

Assignment 7

Submitted by Vijit

1. Form submission with phone number display.

Code:

```
<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Assignment 7(1)</title>
    <script src="https://code.jquery.com/jquery-3.7.1.js" integrity="sha256-eKhayi8LEQwp4NKxN+CfCh+3qOVUtJn3QNZ0TciWLP4=" crossorigin="anonymous"></script>
<script>
    $(document).ready(function(){
        $("#form1").submit(function(e){
            e.preventDefault();
            let user = $("#phone").val();
            console.log("Hai! Successfully registered with mobile number "+user+" further details will be shared to your email");
            $("#res").text("Hai! Successfully registered with mobile number "+user+" further details will be shared to your email");
        });
    });
</script>
<style>
    table, th, td {
        border: 1px solid black;
        border-collapse: collapse;
    }
</style>
```

```
}
```

```
table {  
background: linear-gradient(135deg, #e6ffe6, #ccffcc, #b3ffb3);  
border: 1px solid #fcb69f;  
border-collapse: collapse;  
width: 100%;  
box-shadow: 2px 2px 10px rgba(144, 238, 144, 0.3);  
border-radius: 8px;  
}
```

```
th, td {  
text-align: left;  
padding-top: 20px;  
padding-bottom: 20px;  
padding-left: 30px;  
padding-right: 40px;  
font-size: 20px;  
color: #064d1f; /* Dark green text */  
}
```

```
.button1 {  
background-color: #4CAF50;  
color: white;  
border: none;  
padding: 12px 24px;  
font-size: 16px;  
border-radius: 10px;
```

```

        box-shadow: 0 0 10px #4CAF50, 0 0 20px #66bb6a;

        cursor: pointer;

        transition: 0.3s ease-in-out;

    }

.button1:hover {

    background-color: #66bb6a;

    box-shadow: 0 0 15px #66bb6a, 0 0 30px #81c784;

}

</style>

</head>

<body>

<div>

    <h1 style="text-align: center;"> Register for Learning</h1>

    <center>

        <form id="form1">

            <table id="offertable" border="1px solid" style=" border-collapse: collapse;">

                <tr><th colspan="2" style="text-align: center;">Sign Up</th>

                <tr><th>Name</th>

                    <td><input type= "text" placeholder=" Enter your full name:" id="name" required pattern="[A-Za-z0-9 ]+"><br> <span id="namelocation" class="error" style="text-decoration-color: red; display: none;">Name field cannot be empty</span></td></tr>

                <tr><th>Contact</th>

                    <td><input type="number" placeholder="Enter your mobile number" id="phone" name="phone" required pattern="{10}[0-9]"></td></tr>

                <tr><th>E-mail</th>

                    <td><input type="email" id="mail" name="Mail" placeholder="Enter your e-mail id:" required><br> <span id="maillocation" class="error" style="text-decoration-color: red; display: none;">E-mail field cannot be empty.</span></td></tr>


```

```

</table><br>

<button id="sub1" class="button1" type="submit">Enroll</button>

</form>

<p id="res"></p></center>

</div>

</body>

</html>
=====
```

Snapshot:

Register for Learning

| Sign Up | |
|---------|---|
| Name | <input type="text" value="Vijit"/> |
| Contact | <input type="text" value="9156884140"/> |
| E-mail | <input type="text" value="vijit@5123.com"/> |

Hai! Successfully registered with mobile number 9156884140 further details will be shared to your email

2. Display with different colours for specific fields.

Code :

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Assignment7(2)</title>

</head>
```

```
<style>

    table, th, td {
        border: 1px solid black;
        border-collapse: collapse;
    }

    table {
        background: linear-gradient(135deg, #e6ffe6, #ccffcc, #b3ffb3);
        border: 1px solid #fcb69f;
        border-collapse: collapse;
        width: 50%;
        box-shadow: 2px 2px 10px rgba(144, 238, 144, 0.3);
        border-radius: 8px;
    }

    /* .hf{
        background-color: red;
    }

    .gf{
        background-color: yellow;
    } */

</style>

<body>

    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

    <script>
        $(document).ready(function() {
            $('.hf').css({
                'background-color': 'red',

```

```
'font-weight': 'bold'

});

// Gryffindor (yellow background, bold text)

$('.gf').css({
  'background-color': 'yellow',
  'font-weight': 'bold'
});

});

