is currently showing

**SAVE MOVIE** **CANCEL**

## Page A2.5(Add Movie)

A form to add a new movie with fields for title, synopsis, poster, trailer, cast, director, genre, duration, release date, and status. Admins must fill in all mandatory fields before they can save the new movie.

**Manage Schedules**

+ ADD NEW SCHEDULE

Movie	All Movies	Theater	All Theaters							
Start Date	dd/mm/yyyy	End Date	dd/mm/yyyy							
<input type="button" value="Filter"/> <input type="button" value="Reset"/>										
Showing 20 of 76 schedules										
<span>Monday, 05 May 2025</span> <table border="1"> <tr> <td></td> <td>Deadpool &amp; Wolverine</td> <td>Cinema XXI Pondok Indah Mall</td> <td>21:00</td> <td>Rp 100,000</td> <td><input type="button" value="Edit"/></td> <td><input type="button" value="Delete"/></td> </tr> </table>					Deadpool & Wolverine	Cinema XXI Pondok Indah Mall	21:00	Rp 100,000	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
	Deadpool & Wolverine	Cinema XXI Pondok Indah Mall	21:00	Rp 100,000	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>				
<span>Sunday, 04 May 2025</span> <table border="1"> <tr> <td></td> <td>Despicable me 4</td> <td>Cinepolis Bali Galeria</td> <td>11:00</td> <td>Rp 120,000</td> <td><input type="button" value="Edit"/></td> <td><input type="button" value="Delete"/></td> </tr> </table>					Despicable me 4	Cinepolis Bali Galeria	11:00	Rp 120,000	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
	Despicable me 4	Cinepolis Bali Galeria	11:00	Rp 120,000	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>				
<span>Thursday, 01 May 2025</span>										

Ant-Max® Cinema System

## Page A2.6(Manage Schedules)

A page to manage movie screening schedules that displays a list of schedules in tabular form with fields for movie, theater, studio, date, time, and ticket price. Admin can add, edit, or delete schedules from this page.

## Page A2.7(Edit Schedule)

Form to edit an existing schedule, including the selection of movie, theater, studio, date, start time, end time, and ticket price. Admin can save changes or cancel the edit.

## Page A2.8(Add Schedule)

Form to add a new showtime with fields to select movie, theater, studio, date, start time, end time, and ticket price. Admin must fill in all required fields before they can save the new schedule.

The screenshot shows the 'Manage Cinemas' section of the Admin Panel. At the top, there are search fields for 'Cinema Name' and 'City', and a dropdown for 'Status'. Below the search bar, it says 'Showing 20 of 20 cinemas'. There are four cards displayed, each representing a cinema:

- CGV Central Park** (Active) - Located in Jakarta, address: Jl. Letjen S. Parman Kav. 28, phone: 02123456785, 6 showtimes, Date Created: 30/04/2025.
- CGV Cihampelas** (Active) - Located in Bandung, address: Jl. Cihampelas No. 160, phone: 02223456783, 3 showtimes, Date Created: 30/04/2025.
- CGV Festival City** (Active) - Located in Bandung, address: Jl. Peto No. 241, phone: 02223456780, 3 showtimes, Date Created: 30/04/2025.
- CGV Grand City** (Active) - Located in Surabaya, address: Jl. Walkota Mustajab No.1, phone: 03123456788, 3 showtimes, Date Created: 30/04/2025.

## Page A2.9(Manage Cinemas)

A page for managing movie theaters that displays a list of movie theaters in tabular form with columns for name, address, city, number of studios, and status. Admin can add, edit, or delete cinemas from this page.

The screenshot shows the 'Edit Cinema' page for 'CGV Central Park'. The page has a header 'Edit Cinema' with a status badge 'Active'. It includes a note: 'This cinema has 6 active showtimes. Changes to status or other important information may affect schedules displayed to users.' The form is divided into sections:

- Basic Information**: Fields for 'Cinema Name' (CGV Central Park) and 'City' (Jakarta).
- Address**: Field for 'Address' (Jl. Letjen S. Parman Kav. 28).
- Phone Number**: Field for 'Phone Number' (02123456785).
- Configuration**: Fields for 'Total Seats' (160) and 'Status' (Active). A note states: 'Inactive cinemas won't be displayed on public pages.'

## Page A2.10(Edit Cinema)

Form to edit existing cinema information, including name, address, city, number of studios, facilities, and status. Admins can save changes or cancel edits.

