

Week 1 Take Home Assignment: Movie Ticket Booking System UI Design

ISB Cinema, a newly established digital cinema platform is looking to enhance its user experience by developing a **Movie Ticket Booking System**. The system should allow users to select their preferred **movie, time slot, and seat**, while also providing options for **VIP or Regular seating and additional extras** like popcorn and drinks.

Your task is to design and implement a **graphical user interface (GUI)** for the system using **Java Swing**. Your UI should resemble the given reference image, ensuring proper alignment, and layout.


Task Instructions

1. The UI must include:
 - A cinema logo and details (e.g., name, address, contact).
 - A form section with:
 - Input fields for Name and Phone Number.
 - A dropdown for movie selection.
 - Buttons for selecting time slots.
 - Radio buttons for VIP/Regular selection.
 - Checkboxes for selecting extras (popcorn, drinks).
 - A seat selection area displaying available seats as buttons.
 - A book button for submitting the selection.
2. Use proper layout managers as explained in the class before.
3. Ensure the screen label is displayed above the seating area.
4. The seat numbering rules should be appropriate.
5. If you use external assets (e.g., images for the logo), include them in the project folder.
6. Submit the compressed file **NIM_YourName_MovieTicketBooking.zip** to the elearn.

Scoring:

- | | |
|---|------------|
| ● All required UI components (logo, form, seat selection) are present | 0 / 5 / 10 |
| ● Uses appropriate layout managers | 0 / 5 |
| ● UI elements are properly aligned and structured. | 0 / 5 / 10 |
| ● Buttons, dropdowns, radio buttons and checkboxes work as expected. | 0 / 5 |
| ● Screen and seats are properly displayed and numbered. | 0 / 5 |
| ● Code is well-structured and uses appropriate variable names | 0 / 5 |
| ● Plagiarism | -100 / 0 |

Movie Ticket Booking



ISB Cinema

Jl. Teknologi No. 123, Surabaya, Jawa Timur, Indonesia
+62 812-3456-7890 (Customer Service)

Movie Ticket Booking

Name

Phone

Movie

Avatar 2

Time

10.00

12.00

14.10

16.00

18.30

20.00

Type

☐ VIP

☐ Regular

Extras

☐ Popcorn

☐ Drink

Screen

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14
G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14
F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14
E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12	E13	E14
D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14

BOOK

Asset Logo:

https://drive.google.com/file/d/1bp99kcMxAHN0uIIX3GxRpuTY_rLAi5bG/view?usp=sharing