

app.js

```
1 $(document).ready(function() {
2     // Initialize localStorage if not exists
3     if (!localStorage.getItem('users')) {
4         localStorage.setItem('users', JSON.stringify([]));
5     }
6     if (!localStorage.getItem('tasks')) {
7         localStorage.setItem('tasks', JSON.stringify([]));
8     }
9
10    // Register Form Submit
11    $('#registerForm').on('submit', function(e) {
12        e.preventDefault();
13        const username = $('#newUsername').val();
14        const password = $('#newPassword').val();
15
16        let users = JSON.parse(localStorage.getItem('users'));
17        if (users.find(u => u.username === username)) {
18            alert('Username already exists!');
19            return;
20        }
21
22        users.push({ username, password });
23        localStorage.setItem('users', JSON.stringify(users));
24        alert('Registration successful!');
25        $.mobile.changePage('#loginPage');
26    });
27
28    // Login Form Submit
29    $('#loginForm').on('submit', function(e) {
30        e.preventDefault();
31        const username = $('#username').val();
32        const password = $('#password').val();
33
34        let users = JSON.parse(localStorage.getItem('users'));
35        const user = users.find(u => u.username === username && u.password ===
password);
36
37        if (user) {
38            sessionStorage.setItem('currentUser', username);
39            loadTasks();
40            $.mobile.changePage('#tasksPage');
41        } else {
42            alert('Invalid credentials!');
43        }
44    });
45
46    // Add Task
47    $('#taskForm').on('submit', function(e) {
48        e.preventDefault();
49        const title = $('#taskTitle').val();
50        const username = sessionStorage.getItem('currentUser');
51
```

```

52     let tasks = JSON.parse(localStorage.getItem('tasks'));
53     tasks.push({
54         id: Date.now(),
55         title,
56         username,
57         completed: false
58     });
59
60     localStorage.setItem('tasks', JSON.stringify(tasks));
61     loadTasks();
62     $('#taskTitle').val('');
63 });
64
65 // Load Tasks
66 function loadTasks() {
67     const username = sessionStorage.getItem('currentUser');
68     let tasks = JSON.parse(localStorage.getItem('tasks'));
69     const userTasks = tasks.filter(t => t.username === username);
70
71     $('#taskList').empty();
72     userTasks.forEach(task => {
73         $('#taskList').append(`
74             <li>
75                 <h2>${task.title}</h2>
76                 <div class="ui-grid-a">
77                     <div class="ui-block-a">
78                         <button class="deleteTask ui-btn ui-btn-inline" data-
task-id="${task.id}">Delete</button>
79                     </div>
80                     <div class="ui-block-b">
81                         <input type="checkbox" data-task-id="${task.id}"
class="completeTask"
82                             ${task.completed ? 'checked' : ''}>
83                         <label>Complete</label>
84                     </div>
85                 </div>
86             </li>
87         `);
88     });
89     $('#taskList').listview('refresh');
90 }
91
92 // Delete Task
93 $(document).on('click', '.deleteTask', function() {
94     const taskId = $(this).data('task-id');
95     let tasks = JSON.parse(localStorage.getItem('tasks'));
96     tasks = tasks.filter(t => t.id !== taskId);
97     localStorage.setItem('tasks', JSON.stringify(tasks));
98     loadTasks();
99 });
100
101 // Toggle Task Completion
102 $(document).on('change', '.completeTask', function() {
103     const taskId = $(this).data('task-id');

```

```
104     let tasks = JSON.parse(localStorage.getItem('tasks'));
105     const taskIndex = tasks.findIndex(t => t.id === taskId);
106     tasks[taskIndex].completed = !tasks[taskIndex].completed;
107     localStorage.setItem('tasks', JSON.stringify(tasks));
108     loadTasks();
109   });
110
111   // Logout
112   $('#logoutBtn').on('click', function() {
113     sessionStorage.removeItem('currentUser');
114     $.mobile.changePage('#loginPage');
115   });
116 });
```