The screenshot shows the Admin Panel interface. On the left is a sidebar with 'Admin Panel' at the top, followed by 'MAIN' and 'SYSTEM' sections with 'Dashboard' and 'Logout' options. The main content area is titled 'Add New Cinema'. It contains several input fields:

- Basic Information**: Fields for 'Cinema Name\*' (with example 'Cineplex 21 Grand Indonesia') and 'City\*' (with example 'Jakarta, Surabaya, Bandung').
- Address**: A text input field for the complete address of the cinema.
- Phone Number**: An input field with placeholder 'Format: 021-1234567 or 08123456789'.
- Special Tag**: An input field with placeholder 'Example: IMAX, 4DX, Premiere, etc. (optional)'.
- Configuration**: Fields for 'Total Seats\*' (with example '1000') and 'Status\*' (with example 'Active').

At the bottom right are 'CANCEL' and 'SAVE CINEMA' buttons.

## Page A2.11(Add Cinema)

A form to add a new cinema with fields for name, address, city, number of studios, facilities, and status. Admin must fill in all required fields before they can save the new cinema.

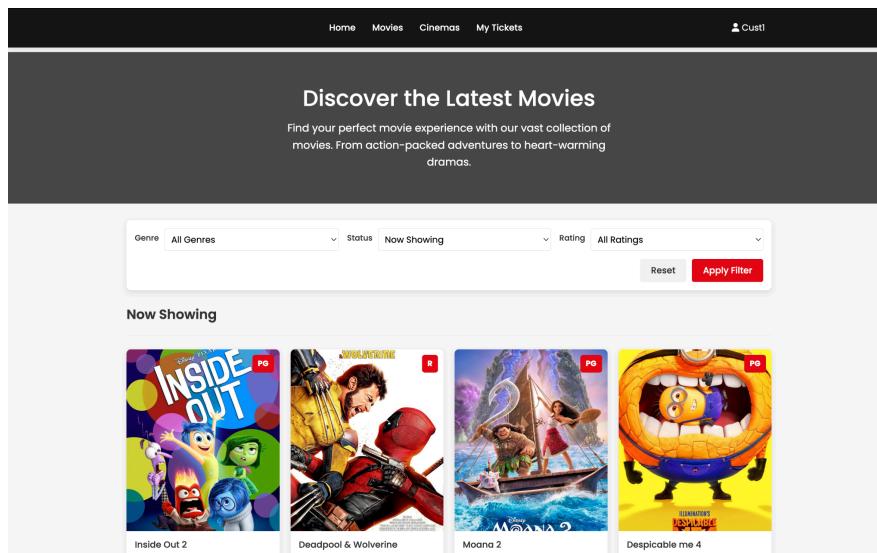
The screenshot shows the Customer Dashboard. At the top is a navigation bar with 'Home', 'Movies', 'Cinemas', 'My Tickets', and a user icon labeled 'Cust1'. Below the navigation are three cards:

- Now Playing**: Shows 0 Total Bookings, \$0.00 Total Spent, and 0 Loyalty Points. Includes a 'View Movies' button.
- My Tickets**: Shows a red 'My Tickets' button.
- My Profile**: Shows a red 'Edit Profile' button.

Below these cards is a section titled 'My Recent Tickets' with a 'View All' button. A message states 'You haven't booked any tickets yet.' At the bottom is a footer note: 'Your one-stop destination for movies and entertainment.'

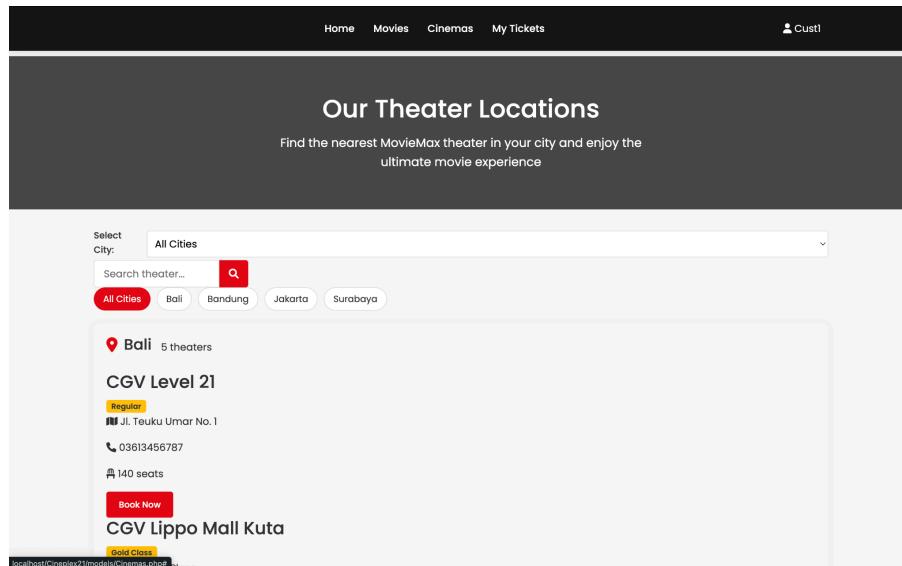
## Page A3.1(Dashboard Customers)

