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<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>AgriSmart - AI Farming Assistant</title>
  <link href="https://fonts.googleapis.com/css2?
family=Poppins:wght@300;400;600;700&display=swap" rel="stylesheet">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.0/css/all.min.css">
  <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>
  <style>
    /* Updated Green Color Scheme */
    :root {
      --primary: #2e7d32; /* Deep green */
      --secondary: #388e3c; /* Medium green */
      --accent: #8bc34a; /* Light green */
      --dark: #1b5e20; /* Dark green */
      --light: #e8f5e9; /* Very light green */
    }

    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }

    body {
      font-family: 'Poppins', sans-serif;
      background-color: var(--light);
      color: var(--dark);
      line-height: 1.6;
    }

    /* Header with Animated Background */
    header {
      position: relative;
      height: 100vh;
      overflow: hidden;
    }

    .hero-bg {
      position: absolute;
      width: 100%;
      height: 100%;
      background: linear-gradient(rgba(0,0,0,0.3), rgba(0,0,0,0.3)),
        url('https://images.unsplash.com/photo-1601134467661-
3a775e1e37e1?w=1600&auto=format') center/cover;
      animation: zoomInOut 20s infinite alternate;
    }

    @keyframes zoomInOut {
      0% { transform: scale(1); }
      100% { transform: scale(1.1); }
    }

    /* Navigation */
    nav {
      position: relative;
      z-index: 10;
      padding: 1.5rem;
      display: flex;
      justify-content: space-between;
      align-items: center;

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        background: rgba(0,0,0,0.3);
    }

    .logo {
        display: flex;
        align-items: center;
    }

    .logo img {
        height: 50px;
        margin-right: 10px;
    }

    .logo h1 {
        color: white;
        font-size: 1.8rem;
        font-weight: 700;
    }

    /* Language Selector */
    .language-selector {
        position: relative;
    }

    .language-btn {
        background: rgba(255,255,255,0.2);
        color: white;
        border: none;
        padding: 0.5rem 1rem;
        border-radius: 25px;
        cursor: pointer;
        display: flex;
        align-items: center;
        transition: all 0.3s;
    }

    .language-btn:hover {
        background: rgba(255,255,255,0.3);
    }

    .language-btn i {
        margin-right: 8px;
    }

    .language-dropdown {
        position: absolute;
        right: 0;
        top: 100%;
        background: white;
        border-radius: 8px;
        box-shadow: 0 5px 15px rgba(0,0,0,0.2);
        overflow: hidden;
        display: none;
        z-index: 100;
        min-width: 180px;
    }

    .language-dropdown.show {
        display: block;
        animation: fadeIn 0.3s;
    }

    @keyframes fadeIn {
        from { opacity: 0; transform: translateY(10px); }
    }

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    to { opacity: 1; transform: translateY(0); }
}

.language-option {
  padding: 0.75rem 1rem;
  cursor: pointer;
  display: flex;
  align-items: center;
  transition: all 0.2s;
}

.language-option:hover {
  background: #f0f0f0;
}

.language-option img {
  width: 20px;
  height: 15px;
  margin-right: 10px;
  object-fit: cover;
}

/* Hero Content */
.hero-content {
  position: relative;
  z-index: 5;
  color: white;
  padding: 0 2rem;
  height: calc(100vh - 80px);
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: flex-start;
  max-width: 1200px;
  margin: 0 auto;
}

.hero-content h2 {
  font-size: 3rem;
  margin-bottom: 1.5rem;
  text-shadow: 2px 2px 4px rgba(0,0,0,0.5);
  animation: fadeInUp 1s ease-out;
}

.hero-content p {
  font-size: 1.2rem;
  max-width: 600px;
  margin-bottom: 2rem;
  text-shadow: 1px 1px 2px rgba(0,0,0,0.5);
  animation: fadeInUp 1s ease-out 0.2s forwards;
  opacity: 0;
}

.hero-buttons {
  display: flex;
  gap: 1rem;
  animation: fadeInUp 1s ease-out 0.4s forwards;
  opacity: 0;
}

.btn {
  padding: 0.8rem 1.8rem;
  border-radius: 30px;
  font-weight: 600;

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    text-decoration: none;
    transition: all 0.3s;
    display: inline-flex;
    align-items: center;
}

.btn-primary {
    background-color: var(--accent);
    color: white;
}

.btn-primary:hover {
    background-color: #ff9800;
    transform: translateY(-3px);
    box-shadow: 0 5px 15px rgba(0,0,0,0.2);
}

