<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<meta name="google-site-verification" content="8nGspHv9tDvk25BIUncRl657jKkQjX9eeAiyKn73xbo" />

<meta name="verification" content="TJ83TYG32KA59453X35JXOKBHN82E7PS"/>

<!-- Dynamic Title will be set by JavaScript on load and user input for enhanced SEO -->

<title>AI Translator: Free Online Language Translation Tool for Instant & Accurate Text Translation in 100+ Languages</title>

<!-- Dynamic Meta Description and Keywords will be set by JavaScript on load and user input for SEO optimization -->

<meta name="description" content="Use our free online AI translator for instant text translation in 100+ languages, including Hindi, Spanish, French, German, and more. Get accurate, fast, and privacy-focused language translations for documents, websites, and everyday communication. A powerful alternative to Google Translate.">

<meta name="keywords" content="online translator, free translation tool, AI language translator, text translation, instant language translation, accurate translation, multilingual tool, translate English to Hindi, Spanish translator, French translation, German translation, Arabic translator, Chinese translation, Russian translation, Japanese translation, Korean translation, Indian languages translation, document translator, website translation, privacy-focused translator, secure language tool">

<!-- Canonical Link Tag for SEO - Replace with your actual domain for proper indexing -->

<link rel="canonical" href="https://yourdomain.com/ai-translator">

<!-- Open Graph / Facebook Meta Tags - Enhanced with SEO-rich content and a working placeholder image -->

<meta property="og:type" content="website">

<meta property="og:url" content="https://yourdomain.com/ai-translator">

<meta property="og:title" content="AI Translator: Free Online Language Translation Tool">

<meta property="og:description" content="Use our free online AI translator for instant text translation in 100+ languages. Accurate and fast language translator for Hindi, Spanish, and more. A great alternative to Google Translate.">

<meta property="og:image" content="https://placehold.co/1200x630/0d1117/3b82f6?text=AI+Translator+Tool+Screenshot">

<!-- Twitter Card Meta Tags - Enhanced for better Twitter sharing and visibility -->

<meta name="twitter:card" content="summary\_large\_image">

<meta name="twitter:url" content="https://yourdomain.com/ai-translator">

<meta name="twitter:title" content="AI Translator: Free Online Language Translation Tool">

<meta name="twitter:description" content="Use our free online AI translator for instant text translation in 100+ languages. Accurate and fast language translator for Hindi, Spanish, and more. A great alternative to Google Translate.">

<meta name="twitter:image" content="https://placehold.co/1200x630/0d1117/3b82f6?text=AI+Translator+Tool+Screenshot">

<!-- Favicon - Replace with your actual favicon files for consistent branding -->

<link rel="icon" href="/favicon.ico" type="image/x-icon">

<link rel="apple-touch-icon" href="/apple-touch-icon.png">

<!-- PWA Manifest - Create manifest.json in your root directory for mobile SEO and installability -->

<link rel="manifest" href="/manifest.json">

<!-- Preload important fonts (example for Inter, if self-hosted for better PageSpeed) -->

<!-- <link rel="preload" href="/fonts/inter-v12-latin-regular.woff2" as="font" type="font/woff2" crossorigin> -->

<!-- Font Awesome for Icons (lazy-loaded if possible, but CDN links are often fast) -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css">

<style>

/\* Basic Reset & Variables \*/

:root {

--primary: #3b82f6;

--primary-dark: #2563eb;

--dark: #0d1117;

--darker: #0a0d12;

--light: #f8fafc;

--gray: #94a3b8;

--card-bg: #161b22;

--success: #10b981;

--danger: #ef4444;

--border-radius: 12px;

--transition: all 0.3s ease;

--shadow: 0 4px 6px rgba(0, 0, 0, 0.1);

--glow: 0 0 15px rgba(59, 130, 246, 0.5);

}

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

font-family: 'Inter', sans-serif; /\* Using Inter font for consistency \*/

}

body {

background: linear-gradient(135deg, var(--darker), var(--dark));

color: var(--light);

line-height: 1.6;

min-height: 100vh;

padding: 20px;

position: relative;

overflow-x: hidden;

}

body::before {

content: "";

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 100%;

background: radial-gradient(circle at top right, rgba(59, 130, 246, 0.1) 0%, transparent 30%);

pointer-events: none;

z-index: -1;

}

.container {

max-width: 1200px;

margin: 0 auto;

}

/\* Header Styles \*/

header {

display: flex;

flex-direction: column;

align-items: center;

padding: 20px 0;

margin-bottom: 30px;

text-align: center;