The home page for logged-in customers, displaying current movies, upcoming movies, and popular movies. This page also displays ongoing promos and discounts.



## Page A3.2(Movies Pages)

A page that displays a list of currently running movies with filters based on genre, rating, and release date. Users can click on the movie poster to view movie details.



## Page A3.3(Cinema Pages)

A page that displays a list of available movie theaters with filters by city and distance. Users can click on the name of a movie theater to view the movies currently showing in that theater.

The screenshot shows a user's ticket history. At the top, there is a navigation bar with links to Home, Movies, Cinemas, My Tickets, and a user profile icon labeled 'Cust1'. Below the navigation bar, the title 'My Tickets' is displayed, followed by the subtitle 'Manage your purchased movie tickets'. A red button labeled 'All Tickets' is visible. Three ticket cards are listed:

- Deadpool & Wolverine**  
Status: ACTIVE  
Cinema: Cinema XXI Pondok Indah Mall  
Showtime: 05 May 2025, 21:00, Rp 600.000  
Seat Details: K10, K11, K12, K7, K8, K9  
Download button
- Despicable me 4**  
Status: USED  
Cinema: Cinepolis Bali Galeria  
Showtime: 04 May 2025, 11:00, Rp 1.320.000  
Seat Details: A4, B5, C6, D7, E8, F7, G8, H9, I7, J8, K9  
Download button
- Fantastic Four: First Steps**  
Status: USED  
Cinema: CGV Grand City  
Showtime: 30 Apr 2025  
Seat Details: N/A  
Download button

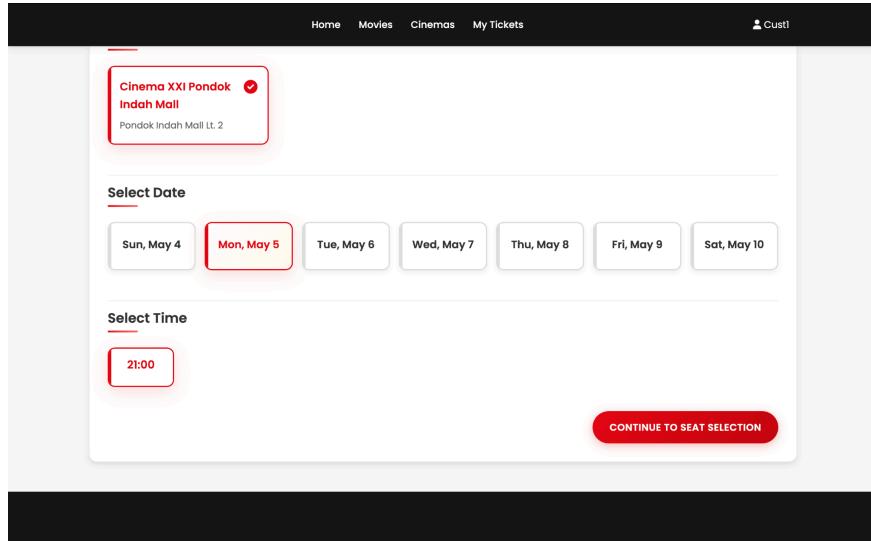
## Page A3.4(My Ticket Pages)

A page that displays the user's ticket booking history, including active tickets and used tickets. Users can view ticket details and download e-tickets from this page.

