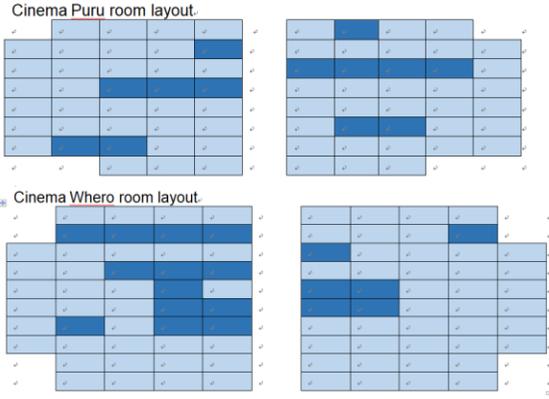
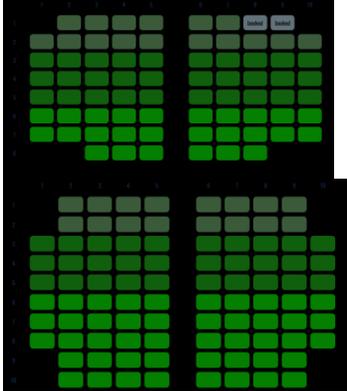


## Online Seat Reservation System for cinema Test Case

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
1.1. User should be able to select a date, time and cinema room.	<ol style="list-style-type: none"> <li>1. Open the landing page, choose "Puru" room, and follow the "Click me to book tickets now" button.</li> <li>2. Click on date picker and select 29 May 2019.</li> <li>3. User select from available time: "13:00-15:30"</li> </ol>	<ul style="list-style-type: none"> <li>✧ User can choose a room.</li> <li>✧ User is able to enter date " 29 May 2019)</li> <li>✧ time selection is available ( 10.am, 1pm, 4pm, 7pm) and user can select 1pm</li> <li>✧ Different room list is available (Puru, Whero) User select "Puru", before switching rooms, there should be warning about change may happens.</li> <li>✧ User selections summary is displayed on the top of page</li> <li>✧ date picker only allow today date or later ( no past dates)</li> <li>✧ Message "Please select date from XX XXX" (XX XXX is <b>today date!</b>)</li> </ul>	<ul style="list-style-type: none"> <li>✧ User can choose a room on the booking index page and on top of the booking page.</li> <li>✧ User is able to choose the date with the date picker.</li> <li>✧ There are four sessions for the movie. User is able to choose the 13:00 session.</li> <li>✧ User is able to switch to Whero room, before switching, a warning message showed "the ticket info... want to keep going?"</li> <li>✧ Selection summary is displayed on the right hand side.</li> <li>✧ Date picker is not set to "today". Need to fix.</li> <li>✧ No ""Please select date from XX XXX""message show. Need to fix in later version</li> </ul>
1.2. User should not be able to select a date in the past	<ol style="list-style-type: none"> <li>1. Go in to the booking page.</li> <li>2. Select date.</li> <li>3. Choose a day before today.</li> </ol>	<ul style="list-style-type: none"> <li>✧ User should not be able to select the past date</li> <li>✧ Date picker reset to today.</li> </ul>	<ul style="list-style-type: none"> <li>✧ User can select a past date.</li> <li>✧ Need to fix in later version.</li> </ul>

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
2.1. Layout of each room is displayed correctly – same as in requirements	Go in to the booking page.	 <p>Cinema Puru room layout.</p> <p>Cinema Where room layout.</p>	 <p>Layouts are the same with requirement</p>
2.2. User must be able to dynamically see row number, seat number and cost	1. Go in to the booking page. 2. mouse hovers on different seats	✧ User should be able to see row number, seat number and cost dynamically	✧ Seat shape is changed and displays the correspondent row number, seat number and cost dynamically.
2.3. Already booked seats clearly indicated in layout and user should not be able to select them for booking.	1. Go in to the booking page. 2. The local storage has two default seats booked on the 15 <sup>th</sup> April 2019 in Puru room, 1_8 and 1_9	✧ User should not be able to select the booked seats.	✧ User cannot choose the booked seat. The booked seat is marked in grey color and the mouse cursor turns to the “stop” sign, meaning unable to select.

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
2.4. Seats from different rows must have different price range.	<ol style="list-style-type: none"> <li>Go in to the booking page.</li> <li>Mouse hovers on each of the rows with different color.</li> <li>Go in the Whero room</li> <li>Mouse hovers on each of the rows with different color.</li> </ol>	<ul style="list-style-type: none"> <li>User should be able to see the seats in first two rows display the price of \$20,</li> <li>The next three rows display the price of \$23,</li> <li>The rest of the rows display \$25.</li> </ul>	<ul style="list-style-type: none"> <li>In both Puru and Whero rooms, User is able to see:</li> <li>The seats in first two rows in one type of color display the price of \$20.</li> <li>The seats in next three rows in one type of color display the price of \$23.</li> <li>The rest of seats in one type of color display the price of \$25.</li> </ul>
3.1. If user wants to change their booking selection they system should be able to update dynamically	<ol style="list-style-type: none"> <li>Go in to the booking page, Select "Pursue of Happiness", in the Puru room use date picker to select a date: 29 may 2019, and select the following seats: 1_8, 2_8, 3_8, 6_8, 7_8, and click on confirm.</li> <li>Click on Modify, change the selection, and drop the 6_8 and 7_8.</li> </ol>	<p>Upon booking the user has a summary of the booking information and total price, by modifying the seats number The user should have an updated price.</p> <p>The total price should be \$113 before modifying.</p> <p>The total price should change to \$63 after booking selection is changed</p>	<ul style="list-style-type: none"> <li>The total price was \$113 before modifying.</li> <li>The total price has changed to \$63 after booking selection is changed</li> </ul>
4.1. On user conformation the booking system should calculate price of dynamically.	Go in to the booking page, Select "Pursue of Happiness", in the Puru room use date picker to select a date: 29 may 2019, and select the following seats: 1_8, 2_8, 3_8, 6_8, 7_8, and click on confirm.	<ul style="list-style-type: none"> <li>The user should be able to see a summary.</li> <li>The user can see the total sum goes up while more seats are selected</li> </ul>	<ul style="list-style-type: none"> <li>The user can see a summary of their ticket purchased on the right hand side.</li> <li>The price sum information goes up while adding more seats.</li> </ul>

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
4.2. User should be able to see summary for booking with date, time, name of the cinema room, seats numbers, cost for each seat and total cost.	Continue with case 4.1 inputs.	The user should be able to see a summary of booking with date, time, name of the cinema room, seats numbers, cost for each seat and total cost.	The movie name, date and time, the name of the cinema room, seat number information, seat count and total sum are displayed in the right hand side of the page.
5.1. After booking conformation is done seats should be unavailable.	<ol style="list-style-type: none"> <li>1. Continue with case 4.1 inputs.</li> <li>2. Confirm the booking.</li> <li>3. Select a random date with the date picker.</li> <li>4. Go back to the booked date 29<sup>th</sup> May 2019.</li> <li>5. Selected the booked seats</li> </ol>	<ul style="list-style-type: none"> <li>✧ The user can see the seats of 1_8, 2_8, 3_8, 6_8 and 7_8 are marked as booked.</li> <li>✧ The user should not be able to select any of the seats marked as booked.</li> </ul>	<ul style="list-style-type: none"> <li>✧ The user can see the seats of 1_8, 2_8, 3_8, 6_8 and 7_8 are marked as booked.</li> <li>✧ The user cannot select any of the seats marked as booked.</li> </ul>

**Tester: Li Qi**

**Date: 24<sup>th</sup> May 2019.**