```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>MediBook - Doctor Appointment System</title>
  <style>
    :root {
      --primary: #4a6fa5;
      --secondary: #166088;
      --accent: #4fc3f7;
      --light: #f8f9fa;
      --dark: #343a40;
      --success: #28a745;
      --warning: #ffc107;
      --danger: #dc3545;
    }

    * {
      box-sizing: border-box;
      margin: 0;
      padding: 0;
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    }

    body {
      background-color: #f5f7fa;
      color: var(--dark);
      line-height: 1.6;
    }

    header {
      background-color: var(--primary);
```

```css
    color: white;
    padding: 1rem 2rem;
    display: flex;
    justify-content: space-between;
    align-items: center;
    box-shadow: 0 2px 5px rgba(0,0,0,0.1);
}

.logo {
    font-size: 1.5rem;
    font-weight: bold;
}

nav ul {
    display: flex;
    list-style: none;
}

nav ul li {
    margin-left: 1.5rem;
}

nav ul li a {
    color: white;
    text-decoration: none;
    font-weight: 500;
}

.container {
    max-width: 1200px;
    margin: 2rem auto;
    padding: 0 1rem;
}
```

```css
.hero {
    background: linear-gradient(135deg, var(--primary), var(--secondary));
    color: white;
    padding: 3rem 2rem;
    border-radius: 8px;
    margin-bottom: 2rem;
    text-align: center;
}

.search-container {
    background: white;
    padding: 2rem;
    border-radius: 8px;
    box-shadow: 0 2px 10px rgba(0,0,0,0.1);
    margin-bottom: 2rem;
}

.search-form {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(200px, 1fr));
    gap: 1rem;
}

.form-group {
    margin-bottom: 1rem;
}

label {
    display: block;
    margin-bottom: 0.5rem;
    font-weight: 500;
}
```

```css
select, input {
    width: 100%;
    padding: 0.75rem;
    border: 1px solid #ddd;
    border-radius: 4px;
    font-size: 1rem;
}

button {
    background-color: var(--primary);
    color: white;
    border: none;
    padding: 0.75rem 1.5rem;
    border-radius: 4px;
    cursor: pointer;
    font-size: 1rem;
    font-weight: 500;
    transition: background-color 0.3s;
}

button:hover {
    background-color: var(--secondary);
}

.btn-success {
    background-color: var(--success);
}

.btn-warning {
    background-color: var(--warning);
    color: var(--dark);
}
```

```css
.doctors-list {
    display: grid;
    grid-template-columns: repeat(auto-fill, minmax(300px, 1fr));
    gap: 1.5rem;
}

.doctor-card {
    background: white;
    border-radius: 8px;
    overflow: hidden;
    box-shadow: 0 2px 10px rgba(0,0,0,0.1);
    transition: transform 0.3s;
}

.doctor-card:hover {
    transform: translateY(-5px);
}

.doctor-image {
    height: 200px;
    background-color: #eee;
    background-size: cover;
    background-position: center;
}

.doctor-info {
    padding: 1.5rem;
}

.doctor-name {
    font-size: 1.25rem;
    margin-bottom: 0.5rem;
```

```css
}

.doctor-specialty {
    color: var(--secondary);
    font-weight: 500;
    margin-bottom: 0.5rem;
}

.doctor-rating {
    display: flex;
    align-items: center;
    margin-bottom: 1rem;
}

.stars {
    color: var(--warning);
    margin-right: 0.5rem;
}

.rating-count {
    color: #666;
    font-size: 0.9rem;
}

.doctor-actions {
    display: flex;
    justify-content: space-between;
    margin-top: 1rem;
}

.modal {
    display: none;
    position: fixed;
```

```css
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    background-color: rgba(0,0,0,0.5);
    z-index: 1000;
    justify-content: center;
    align-items: center;
}

.modal-content {
    background: white;
    padding: 2rem;
    border-radius: 8px;
    width: 90%;
    max-width: 500px;
    max-height: 90vh;
    overflow-y: auto;
}

.close-modal {
    float: right;
    font-size: 1.5rem;
    cursor: pointer;
}

.review-form textarea {
    width: 100%;
    padding: 0.75rem;
    border: 1px solid #ddd;
    border-radius: 4px;
    margin-bottom: 1rem;
    min-height: 100px;
```

```css
}

.reviews-list {
    margin-top: 1.5rem;
}

.review-item {
    border-bottom: 1px solid #eee;
    padding: 1rem 0;
}

.review-header {
    display: flex;
    justify-content: space-between;
    margin-bottom: 0.5rem;
}

.review-author {