.btn-outline {
    border: 2px solid white;
    color: white;
}

.btn-outline:hover {
    background: rgba(255,255,255,0.1);
    transform: translateY(-3px);
    box-shadow: 0 5px 15px rgba(0,0,0,0.2);
}

/* Animation Classes */
@keyframes fadeInUp {
    from {
        opacity: 0;
        transform: translateY(20px);
    }
    to {
        opacity: 1;
        transform: translateY(0);
    }
}

.floating {
    animation: floating 3s ease-in-out infinite;
}

@keyframes floating {
    0% { transform: translateY(0px); }
    50% { transform: translateY(-15px); }
    100% { transform: translateY(0px); }
}

/* Feature Sections */
.section {
    padding: 4rem 2rem;
    max-width: 1200px;
    margin: 0 auto;
}

.section-title {
    text-align: center;
    margin-bottom: 3rem;
    position: relative;
}

.section-title h2 {

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        font-size: 2.5rem;
        color: var(--primary);
        display: inline-block;
        position: relative;
        padding-bottom: 1rem;
    }

    .section-title h2::after {
        content: '';
        position: absolute;
        bottom: 0;
        left: 50%;
        transform: translateX(-50%);
        width: 80px;
        height: 3px;
        background-color: var(--accent);
    }

    .section-title p {
        color: #666;
        font-size: 1.1rem;
        margin-top: 1rem;
    }

    /* AI Chat Interface */
    .chat-container {
        background: white;
        border-radius: 15px;
        box-shadow: 0 10px 30px rgba(0,0,0,0.1);
        overflow: hidden;
        margin: 0 auto;
        max-width: 800px;
    }

    .chat-header {
        background: var(--primary);
        color: white;
        padding: 1.2rem;
        display: flex;
        align-items: center;
    }

    .chat-header h3 {
        font-size: 1.3rem;
        margin-left: 10px;
    }

    .chat-messages {
        height: 400px;
        overflow-y: auto;
        padding: 1.5rem;
        background: #f9f9f9;
    }

    .message {
        margin-bottom: 1.2rem;
        display: flex;
        max-width: 80%;
    }

    .message.user {
        margin-left: auto;
        justify-content: flex-end;
    }

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.message-bubble {
  padding: 0.8rem 1.2rem;
  border-radius: 15px;
  position: relative;
  animation: fadeIn 0.3s;
}

.message-bubble.user {
  background: var(--primary);
  color: white;
  border-top-right-radius: 0;
}

.message-bubble.bot {
  background: white;
  border: 1px solid #ddd;
  border-top-left-radius: 0;
  box-shadow: 0 2px 5px rgba(0,0,0,0.05);
}

.message-time {
  font-size: 0.7rem;
  color: #999;
  margin-top: 5px;
  text-align: right;
}

.chat-input {
  display: flex;
  padding: 1rem;
  border-top: 1px solid #eee;
  background: white;
}

.chat-input input {
  flex: 1;
  padding: 0.8rem 1rem;
  border: 1px solid #ddd;
  border-radius: 25px;
  font-size: 1rem;
  outline: none;
  transition: all 0.3s;
}

.chat-input input:focus {
  border-color: var(--primary);
}

.chat-input button {
  background: var(--primary);
  color: white;
  border: none;
  border-radius: 50%;
  width: 45px;
  height: 45px;
  margin-left: 10px;
  cursor: pointer;
  transition: all 0.3s;
  display: flex;
  align-items: center;
  justify-content: center;
}

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.chat-input button:hover {
  background: var(--secondary);
  transform: scale(1.05);
}

.typing-indicator {
  display: flex;
  align-items: center;
  margin-bottom: 1rem;
  opacity: 0;
  transition: opacity 0.3s;
}

.typing-indicator.visible {
  opacity: 1;
}

.typing-indicator span {
  display: inline-block;
  width: 8px;
  height: 8px;
  background: #999;
  border-radius: 50%;
  margin-right: 3px;
  animation: typingAnimation 1.4s infinite ease-in-out;
}

.typing-indicator span:nth-child(2) {
  animation-delay: 0.2s;
}

.typing-indicator span:nth-child(3) {
  animation-delay: 0.4s;
}

@keyframes typingAnimation {
  0%, 60%, 100% { transform: translateY(0); }
  30% { transform: translateY(-5px); }
}

/* Disease Scanner Demo */
.scanner-demo {
  display: flex;
  flex-wrap: wrap;
  gap: 2rem;
  justify-content: center;
}