</script>

<div>

  <h1 style="text-align: center;"> Hogwarts school of Witchcraft and Wizardry</h1>

  <center>

    <form id="form1" onsubmit="handleSubmit(event)">

      <table id="offertable" border="1px solid" style=" border-collapse: collapse;">

        <tr ><th colspan="2" style="text-align: center;">Sign Up</th>

        <tr><th>Name</th>
          <th>House Name</th></tr>

        <tr><td class="hf">Ernie Macmillan</td>
          <td class="hf">Hufflepuff</td></tr>

        <tr><td>Terry Boot</td>
          <td>Ravenclaw</td></tr>

        <tr><td class="gf">Neville Longbottom </td>
          <td class="gf">Gryffindor</td></tr>

        <tr><td>Mandy Brocklehurst</td>
          <td>Ravenclaw</td></tr>

        <tr><td class="hf">Justin Finch Fletchley</td>
          <td class="hf">Hufflepuff</td></tr>
```

```
<tr><td>Draco Malpuff</td>
<td>Slytherin</td></tr>
<tr><td>Vincent Craby</td>
<td>Slytherin</td></tr>
<tr><td class="gf">Hermoine Granger</td>
<td class="gf">Gryffindor</td></tr>
<tr><td class="hf">Justin Flinch Fletchley</td>
<td class="hf">Hufflepuff</td></tr>
<tr><td>Terry Boot</td>
<td>Ravenclaw</td></tr>
<tr><td class="gf">Neville Longbottom </td>
<td class="gf">Gryffindor</td></tr>
<tr><td>Mandy Brocklehurst</td>
<td>Ravenclaw</td></tr>
<tr><td>Justin Finch Fletchley</td>
<td >Hufflepuff</td></tr>
<tr><td>Draco Malpuff</td>
<td>Slytherin</td></tr>
<tr><td>Vincent Craby</td>
<td>Slytherin</td></tr>
<tr><td class="gf">Hermoine Granger</td>
<td class="gf">Gryffindor</td></tr>
<tr><td>Justin Flinch Fletchley</td>
<td >Hufflepuff</td></tr>