    font-weight: 500;
}

.review-date {
    color: #666;
    font-size: 0.9rem;
}

.appointment-form {
    display: grid;
    gap: 1rem;
}

.calendar {
    display: grid;
```

```css
    grid-template-columns: repeat(7, 1fr);
    gap: 0.5rem;
    margin-bottom: 1rem;
}

.calendar-header {
    font-weight: 500;
    text-align: center;
}

.calendar-day {
    padding: 0.5rem;
    text-align: center;
    border: 1px solid #eee;
    cursor: pointer;
}

.calendar-day:hover {
    background-color: #f0f0f0;
}

.calendar-day.selected {
    background-color: var(--primary);
    color: white;
}

.time-slots {
    display: grid;
    grid-template-columns: repeat(auto-fill, minmax(100px, 1fr));
    gap: 0.5rem;
    margin-bottom: 1rem;
}
```

```css
.time-slot {
    padding: 0.5rem;
    text-align: center;
    border: 1px solid #ddd;
    border-radius: 4px;
    cursor: pointer;
}

.time-slot:hover {
    background-color: #f0f0f0;
}

.time-slot.selected {
    background-color: var(--primary);
    color: white;
}

.time-slot.booked {
    background-color: #eee;
    color: #999;
    cursor: not-allowed;
}

.user-section {
    display: none;
}

.logged-in .user-section {
    display: block;
}

.logged-in .auth-buttons {
    display: none;
```

```
      }

      @media (max-width: 768px) {
          .search-form {
              grid-template-columns: 1fr;
          }

          .doctors-list {
              grid-template-columns: 1fr;
          }

          nav ul {
              display: none;
          }
      }
  </style>
</head>
<body>
  <header>
      <div class="logo">MediBook</div>
      <nav>
          <ul class="auth-buttons">
              <li><a href="#" id="login-btn">Login</a></li>
              <li><a href="#" id="register-btn">Register</a></li>
          </ul>
          <div class="user-section">
              <span id="username-display"></span>
              <a href="#" id="logout-btn">Logout</a>
          </div>
      </nav>
  </header>

  <div class="container">
```

```html
<section class="hero">
    <h1>Find & Book Appointments with Top Doctors</h1>
    <p>Read reviews, check availability, and book instantly</p>
</section>

<section class="search-container">
    <h2>Find Your Doctor</h2>
    <form id="search-form" class="search-form">
        <div class="form-group">
            <label for="specialty">Specialty</label>
            <select id="specialty">
                <option value="">All Specialties</option>
                <option value="Cardiology">Cardiology</option>
                <option value="Dermatology">Dermatology</option>
                <option value="Pediatrics">Pediatrics</option>
                <option value="Orthopedics">Orthopedics</option>
                <option value="Neurology">Neurology</option>
            </select>
        </div>
        <div class="form-group">
            <label for="location">Location</label>
            <select id="location">
                <option value="">All Locations</option>
                <option value="New York">New York</option>
                <option value="Los Angeles">Los Angeles</option>
                <option value="Chicago">Chicago</option>
                <option value="Houston">Houston</option>
            </select>
        </div>
        <div class="form-group">
            <label for="availability">Availability</label>
            <select id="availability">
                <option value="">Any Time</option>
```

```html
                    <option value="today">Today</option>
                    <option value="week">This Week</option>
                    <option value="weekend">Weekend</option>
                </select>
            </div>
            <div class="form-group">
                <label for="rating">Minimum Rating</label>
                <select id="rating">
                    <option value="0">Any Rating</option>
                    <option value="3">3+ Stars</option>
                    <option value="4">4+ Stars</option>
                    <option value="4.5">4.5+ Stars</option>
                </select>
            </div>
            <button type="submit">Search</button>
        </form>
    </section>