.scan-card {
  background: white;
  border-radius: 15px;
  overflow: hidden;
  box-shadow: 0 10px 30px rgba(0,0,0,0.1);
  width: 350px;
  transition: transform 0.3s;
}

.scan-card:hover {
  transform: translateY(-10px);
}

.scan-image {
  height: 250px;
  overflow: hidden;
}

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    position: relative;
}

.scan-image img {
    width: 100%;
    height: 100%;
    object-fit: cover;
    transition: transform 0.5s;
}

.scan-card:hover .scan-image img {
    transform: scale(1.1);
}

.scan-content {
    padding: 1.5rem;
}

.scan-content h3 {
    font-size: 1.3rem;
    margin-bottom: 0.5rem;
    color: var(--dark);
}

.scan-content p {
    color: #666;
    margin-bottom: 1rem;
}

.scan-result {
    display: flex;
    align-items: center;
    margin-bottom: 1rem;
}

.scan-confidence {
    background: #e3f2fd;
    color: #1976d2;
    padding: 0.3rem 0.8rem;
    border-radius: 20px;
    font-size: 0.8rem;
    font-weight: 600;
    margin-right: 10px;
}

.btn-scan {
    background: var(--accent);
    color: white;
    border: none;
    padding: 0.6rem 1.5rem;
    border-radius: 25px;
    font-weight: 600;
    cursor: pointer;
    transition: all 0.3s;
    display: flex;
    align-items: center;
    margin-top: 1rem;
}

.btn-scan i {
    margin-right: 8px;
}

.btn-scan:hover {

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        background: #ff9800;
        transform: translateY(-2px);
        box-shadow: 0 5px 15px rgba(0,0,0,0.1);
    }

    /* Irrigation Dashboard */
    .dashboard {
        background: white;
        border-radius: 15px;
        box-shadow: 0 10px 30px rgba(0,0,0,0.1);
        padding: 2rem;
        margin: 0 auto;
        max-width: 1000px;
    }

    .dashboard-grid {
        display: grid;
        grid-template-columns: 1fr 1fr;
        gap: 2rem;
    }

    .dashboard-card {
        background: #f9f9f9;
        border-radius: 10px;
        padding: 1.5rem;
        box-shadow: 0 2px 10px rgba(0,0,0,0.05);
    }

    .dashboard-card h3 {
        font-size: 1.2rem;
        color: var(--primary);
        margin-bottom: 1rem;
        display: flex;
        align-items: center;
    }

    .dashboard-card h3 i {
        margin-right: 10px;
        color: var(--accent);
    }

    .water-level {
        height: 200px;
        background: #e3f2fd;
        border-radius: 8px;
        margin-top: 1rem;
        position: relative;
        overflow: hidden;
    }

    .water-fill {
        position: absolute;
        bottom: 0;
        left: 0;
        right: 0;
        background: #2196f3;
        transition: height 1s ease-out;
        height: 30%;
    }

    .water-level-label {
        position: absolute;
        top: 50%;
        left: 50%;
    }

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        transform: translate(-50%, -50%);
        font-weight: 600;
        color: var(--dark);
    }

    .water-info {
        display: flex;
        justify-content: space-between;
        margin-top: 1rem;
        font-size: 0.9rem;
    }

    .water-info span {
        color: #666;
    }

    .water-info strong {
        color: var(--dark);
        font-weight: 600;
    }

    .recommendation {
        margin-top: 1.5rem;
        padding: 1rem;
        background: #fff8e1;
        border-left: 4px solid var(--accent);
        border-radius: 0 5px 5px 0;
    }

    .recommendation p {
        color: var(--dark);
        font-weight: 500;
    }

    .chart-container {
        height: 250px;
        margin-top: 1rem;
        position: relative;
    }

    /* Farmer Testimonials */
    .testimonials {
        position: relative;
    }

    .testimonials-container {
        display: flex;
        overflow-x: auto;
        scroll-snap-type: x mandatory;
        gap: 2rem;
        padding-bottom: 1rem;
        scrollbar-width: none; /* Firefox */
        -ms-overflow-style: none; /* IE and Edge */
    }

    .testimonials-container::-webkit-scrollbar {
        display: none; /* Chrome, Safari, Opera */
    }

    .testimonial-card {
        min-width: 320px;
        scroll-snap-align: start;
        background: white;
        border-radius: 15px;
    }