</table>
```

```
</body>
```

```
</html>
```

Snapshot:

Hogwarts school of Witchcraft and Wizardry

| Sign Up | |
|-------------------------|------------|
| Name | House Name |
| Ernie Macmillan | Hufflepuff |
| Terry Boot | Ravenclaw |
| Neville Longbottom | Gryffindor |
| Mandy Brocklehurst | Ravenclaw |
| Justin Finch Fletchley | Hufflepuff |
| Draco Malpuff | Slytherin |
| Vincent Craby | Slytherin |
| Hermoine Granger | Gryffindor |
| Justin Flinch Fletchley | Hufflepuff |
| Terry Boot | Ravenclaw |
| Neville Longbottom | Gryffindor |
| Mandy Brocklehurst | Ravenclaw |
| Justin Finch Fletchley | Hufflepuff |
| Draco Malpuff | Slytherin |
| Vincent Craby | Slytherin |
| Hermoine Granger | Gryffindor |
| Justin Flinch Fletchley | Hufflepuff |

3. Login & Sign up form that needs users to Sign up first and then Login. Later the data is stored in LocalStorage in an array named User.

Code:

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Login & Sign Up</title>

<script src="https://code.jquery.com/jquery-3.7.1.min.js"></script>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">

</head>

<body class="bg-light p-5">

<div class="container">

<div class="row justify-content-center">

<div class="col-md-6">
```

```
<!-- Login Form -->

<div id="loginForm" class="card p-4 shadow">
  <h3 class="mb-3">Login</h3>
  <div class="mb-3">
    <label for="loginUsername" class="form-label">Username</label>
    <input type="text" class="form-control" id="loginUsername" required>
  </div>
  <div class="mb-3">
    <label for="loginPassword" class="form-label">Password</label>
    <input type="password" class="form-control" id="loginPassword" required>
  </div>
  <button id="loginBtn" class="btn btn-primary w-100">Login</button>
  <p class="mt-3 text-center">
    Don't have an account?
    <a href="#" id="showSignup">Create an account</a>
    <br> <button id="deleteAccountBtn" class="btn btn-danger mt-3 d-none">Delete My Account</button>
  </p>
</div>

<!-- Signup Form -->

<div id="signupForm" class="card p-4 shadow d-none">
  <h3 class="mb-3">Sign Up</h3>
  <div class="mb-3">
    <label for="signupUsername" class="form-label">Username</label>
    <input type="text" class="form-control" id="signupUsername" required>
  </div>
</div>
```

```
</div>

<div class="mb-3">
    <label for="signupPassword" class="form-label">Password</label>
    <input type="password" class="form-control" id="signupPassword" required>
</div>

<button id="signupBtn" class="btn btn-success w-100">Sign Up</button>

<p class="mt-3 text-center">
    Already have an account?
    <a href="#" id="showLogin">Sign In</a>
</p>
</div>

<!-- Alert Message -->
<div id="alert" class="alert mt-3 d-none" role="alert"></div>

</div>
</div>
</div>

<script>
$(document).ready(function () {
    // Show Sign Up
    $('#showSignup').click(function (e) {
        e.preventDefault();
        $('#loginForm').addClass('d-none');
        $('#signupForm').removeClass('d-none');
        $('#alert').addClass('d-none');
        $('#loginUsername, #loginPassword').val("");
    });
});
```

```
});

// Show Login
$('#showLogin').click(function (e) {
  e.preventDefault();
  $('#signupForm').addClass('d-none');
  $('#loginForm').removeClass('d-none');
  $('#alert').addClass('d-none');
  $('#signupUsername, #signupPassword').val("");
});

// Sign Up Handler
$('#signupBtn').click(function () {
  const username = $('#signupUsername').val().trim();
  const password = $('#signupPassword').val().trim();

  // Get existing users from localStorage
  let users = JSON.parse(localStorage.getItem('users')) || [];

  // Check if user already exists
  const userExists = users.find(user => user.username === username);
  if (userExists) {
    showAlert('User already exists. Please log in.', 'danger');
    $('#signupUsername, #signupPassword').val("");
    return;
  }

  // Add new user to the array
  users.push({
    username: username,
    password: password
  });
  localStorage.setItem('users', JSON.stringify(users));
});
```

```
users.push({ username, password });

// Store updated users array
localStorage.setItem('users', JSON.stringify(users));

showAlert('Sign-up successful! You can now log in.', 'success');
$('#signupForm').addClass('d-none');
$('#loginForm').removeClass('d-none');
$('#signupUsername, #signupPassword').val('');
});

// Login Handler
$('#loginBtn').click(function () {
const username = $('#loginUsername').val().trim();
const password = $('#loginPassword').val().trim();

// Get users from localStorage
const users = JSON.parse(localStorage.getItem('users')) || [];

// Find the user
const matchedUser = users.find(user => user.username === username &&
user.password === password);

if (matchedUser) {
showAlert('Login successful!', 'success');
localStorage.setItem('loggedInUser', username);
$('#deleteAccountBtn').removeClass('d-none');
} else {
```

```
showAlert('Incorrect username or password, or user does not exist.', 'danger');

}

$('#loginUsername, #loginPassword').val('');

});




$('#deleteAccountBtn').click(function () {

const username = localStorage.getItem('loggedInUser');

if (!username) {

showAlert('No user logged in.', 'danger');

return;

}

// Get existing users and remove the logged-in one

let users = JSON.parse(localStorage.getItem('users')) || [];

users = users.filter(user => user.username !== username);

localStorage.setItem('users', JSON.stringify(users));




// Clear login state

localStorage.removeItem('loggedInUser');

showAlert('Your account has been deleted.', 'success');






// Reset form view

$('#LoginForm').removeClass('d-none');

$('#signupForm').addClass('d-none');

$('#deleteAccountBtn').addClass('d-none');

$('#loginUsername, #loginPassword').val('');

});




$(document).ready(function () {
```

```
const loggedInUser = localStorage.getItem('loggedInUser');

if (loggedInUser) {
    $('#deleteAccountBtn').removeClass('d-none');
} else {
    $('#deleteAccountBtn').addClass('d-none');
}

});

function showAlert(message, type) {
    $('#alert')
        .removeClass()
        .addClass(` alert alert-${type}`)
        .text(message)
        .removeClass('d-none');
}

});

</script>

</body>
</html>
```

Snapshot:

Login

Username

Password

Don't have an account? [Create an account](#)

Incorrect username or password, or user does not exist.