    <section id="doctors-results">
        <h2>Available Doctors</h2>
        <div class="doctors-list" id="doctors-list">
            <!-- Doctors will be loaded here -->
        </div>
    </section>
</div>

<!-- Appointment Modal -->
<div class="modal" id="appointment-modal">
    <div class="modal-content">
        <span class="close-modal">&times;</span>
        <h2>Book Appointment</h2>
        <div id="appointment-doctor-info"></div>
        <form id="appointment-form" class="appointment-form">
```

```html
                <div class="form-group">
                    <label>Select Date</label>
                    <div class="calendar" id="calendar">
                        <!-- Calendar will be generated here -->
                    </div>
                </div>
                <div class="form-group">
                    <label>Available Time Slots</label>
                    <div class="time-slots" id="time-slots">
                        <!-- Time slots will be generated here -->
                    </div>
                </div>
                <div class="form-group">
                    <label for="appointment-notes">Notes (Optional)</label>
                    <textarea id="appointment-notes" placeholder="Any special requests or information"></textarea>
                </div>
                <button type="submit" class="btn-success">Confirm Appointment</button>
            </form>
        </div>
</div>

<!-- Reviews Modal -->
<div class="modal" id="reviews-modal">
    <div class="modal-content">
        <span class="close-modal">&times;</span>
        <h2>Doctor Reviews</h2>
        <div id="reviews-doctor-info"></div>
        <div class="reviews-list" id="reviews-list">
            <!-- Reviews will be loaded here -->
        </div>
        <div id="review-form-container">
            <h3>Write a Review</h3>
            <form id="review-form" class="review-form">
```

```html
            <div class="form-group">
                <label for="review-rating">Rating</label>
                <select id="review-rating" required>
                    <option value="">Select Rating</option>
                    <option value="5">5 Stars</option>
                    <option value="4">4 Stars</option>
                    <option value="3">3 Stars</option>
                    <option value="2">2 Stars</option>
                    <option value="1">1 Star</option>
                </select>
            </div>
            <div class="form-group">
                <label for="review-comment">Your Review</label>
                <textarea id="review-comment" required placeholder="Share your experience with this doctor"></textarea>
            </div>
            <button type="submit" class="btn-success">Submit Review</button>
        </form>
    </div>
  </div>
</div>

<!-- Login Modal -->
<div class="modal" id="login-modal">
   <div class="modal-content">
      <span class="close-modal">&times;</span>
      <h2>Login</h2>
      <form id="login-form">
        <div class="form-group">
           <label for="login-email">Email</label>
           <input type="email" id="login-email" required>
        </div>
        <div class="form-group">
           <label for="login-password">Password</label>
```

```html
            <input type="password" id="login-password" required>
        </div>
        <button type="submit">Login</button>
    </form>
  </div>
</div>

<!-- Register Modal -->
<div class="modal" id="register-modal">
  <div class="modal-content">
    <span class="close-modal">&times;</span>
    <h2>Register</h2>
    <form id="register-form">
        <div class="form-group">
            <label for="register-name">Full Name</label>
            <input type="text" id="register-name" required>
        </div>
        <div class="form-group">
            <label for="register-email">Email</label>
            <input type="email" id="register-email" required>
        </div>
        <div class="form-group">
            <label for="register-password">Password</label>
            <input type="password" id="register-password" required>
        </div>
        <div class="form-group">
            <label for="register-confirm">Confirm Password</label>