The screenshot shows the ticket booking process for the movie 'Deadpool & Wolverine'. At the top, there is a navigation bar with links to Home, Movies, Cinemas, My Tickets, and a user profile icon labeled 'Cust1'. Below the navigation bar, the title 'Book Tickets' is displayed. The movie details for 'Deadpool & Wolverine' are shown, including the poster, runtime (127 min), genre (Action), release date (2025-05-04), and a plot summary: 'Deadpool and Wolverine team up for a chaotic, action-packed mission.' Below the movie details, a progress bar indicates the steps: 1. Select Showtime (highlighted in red), 2. Choose Seats, and 3. Payment. The 'Select Showtime' step is expanded, showing the 'Select Theater' dropdown which has 'Cinema XXI Pondok Indah Mall' selected. The 'Select Date' step is also partially visible below it.

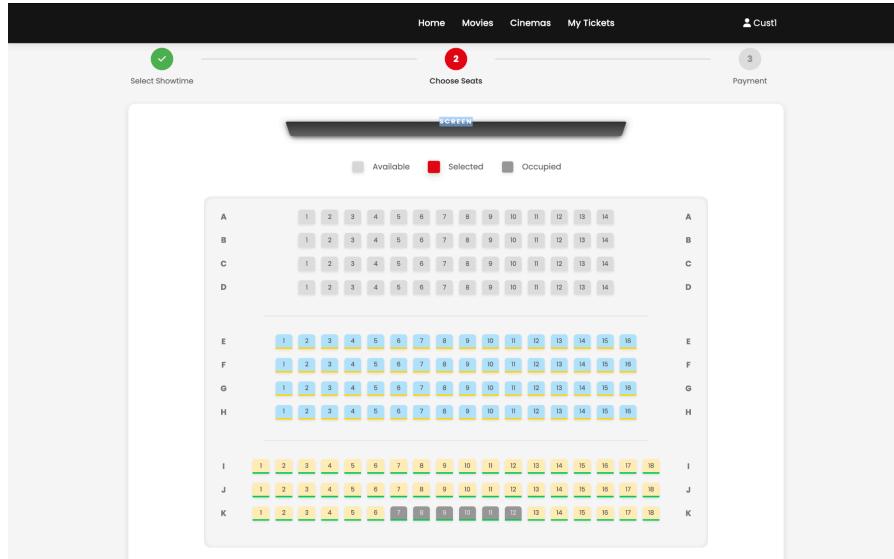
## Page A3.5(Book Ticket Pages)

A page to book tickets for the selected movie, displaying movie details and available showtimes. Users can select the desired date and time.



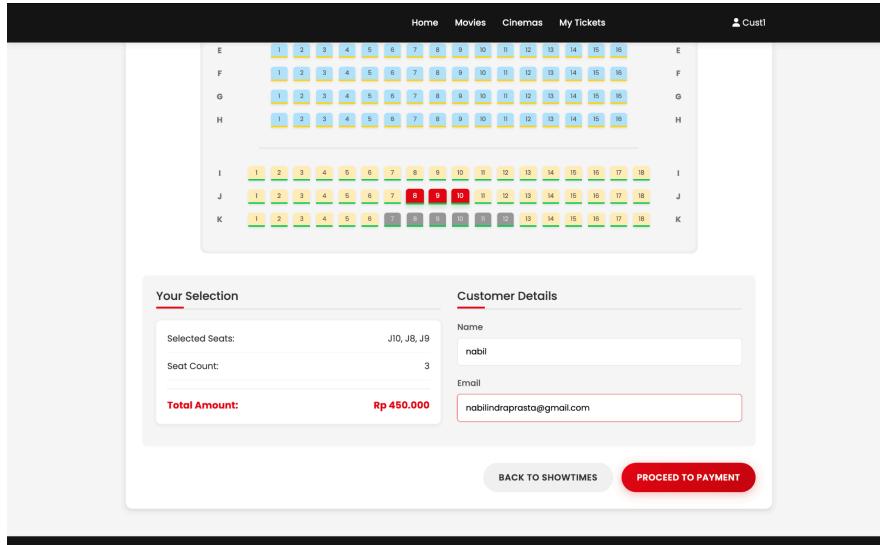
### Page A3.6(Theater Select Pages)

A page to select a theater where the user wants to watch a movie. This page displays a list of theaters showing the selected movie along with the schedule and ticket price.