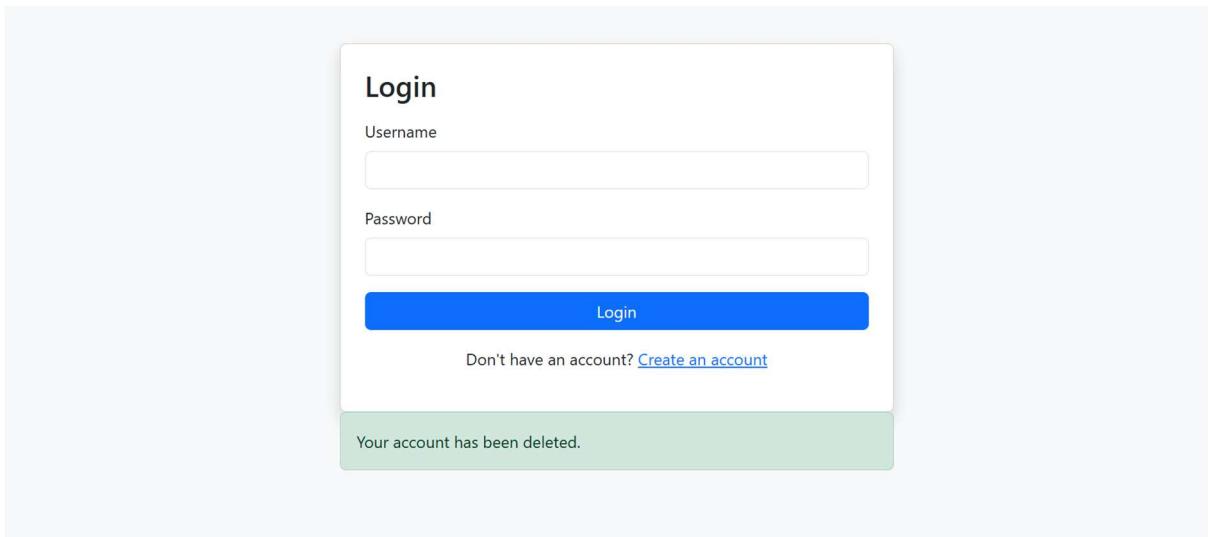
Login

Username

Password

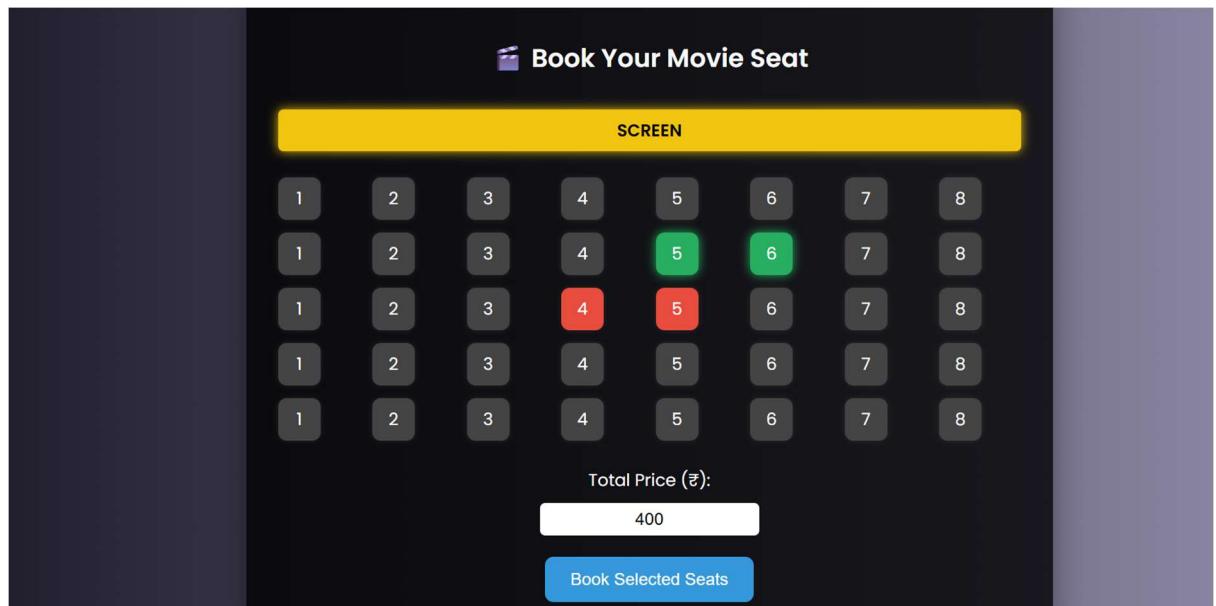
Don't have an account? [Create an account](#)