            <input type="password" id="register-confirm" required>
        </div>
        <button type="submit">Register</button>
    </form>
  </div>
</div>
```

```
<script>
    // Sample Data
    const doctors = [
        {
            id: 1,
            name: "Dr. Sarah Johnson",
            specialty: "Cardiology",
            location: "New York",
            image: "https://randomuser.me/api/portraits/women/65.jpg",
            rating: 4.8,
            reviews: 124,
            availableDates: ['2023-06-15', '2023-06-16', '2023-06-20'],
            availableTimes: ['09:00', '10:00', '11:00', '14:00', '15:00'],
            bookedAppointments: []
        },
        {
            id: 2,
            name: "Dr. Michael Chen",
            specialty: "Dermatology",
            location: "Los Angeles",
            image: "https://randomuser.me/api/portraits/men/32.jpg",
            rating: 4.5,
            reviews: 87,
            availableDates: ['2023-06-14', '2023-06-17', '2023-06-21'],
            availableTimes: ['08:00', '09:30', '11:00', '13:30', '15:00'],
            bookedAppointments: []
        },
        {
            id: 3,
            name: "Dr. Emily Wilson",
            specialty: "Pediatrics",
            location: "Chicago",
```

```
      image: "https://randomuser.me/api/portraits/women/44.jpg",
      rating: 4.9,
      reviews: 156,
      availableDates: ['2023-06-16', '2023-06-18', '2023-06-22'],
      availableTimes: ['10:00', '12:00', '14:00', '16:00'],
      bookedAppointments: []
    },
    {
      id: 4,
      name: "Dr. Robert Garcia",
      specialty: "Orthopedics",
      location: "Houston",
      image: "https://randomuser.me/api/portraits/men/75.jpg",
      rating: 4.3,
      reviews: 62,
      availableDates: ['2023-06-15', '2023-06-19', '2023-06-23'],
      availableTimes: ['08:00', '10:30', '13:00', '15:30'],
      bookedAppointments: []
    },
    {
      id: 5,
      name: "Dr. Jennifer Lee",
      specialty: "Neurology",
      location: "New York",
      image: "https://randomuser.me/api/portraits/women/28.jpg",
      rating: 4.7,
      reviews: 93,
      availableDates: ['2023-06-14', '2023-06-17', '2023-06-21'],
      availableTimes: ['09:00', '11:00', '14:00', '16:00'],
      bookedAppointments: []
    }
];
```

```javascript
const reviews = [
  {
    id: 1,
    doctorId: 1,
    patientName: "John Smith",
    rating: 5,
    comment: "Dr. Johnson was very thorough and took the time to explain everything clearly. Highly recommend!",
    date: "2023-05-10"
  },
  {
    id: 2,
    doctorId: 1,
    patientName: "Mary Johnson",
    rating: 4,
    comment: "Good experience overall, but the wait time was a bit long.",
    date: "2023-04-22"
  },
  {
    id: 3,
    doctorId: 2,
    patientName: "David Brown",
    rating: 5,
    comment: "Dr. Chen solved my skin issue that others couldn't. Excellent doctor!",
    date: "2023-05-15"
  }
];

// Initialize the app
document.addEventListener('DOMContentLoaded', function() {
  // Check if user is logged in
  const currentUser = JSON.parse(localStorage.getItem('currentUser'));
  if (currentUser) {
    document.body.classList.add('logged-in');
```

```javascript
        document.getElementById('username-display').textContent = currentUser.name;
    }

    // Load doctors
    renderDoctors(doctors);

    // Setup event listeners
    setupEventListeners();
});

function renderDoctors(doctorsToRender) {
    const doctorsList = document.getElementById('doctors-list');
    doctorsList.innerHTML = '';

    doctorsToRender.forEach(doctor => {
        const doctorCard = document.createElement('div');
        doctorCard.className = 'doctor-card';
        doctorCard.innerHTML = `
            <div class="doctor-image" style="background-image: url('${doctor.image}')"></div>
            <div class="doctor-info">
                <h3 class="doctor-name">${doctor.name}</h3>
                <p class="doctor-specialty">${doctor.specialty} • ${doctor.location}</p>
                <div class="doctor-rating">
                    <div class="stars">${renderStars(doctor.rating)}</div>
                    <span class="rating-count">${doctor.rating} (${doctor.reviews} reviews)</span>