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        padding: 2rem;
        box-shadow: 0 5px 20px rgba(0,0,0,0.1);
        transition: transform 0.3s;
    }

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

    .testimonial-header {
        display: flex;
        align-items: center;
        margin-bottom: 1.5rem;
    }

    .testimonial-avatar {
        width: 70px;
        height: 70px;
        border-radius: 50%;
        object-fit: cover;
        margin-right: 1rem;
        border: 3px solid var(--accent);
    }

    .testimonial-info h4 {
        font-size: 1.2rem;
        color: var(--dark);
        margin-bottom: 0.3rem;
    }

    .testimonial-info p {
        color: #666;
        font-size: 0.9rem;
    }

    .testimonial-quote {
        font-style: italic;
        color: #555;
        margin-bottom: 1.5rem;
        position: relative;
    }

    .testimonial-quote::before,
    .testimonial-quote::after {
        content: '"';
        color: var(--accent);
        font-size: 1.5rem;
        font-family: Georgia, serif;
    }

    .testimonial-rating {
        color: var(--accent);
        font-size: 1rem;
    }

    /* Market Price Charts */
    .market-tabs {
        display: flex;
        border-bottom: 1px solid #ddd;
        margin-bottom: 1.5rem;
    }

    .market-tab {
        padding: 0.8rem 1.5rem;

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    cursor: pointer;
    position: relative;
    color: #666;
    font-weight: 600;
}

.market-tab.active {
    color: var(--primary);
}

.market-tab.active::after {
    content: '';
    position: absolute;
    bottom: -1px;
    left: 0;
    right: 0;
    height: 3px;
    background: var(--primary);
}

.market-content {
    display: none;
}

.market-content.active {
    display: block;
    animation: fadeIn 0.5s;
}

.market-chart {
    height: 300px;
    margin-top: 1rem;
}

.market-info {
    display: flex;
    justify-content: space-between;
    margin-top: 1.5rem;
}

.market-price {
    font-size: 1.5rem;
    font-weight: 700;
    color: var(--primary);
}

.market-change {
    display: flex;
    align-items: center;
    font-weight: 600;
}

.market-change.up {
    color: #4caf50;
}

.market-change.down {
    color: #f44336;
}

.market-change i {
    margin-right: 5px;
}
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/* Responsive Design */
@media (max-width: 768px) {
    .hero-content h2 {
        font-size: 2rem;
    }

    .section {
        padding: 3rem 1.5rem;
    }

    .dashboard-grid {
        grid-template-columns: 1fr;
    }

    .scan-card {
        width: 100%;
    }

    .hero-buttons {
        flex-direction: column;
        width: 100%;
    }

    .btn {
        width: 100%;
        text-align: center;
        justify-content: center;
    }
}
</style>
</head>
<body>
    <!-- Header with Animated Background -->
    <header>
        <div class="hero-bg"></div>
        <nav>
            <div class="logo">
                <h1>AgriSmart</h1>
            </div>
            <div class="language-selector">
                <button class="language-btn" id="languageBtn">
                    <i class="fas fa-language"></i>
                    English
                </button>
                <div class="language-dropdown" id="languageDropdown">
                    <div class="language-option" data-lang="en">
                        
                        English
                    </div>
                    <div class="language-option" data-lang="hi">
                        
                        हिन्दी (Hindi)
                    </div>
                    <div class="language-option" data-lang="ta">
                        
                        தமிழ் (Tamil)
                    </div>
                    <div class="language-option" data-lang="te">
                        
                        తెలుగు (Telugu)
                    </div>
                    <div class="language-option" data-lang="mr">
                        
                        मराठी (Marathi)
                    </div>
                </div>
            </div>
        </nav>
    </header>

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

<div class="hero-content">
    <h2>AI-Powered Farming Solutions for India</h2>
    <p>Get personalized agricultural advice in your local language,
tailored to your crops and region</p>
    <div class="hero-buttons">
        <a href="#demo" class="btn btn-primary">
            <i class="fas fa-robot"></i> Try AI Assistant
        </a>
        <a href="#scanner" class="btn btn-outline">
            <i class="fas fa-camera"></i> Scan Crop
        </a>
    </div>
</div>
</header>

<!-- AI Chat Interface -->
<section class="section" id="demo">
    <div class="section-title">
        <h2>AI Farming Assistant</h2>
        <p>Ask questions in your language and get instant advice</p>
    </div>