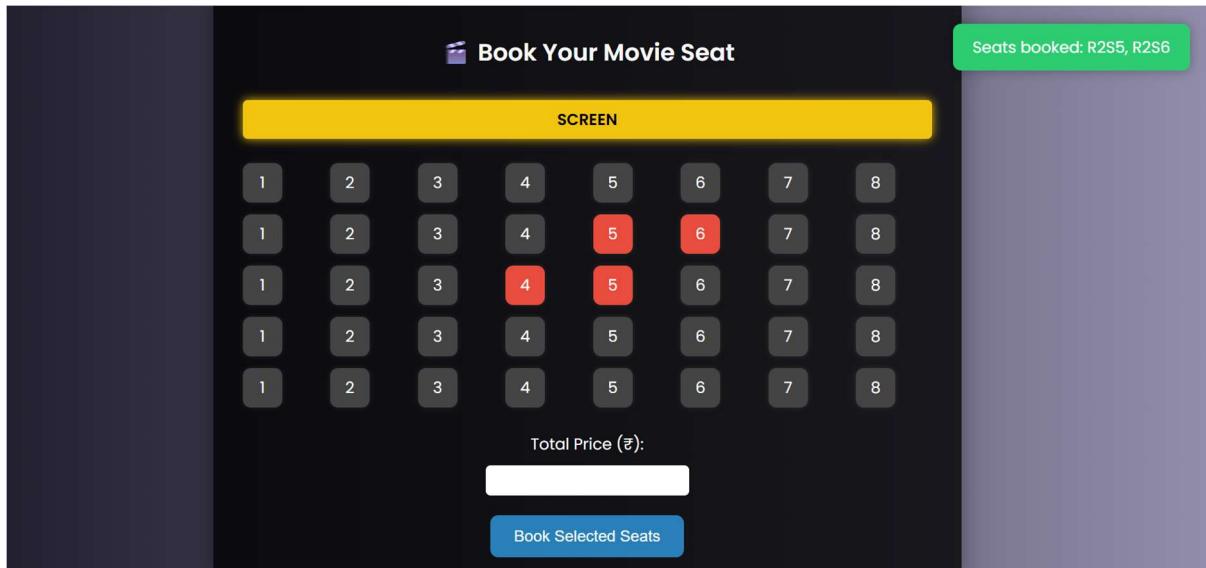
Login successful!