                </div>
                <div class="doctor-actions">
                    <button class="view-reviews" data-id="${doctor.id}">View Reviews</button>
                    <button class="book-appointment" data-id="${doctor.id}">Book Appointment</button>
                </div>
            </div>
        `;
        doctorsList.appendChild(doctorCard);
```

```javascript
    });
}

function renderStars(rating) {
    const fullStars = Math.floor(rating);
    const hasHalfStar = rating % 1 >= 0.5;
    let stars = '';

    for (let i = 1; i <= 5; i++) {
        if (i <= fullStars) {
            stars += '▯ ';
        } else if (i === fullStars + 1 && hasHalfStar) {
            stars += '½';
        } else {
            stars += '▯ ';
        }
    }

    return stars;
}

function setupEventListeners() {
    // Search form
    document.getElementById('search-form').addEventListener('submit', function(e) {
        e.preventDefault();
        const specialty = document.getElementById('specialty').value;
        const location = document.getElementById('location').value;
        const availability = document.getElementById('availability').value;
        const rating = parseFloat(document.getElementById('rating').value);

        const filteredDoctors = doctors.filter(doctor => {
            return (specialty === '' || doctor.specialty === specialty) &&
                   (location === '' || doctor.location === location) &&
```

```javascript
            (rating === 0 || doctor.rating >= rating);
        });

        renderDoctors(filteredDoctors);
    });

    // Book appointment buttons
    document.addEventListener('click', function(e) {
        if (e.target.classList.contains('book-appointment')) {
            const doctorId = parseInt(e.target.getAttribute('data-id'));
            openAppointmentModal(doctorId);
        }

        if (e.target.classList.contains('view-reviews')) {
            const doctorId = parseInt(e.target.getAttribute('data-id'));
            openReviewsModal(doctorId);
        }

        if (e.target.classList.contains('close-modal')) {
            closeAllModals();
        }
    });

    // Login/Register buttons
    document.getElementById('login-btn').addEventListener('click', function(e) {
        e.preventDefault();
        document.getElementById('login-modal').style.display = 'flex';
    });

    document.getElementById('register-btn').addEventListener('click', function(e) {
        e.preventDefault();
        document.getElementById('register-modal').style.display = 'flex';
    });
```

```javascript
document.getElementById('logout-btn').addEventListener('click', function(e) {
    e.preventDefault();
    localStorage.removeItem('currentUser');
    document.body.classList.remove('logged-in');
    location.reload();
});

// Login form
document.getElementById('login-form').addEventListener('submit', function(e) {
    e.preventDefault();
    const email = document.getElementById('login-email').value;
    const password = document.getElementById('login-password').value;

    // In a real app, this would check against a database
    const users = JSON.parse(localStorage.getItem('users')) || [];
    const user = users.find(u => u.email === email && u.password === password);

    if (user) {
        localStorage.setItem('currentUser', JSON.stringify(user));
        document.body.classList.add('logged-in');
        document.getElementById('username-display').textContent = user.name;
        closeAllModals();
        alert('Login successful!');
    } else {
        alert('Invalid email or password');
    }
});

// Register form
document.getElementById('register-form').addEventListener('submit', function(e) {
    e.preventDefault();
    const name = document.getElementById('register-name').value;
```

```javascript
    const email = document.getElementById('register-email').value;
    const password = document.getElementById('register-password').value;
    const confirm = document.getElementById('register-confirm').value;

    if (password !== confirm) {
        alert('Passwords do not match');
        return;
    }

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

