**User Guide**  
This is a simple show booking seat system running in java program, there is no UI from frontend.   
  
**Main Menu**  
A picture containing graphical user interface

Description automatically generated   
  
Key in the alphabet in front of each option will go to next step, enter other input will display the error message.

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| --- |
| **Main Menu** |
| **a. admin** |
| **b. Buyer** |
| **q. Exit** |

**Admin Menu**  
User can enter a (or A) into Admin Menu  
Graphical user interface, text

Description automatically generated

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| **There 4 options in Buyer Menu** |
| **1. View booked seats** |
| **2. Add booking rows and seats** |
| **3. Cancel Booked seats** |
| **4. Return to main menu** |

Key in the number in front of each option will go to next step, enter other input will display the error message.  
  
**View booked seats**  
Admin is able to view if there is any booking made by the buyer.

|  |
| --- |
| **No booking** |
|  |
| **Have booking** |
|  |

**Add booking rows and seats**  
Add booking seats, admin can modify number of rows and number of seats per rows within the given range:  
1<= rows <= 26, 1<= seats <= 10  
A picture containing text

Description automatically generated

Admin can modify the rows and seats with valid input  
Text

Description automatically generated  
  
Admin is not allowed to add seats when the booked already made by the buyer  
Text

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**Edit booking valid period**Enter 3, Admin can edit the booking valid period for the buyer. If buyer booked the seats exceed the booking valid period, he/she cannot cancel the booking anymore.   
Admin can set up the booking period in seconds with a valid integer input. Text

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**Return to main menu**Enter 4, Admin journey ends here and return to the main menu  
Text

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**Buyer Menu**User can enter b (or b) into Buyer Menu  
Text

Description automatically generated

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| --- |
| **There 4 options in Buyer Menu** |
| **1. Book seats** |
| **2. View Booked seats** |
| **3. Cancel Booked seats** |
| **4. Return to main menu** |

Key in the number in front of each option will go to next step, enter other input will display the error message.  
Text

Description automatically generated  
**Book seats**Enter 1, going to the book seats menu. The available seats will be shown in the page  
Text

Description automatically generated   
Enter a1 or A1 to choose the seat which buyer want to book  
After entering valid seat id, the booking confirmation message will prompt for user to confirm.   
Calendar

Description automatically generated

**Booking Confirmation**  
If user key in y:  
booking will be successful. Text

Description automatically generated

If user key in n:  
booking will be cancelled.

A screenshot of a computer

Description automatically generated with medium confidence

If user want to book another seat, he will see the pervious seats has been booked from the menu.  
Text

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User cannot book the same seat again if it has been booked already.  
Text

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User can book multiple seats  
Text

Description automatically generated A picture containing text

Description automatically generated

**View booked seats**Enter 2, user can view the booked seats.

|  |
| --- |
| Have booking |
|  |
| No booking |
|  |

**Cancel booked seats**Enter 3, user can decide whether he/she wants to cancel the existing booking or not.

|  |
| --- |
| Have booking |
|  |
| No booking |
| Text  Description automatically generated |

**Cancel Confirmation**  
Enter y to cancel the booking,  
  
Enter n to cancel the cancel booking action  
Text, timeline

Description automatically generated  
User cancel the booking, if it is within the valid booking period.  
Text

Description automatically generated  
User cannot cancel the booking, when the valid booking period expired.  
Text

Description automatically generated **Return to main menu**Enter 4, Buyer journey ends here and return back to the main menu  
Text

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 **Exit application**Enter q (or Q), user will exit the application.  
Text

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**Error Handling**  
All invalid input will be handled with error scenarios:

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| **Main Menu Error Handling** |
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| **Admin Menu Error Handling** |
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| **Buyer Menu Error Handling** |
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