    <div class="chat-container">
        <div class="chat-header">
            <i class="fas fa-robot" style="font-size: 1.5rem;"></i>
            <h3>AgriSmart Assistant</h3>
        </div>
        <div class="chat-messages" id="chatMessages">
            <div class="message bot">
                <div class="message-bubble bot">
                    Hello! I'm AgriSmart. You can ask me anything about
crops, weather, or farming techniques in your language.
                <div class="message-time">Today, 10:00 AM</div>
                </div>
            </div>

            <div class="message user">
                <div class="message-bubble user">
                    à¤@à¥:à¤°à¥ à¤-à¥:à¤¹à¥,à¤, à¤ à¥ à¤«à¤, à¤² à¤@à¥:à¤,
à¤ªà¥ à¤²à¥: à¤§à¤-à¥ à¤-à¥: à¤ à¥ à¤-à¥à¤, à¤¹à¥à¤ à¤°à¥¹à¥: à¤¹à¥à¤,?
                <div class="message-time">Today, 10:02 AM</div>
                </div>
            </div>

            <div class="message bot">
                <div class="message-bubble bot">
                    à¤¹à¤ªà¤ à¥: à¤-à¥:à¤¹à¥,à¤, à¤ à¥à¤ à¤ªà¤ à¤°à¤
à¥ à¤¹ (Yellow Rust) à¤¹à¥à¤, à¤,à¤ à¤¤à¤% à¤¹à¥à¥à¤ à¤ à¥fà¤ªà¤-à¤% à¤ à¤
à¤«à¥à¤à¥à¥à¤, à¤...à¤ªà¤²à¥à¤,à¤; à¤ à¤°à¥:à¤, à¤-à¤% à¤ªà¥ à¤°à¥à¤-à¥à¤ à¤à¥à¥à¤
(0.1%) à¤«à¤«à¥,à¤,à¤!à¤"à¤%à¤¶à¤ à¤ à¤% à¤%à¤ªà¤-à¥à¤- à¤ à¤°à¥:à¤,à¥à¤
                <div class="message-time">Today, 10:02 AM</div>
                </div>
            </div>

            <div class="typing-indicator" id="typingIndicator">
                <div class="message-bubble bot">
                    <span></span><span></span><span></span><span></span>
                </div>
            </div>
        </div>
    </div>

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        </div>
        <div class="chat-input">
            <input type="text" placeholder="Type your farming question..."
id="chatInput">
            <button id="sendBtn"><i class="fas fa-paper-plane"></i></button>
        </div>
    </div>
</section>

<!-- Disease Scanner Section -->
<section class="section" id="scanner">
    <div class="section-title">
        <h2>Crop Doctor</h2>
        <p>Diagnose plant diseases by uploading photos</p>
    </div>

    <div class="scanner-demo">
        <!-- Scanner Card 1 -->
        <div class="scan-card">
            <div class="scan-image">
                
            </div>
            <div class="scan-content">
                <h3>Capture Plant Photo</h3>
                <p>Take clear pictures of affected leaves, stems or
fruits</p>
                <div class="btn-scan">
                    <i class="fas fa-camera"></i> Take Photo
                </div>
            </div>
        </div>

        <!-- Scanner Card 2 -->
        <div class="scan-card">
            <div class="scan-image">
                
            </div>
            <div class="scan-content">
                <div class="scan-result">
                    <span class="scan-confidence">92% Match</span>
                    <span>Wheat Leaf Rust</span>
                </div>
                <h3>AI Diagnosis Results</h3>
                <p>Our system identifies diseases from over 100,000 crop
images</p>
            </div>
        </div>

        <!-- Scanner Card 3 -->
        <div class="scan-card">
            <div class="scan-image">
                
            </div>
            <div class="scan-content">
                <h3>Treatment Recommendations</h3>
                <p>Get organic and chemical treatment options tailored to
your region</p>
                <div class="btn-scan">
                    <i class="fas fa-bell"></i> Get Alerts
                </div>
            </div>
        </div>
    </div>

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

<!-- Irrigation Dashboard -->
<section class="section" id="irrigation">
    <div class="section-title">
        <h2>Smart Irrigation</h2>
        <p>Optimize water usage for your crops</p>
    </div>

    <div class="dashboard">
        <div class="dashboard-grid">
            <div class="dashboard-card">
                <h3><i class="fas fa-tint"></i> Soil Moisture Levels</h3>
                <div class="water-level">
                    <div class="water-fill" id="waterFill"></div>
                    <div class="water-level-label">Current: 42%</div>
                </div>
                <div class="water-info">
                    <span>Field Capacity: <strong>60%</strong></span>
                    <span>Wilting Point: <strong>30%</strong></span>
                </div>
            </div>