    if (users.some(u => u.email === email)) {
        alert('Email already registered');
        return;
    }

    const newUser = {
        id: users.length + 1,
        name,
        email,
        password
    };

    users.push(newUser);
    localStorage.setItem('users', JSON.stringify(users));
    localStorage.setItem('currentUser', JSON.stringify(newUser));

    document.body.classList.add('logged-in');
    document.getElementById('username-display').textContent = name;
    closeAllModals();
    alert('Registration successful! You are now logged in.');
});
```

```javascript
// Appointment form
document.getElementById('appointment-form').addEventListener('submit', function(e) {
    e.preventDefault();
    const currentUser = JSON.parse(localStorage.getItem('currentUser'));

    if (!currentUser) {
        alert('Please login to book an appointment');
        document.getElementById('login-modal').style.display = 'flex';
        return;
    }

    const doctorId = parseInt(document.getElementById('appointment-form').getAttribute('data-doctor-id'));
    const selectedDate = document.querySelector('.calendar-day.selected')?.getAttribute('data-date');
    const selectedTime = document.querySelector('.time-slot.selected')?.textContent;
    const notes = document.getElementById('appointment-notes').value;

    if (!selectedDate || !selectedTime) {
        alert('Please select a date and time');
        return;
    }

    const doctor = doctors.find(d => d.id === doctorId);
    if (doctor) {
        // In a real app, this would save to a database
        doctor.bookedAppointments.push({
            date: selectedDate,
            time: selectedTime,
            patientId: currentUser.id,
            patientName: currentUser.name,
            notes
        });

        alert(`Appointment booked with ${doctor.name} on ${selectedDate} at ${selectedTime}`);
```

```javascript
        closeAllModals();
    }
});

// Review form
document.getElementById('review-form').addEventListener('submit', function(e) {
    e.preventDefault();
    const currentUser = JSON.parse(localStorage.getItem('currentUser'));

    if (!currentUser) {
        alert('Please login to submit a review');
        document.getElementById('login-modal').style.display = 'flex';
        return;
    }

    const doctorId = parseInt(document.getElementById('review-form').getAttribute('data-doctor-id'));
    const rating = parseInt(document.getElementById('review-rating').value);
    const comment = document.getElementById('review-comment').value;

    // In a real app, this would save to a database
    reviews.push({
        id: reviews.length + 1,
        doctorId,
        patientName: currentUser.name,
        rating,
        comment,
        date: new Date().toISOString().split('T')[0]
    });

    // Update doctor's rating
    const doctor = doctors.find(d => d.id === doctorId);
    if (doctor) {
        const doctorReviews = reviews.filter(r => r.doctorId === doctorId);
```

```javascript
      const newRating = doctorReviews.reduce((sum, review) => sum + review.rating, 0) / doctorReviews.length;
      doctor.rating = newRating;
      doctor.reviews = doctorReviews.length;
    }

    alert('Thank you for your review!');
    closeAllModals();
    renderDoctors(doctors);
  });
}

function openAppointmentModal(doctorId) {
  const currentUser = JSON.parse(localStorage.getItem('currentUser'));
  if (!currentUser) {
    document.getElementById('login-modal').style.display = 'flex';
    return;
  }

  const doctor = doctors.find(d => d.id === doctorId);
  if (!doctor) return;

  document.getElementById('appointment-form').setAttribute('data-doctor-id', doctorId);
  document.getElementById('appointment-doctor-info').innerHTML = `
    <h3>${doctor.name}</h3>
    <p>${doctor.specialty}</p>
  `;

  // Generate calendar
  const calendar = document.getElementById('calendar');
  calendar.innerHTML = '';

  // Add calendar headers (Sun-Sat)
  const daysOfWeek = ['Sun', 'Mon', 'Tue', 'Wed', 'Thu', 'Fri', 'Sat'];
```

```javascript
daysOfWeek.forEach(day => {
    const header = document.createElement('div');
    header.className = 'calendar-header';