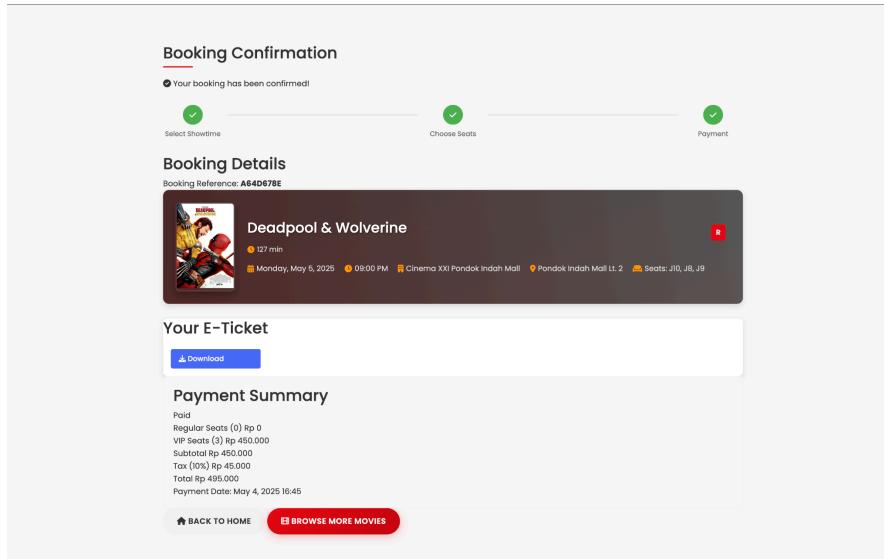
### Page A3.7(Seat Select Pages)

A page to select available seats from the displayed seat plan. Reserved seats will be marked with different colors. Users can select multiple seats according to the number of tickets they wish to purchase.



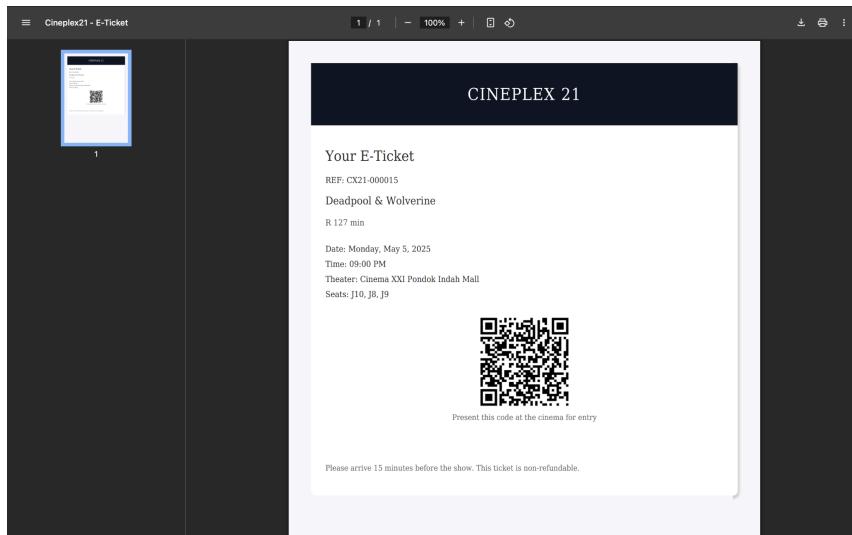
### Page A3.8(Confirmation Book Pages)

A booking confirmation page that displays order details including movie, theater, schedule, selected seats, and total price. The user can choose a payment method and enter a promo code if any.



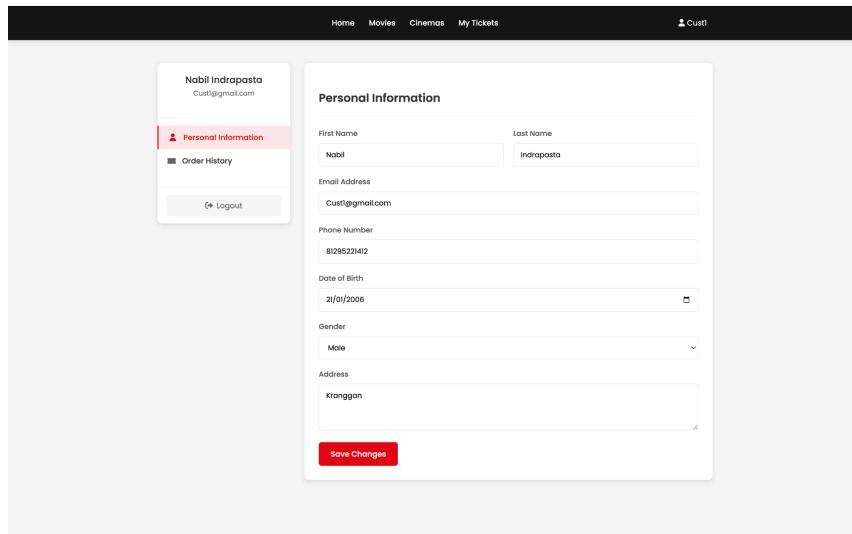
### Page A3.9(Succes Book Pages)