            <div class="dashboard-card">
                <h3><i class="fas fa-cloud-sun-rain"></i> Weather
Forecast</h3>
                <div class="chart-container">
                    <canvas id="weatherChart"></canvas>
                </div>
                <div class="recommendation">
                    <p><i class="fas fa-info-circle"></i> Next irrigation
recommended in 2 days</p>
                </div>
            </div>

            <div class="dashboard-card">
                <h3><i class="fas fa-cloud-rain"></i> Rainfall
Prediction</h3>
                <div class="chart-container">
                    <canvas id="rainChart"></canvas>
                </div>
            </div>

            <div class="dashboard-card">
                <h3><i class="fas fa-calendar-check"></i> Irrigation
Schedule</h3>
                <div id="scheduleContainer">
                    <div class="schedule-item">
                        <div class="schedule-date">Today</div>
                        <div class="schedule-task">Monitor soil
moisture</div>
                    </div>
                    <div class="schedule-item">
                        <div class="schedule-date">2 days</div>
                        <div class="schedule-task">Irrigation required</div>
                    </div>
                    <div class="schedule-item">
                        <div class="schedule-date">5 days</div>
                        <div class="schedule-task">Adjust for rainfall</div>
                    </div>
                </div>
                <div class="recommendation">

```



```

        <p><i class="fas fa-lightbulb"></i> Water early morning
to reduce evaporation</p>
    </div>
</div>
</div>
</div>
</section>

<!-- Farmer Testimonials -->
<section class="section testimonials">
    <div class="section-title">
        <h2>Farmer Stories</h2>
        <p>Success stories from farmers using AgriSmart</p>
    </div>

    <div class="testimonials-container" id="testimonialCarousel">
        <div class="testimonial-card">
            <div class="testimonial-header">
                
                <div class="testimonial-info">
                    <h4>Rajesh Kumar</h4>
                    <p>Wheat Farmer, Punjab</p>
                </div>
            </div>
            <div class="testimonial-quote">
                AgriSmart detected leaf rust in my wheat crop 2 weeks before
symptoms appeared. The early treatment saved my entire harvest!
            </div>
            <div class="testimonial-rating">
                <i class="fas fa-star"></i><i class="fas fa-star"></i><i
class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i>
            </div>
        </div>

        <div class="testimonial-card">
            <div class="testimonial-header">
                
                <div class="testimonial-info">
                    <h4>Priya Patil</h4>
                    <p>Sugarcane Farmer, Maharashtra</p>
                </div>
            </div>
            <div class="testimonial-quote">
                The Marathi voice commands made AgriSmart easy to use. Its
irrigation advice helped reduce my water usage by 35%!
            </div>
            <div class="testimonial-rating">
                <i class="fas fa-star"></i><i class="fas fa-star"></i><i
class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star-half-
alt"></i>
            </div>
        </div>

        <div class="testimonial-card">
            <div class="testimonial-header">
                
                <div class="testimonial-info">
                    <h4>Arjun Reddy</h4>
                    <p>Rice Farmer, Andhra Pradesh</p>
                </div>
            </div>

```

```

        <div class="testimonial-quote">
            AgriSmart's price predictions helped me time my rice harvest
perfectly, earning â,1500 more per quintal!
        </div>
        <div class="testimonial-rating">
            <i class="fas fa-star"></i><i class="fas fa-star"></i><i
class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i>
        </div>
    </div>
</div>
</section>

<!-- Market Price Charts -->
<section class="section">
    <div class="section-title">
        <h2>Market Insights</h2>
        <p>Real-time price trends for your crops</p>
    </div>

    <div class="dashboard">
        <div class="market-tabs">
            <div class="market-tab active" data-tab="wheat">Wheat</div>
            <div class="market-tab" data-tab="rice">Rice</div>
            <div class="market-tab" data-tab="cotton">Cotton</div>
            <div class="market-tab" data-tab="soybean">Soybean</div>
        </div>

        <div class="market-content active" id="wheatTab">
            <div class="market-chart">
                <canvas id="wheatChart"></canvas>
            </div>
            <div class="market-info">
                <div class="market-price">â,12,150 / quintal</div>
                <div class="market-change up">
                    <i class="fas fa-arrow-up"></i> 5.2% this week
                </div>
            </div>
        </div>