    header.textContent = day;
    calendar.appendChild(header);
});

// Add calendar days (sample for current month)
const today = new Date();
const currentMonth = today.getMonth();
const currentYear = today.getFullYear();
const daysInMonth = new Date(currentYear, currentMonth + 1, 0).getDate();

for (let i = 1; i <= daysInMonth; i++) {
    const date = new Date(currentYear, currentMonth, i);
    const dayOfWeek = date.getDay();

    // Skip days before the first day of the month
    if (i === 1 && dayOfWeek > 0) {
        for (let j = 0; j < dayOfWeek; j++) {
            const empty = document.createElement('div');
            calendar.appendChild(empty);
        }
    }

    const dateStr = `${currentYear}-${String(currentMonth + 1).padStart(2, '0')}-${String(i).padStart(2, '0')}`;
    const isAvailable = doctor.availableDates.includes(dateStr);

    const dayElement = document.createElement('div');
    dayElement.className = 'calendar-day';
    dayElement.textContent = i;
    dayElement.setAttribute('data-date', dateStr);
```

```
        if (!isAvailable) {
            dayElement.style.opacity = '0.5';
            dayElement.style.cursor = 'not-allowed';
        } else {
            dayElement.addEventListener('click', function() {
                document.querySelectorAll('.calendar-day').forEach(el => el.classList.remove('selected'));
                this.classList.add('selected');
                generateTimeSlots(doctor, dateStr);
            });
        }

        calendar.appendChild(dayElement);
    }

    document.getElementById('appointment-modal').style.display = 'flex';
}

function generateTimeSlots(doctor, date) {
    const timeSlots = document.getElementById('time-slots');
    timeSlots.innerHTML = '';

    doctor.availableTimes.forEach(time => {
        const isBooked = doctor.bookedAppointments.some(app => app.date === date && app.time === time);

        const slot = document.createElement('div');
        slot.className = 'time-slot';
        if (isBooked) slot.className += ' booked';
        slot.textContent = time;

        if (!isBooked) {
            slot.addEventListener('click', function() {
                document.querySelectorAll('.time-slot').forEach(el => el.classList.remove('selected'));
                this.classList.add('selected');
```

```javascript
        });
      }

      timeSlots.appendChild(slot);
    });
}

function openReviewsModal(doctorId) {
    const doctor = doctors.find(d => d.id === doctorId);
    if (!doctor) return;

    document.getElementById('review-form').setAttribute('data-doctor-id', doctorId);
    document.getElementById('reviews-doctor-info').innerHTML = `
      <h3>${doctor.name}</h3>
      <p>${doctor.specialty} • ${renderStars(doctor.rating)} ${doctor.rating} (${doctor.reviews} reviews)</p>
    `;

    // Display reviews
    const reviewsList = document.getElementById('reviews-list');
    reviewsList.innerHTML = '';

    const doctorReviews = reviews.filter(r => r.doctorId === doctorId);
    if (doctorReviews.length === 0) {
      reviewsList.innerHTML = '<p>No reviews yet.</p>';
    } else {
      doctorReviews.forEach(review => {
        const reviewItem = document.createElement('div');
        reviewItem.className = 'review-item';
        reviewItem.innerHTML = `
          <div class="review-header">
            <span class="review-author">${review.patientName}</span>
            <span class="review-date">${review.date}</span>
          </div>
```

```html
              <div class="stars">${renderStars(review.rating)}</div>
              <p>${review.comment}</p>
            `;
            reviewsList.appendChild(reviewItem);
          });
        }

        // Show/hide review form based on login status
        const currentUser = JSON.parse(localStorage.getItem('currentUser'));
        document.getElementById('review-form-container').style.display = currentUser ? 'block' : 'none';

        document.getElementById('reviews-modal').style.display = 'flex';
      }

      function closeAllModals() {
        document.querySelectorAll('.modal').forEach(modal => {
          modal.style.display = 'none';
        });
      }
    </script>
</body>
</html>
```