

```
<!DOCTYPE html>
<html>
<head>
  <title>App Management API</title>
  <style>
    body { font-family: Arial, sans-serif; margin: 40px; }
    .container { max-width: 800px; margin: 0 auto; }
    .form-group { margin-bottom: 15px; }
    label { display: block; margin-bottom: 5px; }
    input[type="text"], textarea {
      width: 100%;
      padding: 8px;
      margin-bottom: 10px;
      border: 1px solid #ddd;
      border-radius: 4px;
    }
    button {
      background-color: #4CAF50;
      color: white;
      padding: 10px 15px;
      border: none;
      border-radius: 4px;
      cursor: pointer;
    }
    button:hover { background-color: #45a049; }
    .app-list { margin-top: 20px; }
    .app-item {
      border: 1px solid #ddd;
      padding: 10px;
      margin-bottom: 10px;
      border-radius: 4px;
    }
    .nav-links {
      margin-bottom: 20px;
    }
    .nav-links a {
      margin-right: 15px;
      color: #4CAF50;
      text-decoration: none;
    }
  </style>
</head>
<body>
  <div class="container">
```

```
<h1>App Management System</h1>

<div class="nav-links">
  <a href="/">Home</a>
  <a href="/view-database">View Database</a>
</div>

<h2>Add New App</h2>
<form id="addAppForm">
  <div class="form-group">
    <label for="app_name">App Name:</label>
    <input type="text" id="app_name" name="app_name" required>
  </div>

  <div class="form-group">
    <label for="version">Version:</label>
    <input type="text" id="version" name="version" required>
  </div>

  <div class="form-group">
    <label for="description">Description:</label>
    <textarea id="description" name="description" rows="4"></textarea>
  </div>

  <button type="submit">Add App</button>
</form>

<h2>App List</h2>
<div id="appList" class="app-list">
  <!-- Apps will be displayed here -->
</div>
</div>

<script>
  // Function to add a new app
  document.getElementById('addAppForm').onsubmit = async (e) => {
    e.preventDefault();
    const formData = {
      app_name: document.getElementById('app_name').value,
      version: document.getElementById('version').value,
      description: document.getElementById('description').value
    };

    try {
```

```

const response = await fetch('/add-app', {
  method: 'POST',
  headers: {
    'Content-Type': 'application/json',
  },
  body: JSON.stringify(formData)
});
const result = await response.json();
if (response.ok) {
  alert('App added successfully!');
  document.getElementById('addAppForm').reset();
  loadApps();
} else {
  alert('Error: ' + result.error);
}
} catch (error) {
  alert('Error adding app: ' + error);
}
};

```

// Function to load all apps

```

async function loadApps() {
  try {
    const response = await fetch('/get-all-apps');
    const apps = await response.json();
    const appList = document.getElementById('appList');
    appList.innerHTML = apps.map(app => `
      <div class="app-item">
        <h3>${app.app_name} (${app.version})</h3>
        <p>${app.description}</p>
        <p><small>Created: ${new Date(app.created_at).toLocaleString()}
</small></p>
        <button onclick="deleteApp(${app.id})">Delete</button>
      </div>
    `).join('');
  } catch (error) {
    console.error('Error loading apps:', error);
  }
}

```

// Function to delete an app

```

async function deleteApp(id) {
  if (confirm('Are you sure you want to delete this app?')) {
    try {

```

```
const response = await fetch(`/delete-app/${id}`, {
  method: 'DELETE'
});
if (response.ok) {
  alert('App deleted successfully!');
  loadApps();
} else {
  alert('Error deleting app');
}
} catch (error) {
  alert('Error: ' + error);
}
}

// Load apps when page loads
loadApps();
</script>
</body>
</html>
```