

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>HealthBot - AI Disease Awareness Assistant</title>
<link rel="stylesheet" href="sih.css">
<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css"
rel="stylesheet">
</head>
<body>
<div class="container">
<!-- Header -->
<header class="header">
<div class="header-content">
<div class="logo">
<i class="fas fa-robot"></i>
<h1>HealthBot</h1>
</div>
<div class="status">
<span class="status-indicator"></span>
<span class="status-text">AI Assistant Online</span>
</div>
</div>
</header>

<!-- Main Chat Container -->
<main class="chat-container">
<!-- Disease Quick Links -->
<div class="quick-links">
<h3><i class="fas fa-lightning-bolt"></i> Quick Disease Info</h3>
<div class="links-grid">
<button class="quick-btn" data-disease="covid19">
<i class="fas fa-virus"></i>
COVID-19
</button>
<button class="quick-btn" data-disease="diabetes">
<i class="fas fa-heartbeat"></i>
Diabetes
</button>
<button class="quick-btn" data-disease="hypertension">
<i class="fas fa-tachometer-alt"></i>
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Hypertension

</button>

<button class="quick-btn" data-disease="flu">

<i class="fas fa-thermometer-half"></i>

Influenza

</button>

<button class="quick-btn" data-disease="malaria">

<i class="fas fa-bug"></i>

Malaria

</button>

<button class="quick-btn" data-disease="tuberculosis">

<i class="fas fa-lungs"></i>

Tuberculosis

</button>

</div>

</div>

<!-- Chat Messages Area -->

<div class="chat-messages" id="chatMessages">

<div class="message bot-message">

<div class="message-avatar">

<i class="fas fa-robot"></i>

</div>

<div class="message-content">

<div class="message-header">

HealthBot AI

Just now

</div>

<div class="message-text">

<p>Hello! I'm your AI-powered public health assistant. I can help you learn about:</p>

Disease symptoms and causes

Prevention methods

Treatment options

Health recommendations

</div>

</div>

</div>

</div>

<!-- Optional Info Section -->

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<div style="text-align: right; margin: 2px
15px;align-items:center;justify-content:flex-end;gap:10px;">
<span> Please use our AI chatbot for any health enquiries about disease prevention,
symptoms, and vaccination 'dp  Ø>Pyb></span>
<button align="right" onclick="location.href='m2.html'" style="padding: 10px 16px; background:
linear-gradient(to right,#1db4ff,#1db4ff); color: white; border: none; border-radius: 5px; cursor:
pointer;">
Ø>YLFESHIELD.AI
</button>
</div>
</main>

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<!-- Emergency Notice -->
<div class="emergency-notice">
<i class="fas fa-exclamation-triangle"></i>
<span>Emergency? Call your local emergency number immediately. This bot provides
information only.</span>
</div>
</div>

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<!-- Chatbot Logic -->
<script>
class HealthChatbot {
constructor() {
this.chatMessages = document.getElementById('chatMessages');
this.loadingOverlay = { style: { display: 'none' } }; // dummy placeholder
this.diseaseDatabase = this.initializeDiseaseDatabase();
this.initializeEventListeners();
}

initializeEventListeners() {
document.querySelectorAll('.quick-btn').forEach(btn => {
btn.addEventListener('click', (e) => {
const disease = e.currentTarget.dataset.disease;
this.handleQuickQuery(disease);
});
});
}

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initializeDiseaseDatabase() {
return {
covid19: {

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name: "COVID-19",
symptoms: ["Fever", "Cough", "Shortness of breath", "Loss of taste/smell", "Fatigue", "Body aches"],
prevention: ["Wear masks", "Social distancing", "Hand hygiene", "Vaccination", "Avoid crowds"],
treatment: "Consult healthcare provider for appropriate treatment based on severity"
},
diabetes: {
name: "Diabetes",
symptoms: ["Excessive thirst", "Frequent urination", "Fatigue", "Blurred vision", "Slow healing wounds"],
prevention: ["Healthy diet", "Regular exercise", "Weight management", "Regular check-ups"],
treatment: "Blood sugar monitoring, medication, lifestyle changes - consult endocrinologist"
},
hypertension: {
name: "Hypertension (High Blood Pressure)",
symptoms: ["Often no symptoms", "Headaches", "Dizziness", "Chest pain", "Shortness of breath"],
prevention: ["Low sodium diet", "Regular exercise", "Stress management", "Limit alcohol", "No smoking"],
treatment: "Lifestyle changes, blood pressure medications - consult cardiologist"
},
flu: {
name: "Influenza (Flu)",
symptoms: ["Fever", "Chills", "Muscle aches", "Cough", "Congestion", "Headache"],
prevention: ["Annual flu vaccination", "Hand hygiene", "Avoid sick people", "Boost immunity"],
treatment: "Rest, fluids, antiviral medications if prescribed early"
},
malaria: {
name: "Malaria",
symptoms: ["Fever", "Chills", "Headache", "Nausea", "Vomiting", "Muscle pain"],
prevention: ["Mosquito nets", "Insect repellent", "Antimalarial drugs in endemic areas"],
treatment: "Antimalarial medications - immediate medical attention required"
},
tuberculosis: {
name: "Tuberculosis (TB)",
symptoms: ["Persistent cough", "Chest pain", "Coughing blood", "Fever", "Night sweats", "Weight loss"],
prevention: ["BCG vaccination", "Avoid close contact with TB patients", "Good ventilation"],
treatment: "Long-term antibiotic treatment - must complete full course"
}
};

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}

handleQuickQuery(diseaseKey) {
  const disease = this.diseaseDatabase[diseaseKey];
  if (disease) {
    this.addBotMessage(this.formatDiseaseInfo(disease));
  }
}

formatDiseaseInfo(disease) {
  return `
<div class="disease-info">
  < h 3 > ${disease.name}</h3>
  <p><strong>Symptoms:</strong> ${disease.symptoms.join(', ')}</p>
  <p><strong>Prevention:</strong> ${disease.prevention.join(', ')}</p>
  <p><strong>Treatment:</strong> ${disease.treatment}</p>
</div>
`;
}

addBotMessage(message) {
  const msg = document.createElement('div');
  msg.className = 'message bot-message';
  msg.innerHTML = `
<div class="message-avatar"><i class="fas fa-robot"></i></div>
<div class="message-content">
  <div class="message-text">${message}</div>
</div>
`;
  this.chatMessages.appendChild(msg);
  this.chatMessages.scrollTop= this.chatMessages.scrollHeight;
}
}

// Initialize chatbot on page load
window.onload = () => {
  new HealthChatbot();
};
</script>
</body>
</html>

```