        <div class="market-content" id="riceTab">
            <div class="market-chart">
                <canvas id="riceChart"></canvas>
            </div>
            <div class="market-info">
                <div class="market-price">â,11,850 / quintal</div>
                <div class="market-change down">
                    <i class="fas fa-arrow-down"></i> 2.1% this week
                </div>
            </div>
        </div>

        <div class="market-content" id="cottonTab">
            <div class="market-chart">
                <canvas id="cottonChart"></canvas>
            </div>
            <div class="market-info">
                <div class="market-price">â,15,750 / quintal</div>
                <div class="market-change up">
                    <i class="fas fa-arrow-up"></i> 7.3% this week
                </div>
            </div>
        </div>

        <div class="market-content" id="soybeanTab">

```

```

        <div class="market-chart">
            <canvas id="soybeanChart"></canvas>
        </div>
        <div class="market-info">
            <div class="market-price">â,13,850 / quintal</div>
            <div class="market-change up">
                <i class="fas fa-arrow-up"></i> 3.5% this week
            </div>
        </div>
    </div>
</div>
</section>

<script>
    document.addEventListener('DOMContentLoaded', function() {
        // Language Selector
        const languageBtn = document.getElementById('languageBtn');
        const languageDropdown =
document.getElementById('languageDropdown');

        languageBtn.addEventListener('click', function() {
            languageDropdown.classList.toggle('show');
        });

        document.querySelectorAll('.language-option').forEach(option => {
            option.addEventListener('click', function() {
                const lang = this.getAttribute('data-lang');
                const langName = this.textContent.trim();
                languageBtn.innerHTML = `<i class="fas fa-language"></i> $
{langName}`;

                languageDropdown.classList.remove('show');

                // In a real app, you would change the language here
                console.log(`Language changed to ${lang}`);
            });
        });

        // Close dropdown when clicking outside
        window.addEventListener('click', function(e) {
            if (!e.target.matches('#languageBtn') && !
e.target.closest('.language-dropdown')) {
                languageDropdown.classList.remove('show');
            }
        });

        // Chat Interface
        const chatMessages = document.getElementById('chatMessages');
        const chatInput = document.getElementById('chatInput');
        const sendBtn = document.getElementById('sendBtn');
        const typingIndicator = document.getElementById('typingIndicator');

        function addMessage(text, isUser = false) {
            const msgDiv = document.createElement('div');
            msgDiv.className = `message ${isUser ? 'user' : 'bot'}`;

            const now = new Date();
            const timeStr = now.toLocaleTimeString([], {hour: '2-digit',
minute: '2-digit'});

            msgDiv.innerHTML = `
                <div class="message-bubble ${isUser ? 'user' : 'bot'}">
                    ${text}
                    <div class="message-time">Today, ${timeStr}</div>
                </div>

```

```

        `;

        chatMessages.appendChild(msgDiv);
        chatMessages.scrollTop = chatMessages.scrollHeight;
    }

    function simulateTyping(callback) {
        typingIndicator.classList.add('visible');

        setTimeout(() => {
            typingIndicator.classList.remove('visible');
            callback();
        }, 1500);
    }

    sendBtn.addEventListener('click', function() {
        const message = chatInput.value.trim();
        if (message) {
            addMessage(message, true);
            chatInput.value = '';

            simulateTyping(function() {
                // In a real app, you would call your AI backend here
                const responses = [
                    "I recommend checking your soil pH levels.",
                    "This looks like nitrogen deficiency. Try adding
urea fertilizer.",
                    "Based on your location, watering every 3 days is
optimal.",
                    "Recent rains may have caused increased pest
activity in your region."
                ];

                const randomResponse =
responses[Math.floor(Math.random() * responses.length)];
                addMessage(randomResponse, false);
            });
        }
    });

    chatInput.addEventListener('keypress', function(e) {
        if (e.key === 'Enter') {
            sendBtn.click();
        }
    });

    // Irrigation Dashboard Water Level Animation
    const waterFill = document.getElementById('waterFill');
    let waterLevel = 42;

    // Simulate water level changes
    function updateWaterLevel() {
        // Random slight variations
        waterLevel += Math.random() * 2 - 1; // Between -1 and +1
        waterLevel = Math.max(30, Math.min(60, waterLevel)); // Keep
between 30-60%

        waterFill.style.height = `${waterLevel}%`;

        // Change color based on level
        if (waterLevel < 35) {
            waterFill.style.background = '#f44336'; // Red - too dry
        } else if (waterLevel > 55) {
            waterFill.style.background = '#4caf50'; // Green - enough

```