The page displayed after successful payment, showing confirmation that the booking has been successful and providing the option to view the e-ticket or return to the home page.



### Page A3.10(E Ticket Pages)

The page displays the e-ticket with barcode/QR code, movie information, theaters, schedule, seats, and user details. The e-ticket can be downloaded or printed to be presented at the theater.



### Page A3.11(Profile Pages)

User profile page that displays and allows editing of personal information such as name, phone number, email address, and password. Users can also view transaction history from this page.

## A.4. BUSINESS FUNCTIONS

Users should be able to:

- "View Movies" (View a list of current, upcoming, and popular movies)
- "Search Movies" (Search movies by title, genre, or actor)
- "View Movie Details" (View complete information about a movie)
- "View Showtimes" (View movie showtimes at various theaters)
- "Reserve Tickets" (Select movies, theaters, schedules, and seats to book)
- "Pay for Tickets" (Make payment for tickets booked)
- "Receive E-Tickets" (Get electronic tickets after successful payment)
- "View Order History" (View the history of ticket bookings that have been made)
- "Change Profile" (Change profile information such as name, address, and phone number)
- "Login/Logout" (Log in and out of user accounts)

Admin must be able to:

- "Manage Movies" (Add, edit, and delete movies from the database)
- "Manage Schedules" (Manage movie showtimes in various theaters)
- "Manage Theaters" (Add, edit, and delete theater information)
- "View Sales Reports" (View ticket sales reports)
- "Manage Users" (View, edit, and delete user accounts if needed)

## A.5. DATA REQUIREMENTS

- User Account Information (id\_user, email, username, name, password, no\_phone, date\_registration)
- Movie Data (id\_film, title, synopsis, duration, genre, rating, poster, release date, status)
- Cinema Data (id\_bioscope, name, address, city, number\_studio, facility, status)
- Studio Data (id\_studio, cinema id, number\_studio, capacity, type\_studio)
- Seat Data (id\_seat, id\_studio, number\_seat, status)
- Showing Schedule (id\_schedule, id\_film, id\_theater, id\_studio, date, start\_time, finish\_time, price)
- Booking Data (booking\_id, user\_id, schedule\_id, booking\_date, total\_price, payment\_status)
- Booking Details (id\_detail, booking id, seat id)
- Payment Data (payment id, booking id, payment method, payment amount, payment time, status)
- Admin Information (id\_admin, name\_admin, email\_admin, password\_admin)

## A.6. BUSINESS RULES

1. Users must be able to create an account with the correct email address, username, name, and password. Email and username must be unique.
2. Users must be able to see a list of current, upcoming, and popular movies on the main page.
3. Users should be able to search for movies by title, genre, or actor.
4. Users should be able to view movie details including synopsis, duration, genre, director, cast, rating, showtimes, and trailers.
5. The user should be able to view movie showtimes in various theaters.
6. The user should be able to select the theater, showtimes, and seats to reserve.
7. The system should display the seat plan with accurate availability status. Reserved seats cannot be selected by other users.
8. The user should be able to select a payment method and make payment for the reserved ticket.
9. The system should generate an e-ticket with a barcode/QR code after successful payment.
10. Users should be able to view their ticket booking history on the profile page.
11. Users should be able to edit their profile information including name, profile photo, and phone number.
12. Admin should be able to manage movie data including adding, editing, and deleting movies.
13. Admin should be able to manage movie showtimes in various theaters.
14. Admins should be able to manage movie theater data including adding, editing, and deleting movie theater information.
15. Admins should be able to view ticket sales reports by movie, theater, or time period.
16. Admins should be able to manage user accounts if required.
17. The system should keep user information secure including passwords and payment data.
18. The system should record all ticket booking transactions for reporting and audit purposes.
19. The system must be able to handle booking cancellations and refunds if necessary.
20. The system must notify users of their booking and payment status.