4. Movie Ticket Booking

Snapshot:





```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Modern Movie Seat Booking</title>
<script src="https://code.jquery.com/jquery-3.7.1.min.js"></script>
<link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;600&display=swap" rel="stylesheet">
<style>
body {
    font-family: 'Poppins', sans-serif;
    background: linear-gradient(to right, #1f1c2c, #928dab);
    color: #fff;
    margin: 0;
    padding: 40px 20px;
    display: flex;
```

```
justify-content: center;  
}  
  
.container {  
    max-width: 700px;  
    width: 100%;  
    background: rgba(0, 0, 0, 0.8);  
    padding: 30px;  
    border-radius: 12px;  
    box-shadow: 0 0 30px rgba(0,0,0,0.4);  
}  
  
h2 {  
    text-align: center;  
    margin-bottom: 30px;  
    font-weight: 600;  
    color: #f9f9f9;  
}  
  
.screen {  
    background: #f1c40f;  
    color: #000;  
    padding: 8px;  
    text-align: center;  
    border-radius: 5px;  
    margin-bottom: 25px;  
    font-weight: bold;  
    box-shadow: 0 0 10px #f1c40f;
```

```
}

.seats-grid {
    display: grid;
    grid-template-columns: repeat(8, 1fr);
    gap: 12px;
    justify-content: center;
    margin-bottom: 25px;
}
```

```
.seat {
    width: 40px;
    height: 40px;
    background: #444;
    border-radius: 8px;
    cursor: pointer;
    text-align: center;
    line-height: 40px;
    font-weight: 500;
    transition: all 0.3s ease;
    box-shadow: 0 0 5px rgba(255,255,255,0.1);
}
```

```
.seat:hover:not(.taken):not(.selected) {
    background: #666;
    transform: scale(1.05);
}
```

```
.seat.selected {  
background: #27ae60;  
box-shadow: 0 0 10px #27ae60;  
}  
  
.seat.taken {  
background: #e74c3c;  
cursor: not-allowed;  
color: #fff;  
}  
  
.actions {  
text-align: center;  
margin-top: 20px;  
}  
  
button {  
background-color: #3498db;  
border: none;  
padding: 12px 24px;  
color: white;  
font-size: 16px;  
border-radius: 8px;  
cursor: pointer;  
transition: background-color 0.3s ease;  
}  
  
button:hover {
```

```
background-color: #2980b9;  
}
```

```
.alert {  
    text-align: center;  
    margin-top: 20px;  
    padding: 10px;  
    border-radius: 8px;  
    font-weight: bold;  
}
```

```
.alert-success {  
    background-color: #2ecc71;  
    color: white;  
}
```

```
.alert-warning {  
    background-color: #f39c12;  
    color: white;  
}
```

```
.price-box {  
    text-align: center;  
    margin-bottom: 10px;  
}
```

```
.price-box input {  
    max-width: 200px;
```

```
text-align: center;  
margin-top: 10px;  
font-size: 16px;  
padding: 6px;  
border-radius: 5px;  
border: none;  
}  
  
@media (max-width: 600px) {  
    .seats-grid {  
        grid-template-columns: repeat(4, 1fr);  
    }  
  
    .seat {  
        width: 36px;  
        height: 36px;  
        line-height: 36px;  
    }  
}  
  
.toast-container {  
    position: fixed;  
    top: 20px;  
    right: 20px;  
    z-index: 9999;  
}  
  
.toast-box {  
    background-color: #2ecc71;
```

```
color: white;  
padding: 12px 20px;  
border-radius: 8px;  
margin-bottom: 10px;  
font-weight: 500;  
box-shadow: 0 0 12px rgba(0,0,0,0.3);  
animation: fadeIn 0.4s ease;  
}  
  
.toast-warning {  
background-color: #f39c12;  
}  
  
@keyframes fadeIn {  
from { opacity: 0; transform: translateY(-10px); }  
to { opacity: 1; transform: translateY(0); }  
}  
  
</style>  
</head>  
<body>  
  
<div class="container">  
  <h2>🎬 Book Your Movie Seat</h2>  
  
<div class="screen">SCREEN</div>  
  
<div class="seats-grid" id="seatLayout"></div>
```

```
<div class="price-box">  
    <label for="totalAmount">Total Price (₹):</label><br>  
    <input type="text" id="totalAmount" readonly>  
</div>  
  
<div class="actions">  
    <button id="bookBtn">Book Selected Seats</button>  
</div>  
  
</div>  
  
<script>  
    const rows = 5;  
    const cols = 8;  
    const maxSeats = 10;  
    const ticketPrice = 200;  
  
    $(document).ready(function () {  
        const seatContainer = $('#seatLayout');  
        let bookedSeats = JSON.parse(localStorage.getItem('bookedSeats')) || [];  
  
        // Create seats  
        for (let r = 1; r <= rows; r++) {  
            for (let c = 1; c <= cols; c++) {  
                const seatId = `R${r}S${c}`;  
                const seat = `$(<div>)`  
                    .addClass('seat')
```

```
.attr('id', seatId)
.text(c);

if (bookedSeats.includes(seatId)) {
    seat.addClass('taken');
}

seatContainer.append(seat);
}

// Seat click handler
$('.seat').on('click', function () {
    if ($(this).hasClass('taken')) return;

    if (!$(this).hasClass('selected') && $('.seat.selected').length >= maxSeats) {
        showStatus(`You can only book up to ${maxSeats} seats.`, 'warning');
        return;
    }

    $(this).toggleClass('selected');
    updateTotal();
});

// Booking handler
$('#bookBtn').click(function () {
    const selected = $('.seat.selected').map(function () {
        return $(this).attr('id');
    });
})
```

```
}).get();

if (selected.length === 0) {
    showStatus('Please select at least one seat.', 'warning');
    return;
}

bookedSeats = [...bookedSeats, ...selected];
localStorage.setItem('bookedSeats', JSON.stringify(bookedSeats));

$('.seat.selected').each(function () {
    $(this).removeClass('selected').addClass('taken');
});

$('#totalAmount').val("");
showStatus(` Seats booked: ${selected.join(', ')}` , 'success');
});

function updateTotal() {
    const count = $('.seat.selected').length;
    $('#totalAmount').val(count * ticketPrice);
}

function showStatus(msg, type) {
    const toastId = ` toast-${Date.now()}`;
    const toast = $(`

`+
        <div id="${toastId}" class="toast-box toast-${type}">


```

```
 ${msg}

</div>

` );

$('#toastContainer').append(toast);

setTimeout(() => {
  `#${toastId}`).fadeOut(500, function () {
    $(this).remove();
  });
}, 5000);

}

});

</script>

<div id="toastContainer" class="toast-container"></div>

</body>

</html>
```