```

    } else {
        waterFill.style.background = '#2196f3'; // Blue - okay
    }

    setTimeout(updateWaterLevel, 3000);
}

updateWaterLevel();

// Initialize Charts
const weatherCtx =
document.getElementById('weatherChart').getContext('2d');
const weatherChart = new Chart(weatherCtx, {
    type: 'line',
    data: {
        labels: ['Mon', 'Tue', 'Wed', 'Thu', 'Fri', 'Sat', 'Sun'],
        datasets: [{
            label: 'Temperature (°C)',
            data: [32, 34, 33, 31, 30, 29, 31],
            borderColor: '#ff9800',
            backgroundColor: 'rgba(255, 152, 0, 0.1)',
            tension: 0.4,
            fill: true
        }]
    },
    options: {
        responsive: true,
        maintainAspectRatio: false,
        plugins: {
            legend: {
                position: 'top',
            }
        },
        scales: {
            y: {
                beginAtZero: false
            }
        }
    }
});

const rainCtx =
document.getElementById('rainChart').getContext('2d');
const rainChart = new Chart(rainCtx, {
    type: 'bar',
    data: {
        labels: ['Mon', 'Tue', 'Wed', 'Thu', 'Fri', 'Sat', 'Sun'],
        datasets: [{
            label: 'Rainfall (mm)',
            data: [0, 2, 5, 0, 0, 10, 3],
            backgroundColor: '#2196f3',
        }]
    },
    options: {
        responsive: true,
        maintainAspectRatio: false,
        plugins: {
            legend: {
                position: 'top',
            }
        }
    }
});

```

```

// Market Price Charts
const marketTabs = document.querySelectorAll('.market-tab');
marketTabs.forEach(tab => {
    tab.addEventListener('click', function() {
        // Remove active class from all tabs
        marketTabs.forEach(t => t.classList.remove('active'));
        // Add active to clicked tab
        this.classList.add('active');

        // Hide all content
        document.querySelectorAll('.market-content').forEach(content
=> {
            content.classList.remove('active');
        });

        // Show selected content
        const tabId = this.getAttribute('data-tab') + 'Tab';
        document.getElementById(tabId).classList.add('active');
    });
});

// Initialize market charts
const chartsConfig = {
    wheat: [2150, 2100, 2080, 2120, 2140, 2160, 2150],
    rice: [1850, 1840, 1820, 1800, 1810, 1830, 1850],
    cotton: [5750, 5720, 5680, 5650, 5700, 5730, 5750],
    soybean: [3850, 3820, 3800, 3780, 3820, 3840, 3850]
};

Object.keys(chartsConfig).forEach(crop => {
    const ctx = document.getElementById(`${crop}
Chart`).getContext('2d');
    new Chart(ctx, {
        type: 'line',
        data: {
            labels: ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun',
'Jul'],
            datasets: [{
                label: `Price (â,¹/quintal)`,
                data: chartsConfig[crop],
                borderColor: '#2e7d32',
                backgroundColor: 'rgba(46, 125, 50, 0.1)',
                tension: 0.4,
                fill: true
            }]
        },
        options: {
            responsive: true,
            maintainAspectRatio: false,
            plugins: {
                legend: {
                    position: 'top',
                }
            }
        }
    });
});

// Testimonial Carousel
let currentTestimonial = 0;
const testimonialCards = document.querySelectorAll('.testimonial-
card');
const testimonialCount = testimonialCards.length;

```

```

function rotateTestimonials() {
  // Calculate scroll position
  const scrollPos = currentTestimonial * 340; // 320px card + 20px
gap
  document.getElementById('testimonialCarousel').scrollTo({
    left: scrollPos,
    behavior: 'smooth'
  });

  currentTestimonial = (currentTestimonial + 1) %
testimonialCount;
  setTimeout(rotateTestimonials, 5000);
}

// Start rotation
setTimeout(rotateTestimonials, 5000);

// Scan Card Hover Effects
document.querySelectorAll('.scan-card').forEach(card => {
  card.addEventListener('mouseenter', function() {
    this.style.transform = 'translateY(-10px)';
    this.style.boxShadow = '0 15px 35px rgba(0,0,0,0.15)';
  });

  card.addEventListener('mouseleave', function() {
    this.style.transform = 'translateY(0)';
    this.style.boxShadow = '0 10px 30px rgba(0,0,0,0.1)';
  });
});
});
</script>
</body>
</html>

```