}

.logo-container {

display: flex;

align-items: center;

gap: 15px;

margin-bottom: 15px;

}

.logo {

width: 60px;

height: 60px;

background: var(--primary);

border-radius: 50%;

display: flex;

align-items: center;

justify-content: center;

font-size: 24px;

box-shadow: var(--glow);

}

h1 {

font-size: 2.5rem;

background: linear-gradient(to right, var(--primary), #8b5cf6);

-webkit-background-clip: text;

background-clip: text;

color: transparent;

margin-bottom: 10px;

letter-spacing: 0.5px;

}

.tagline {

color: var(--gray);

font-size: 1.1rem;

max-width: 600px;

}

/\* Language Toggle \*/

.language-toggle {

display: flex;

justify-content: flex-end; /\* Moved from inline style \*/

gap: 10px;

margin-bottom: 20px;

}

.lang-btn {

background: rgba(255, 255, 255, 0.1);

color: var(--light);

border: 1px solid rgba(255, 255, 255, 0.2);

padding: 8px 15px;

border-radius: 8px;

cursor: pointer;

transition: var(--transition);

font-weight: 500;

}

.lang-btn.active, .lang-btn:hover {

background: var(--primary);

border-color: var(--primary);

box-shadow: 0 0 10px rgba(59, 130, 246, 0.3);

}

/\* Main Content \*/

.translator-container {

display: grid;

grid-template-columns: 1fr;

gap: 30px;

margin-bottom: 40px;

}

@media (min-width: 768px) {

.translator-container {

grid-template-columns: 1fr 1fr;

}

}

.card {

background: var(--card-bg);

border-radius: var(--border-radius);

padding: 25px;

box-shadow: var(--shadow);

transition: var(--transition);

border: 1px solid rgba(255, 255, 255, 0.05);

}

.card:hover {

transform: translateY(-5px);

box-shadow: 0 10px 20px rgba(0, 0, 0, 0.2);

}

.card-header {

display: flex;

justify-content: space-between;

align-items: center;

margin-bottom: 20px;

padding-bottom: 15px;

border-bottom: 1px solid rgba(255, 255, 255, 0.1);

}

.card-title {

font-size: 1.3rem;

color: var(--primary);

display: flex;

align-items: center;

gap: 8px;

}

.language-selector-wrapper {

display: flex;

align-items: center;

gap: 10px;

margin-bottom: 15px;

flex-wrap: wrap;

}

.language-selector {

display: flex;

gap: 10px;

flex-wrap: wrap;

flex-grow: 1;

}

.select-container {

flex: 1;

min-width: 150px;

}

select {

width: 100%;

padding: 12px 15px;

background: rgba(255, 255, 255, 0.05);

border: 1px solid rgba(255, 255, 255, 0.1);

border-radius: 8px;

color: var(--light);

font-size: 1rem;

cursor: pointer;

transition: var(--transition);

appearance: none;

background-image: url("data:image/svg+xml;charset=UTF-8,%3csvg xmlns='http://www.w3.org/2000/svg' viewBox='0 0 24 24' fill='none' stroke='white' stroke-width='2' stroke-linecap='round' stroke-linejoin='round'%3e%3cpolyline points='6 9 12 15 18 9'%3e%3c/polyline%3e%3c/svg%3e");

background-repeat: no-repeat;

background-position: right 15px center;

background-size: 16px;

}

select:focus {

outline: none;

border-color: var(--primary);

box-shadow: 0 0 0 3px rgba(59, 130, 246, 0.2);

}

.auto-detect {

display: flex;

align-items: center;

gap: 8px;

font-size: 14px;

padding: 5px 10px;

background: rgba(59, 130, 246, 0.1);

border-radius: 20px;

color: var(--primary);

}

.text-container {

position: relative;

margin-bottom: 15px;

}

textarea {

width: 100%;

height: 200px;

padding: 15px;

background: rgba(255, 255, 255, 0.03);

border: 1px solid rgba(255, 255, 255, 0.1);

border-radius: 8px;

color: var(--light);

font-size: 1rem;

resize: none;

transition: var(--transition);

}

textarea:focus {

outline: none;

border-color: var(--primary);

box-shadow: 0 0 0 3px rgba(59, 130, 246, 0.2);

}

.char-count {

position: absolute;

bottom: 10px;

right: 10px;

font-size: 0.8rem;

color: var(--gray);

background: rgba(0, 0, 0, 0.5);

padding: 2px 8px;

border-radius: 10px;

}

.translate-btn {

width: 100%;

padding: 15px;

background: linear-gradient(135deg, var(--primary), var(--primary-dark));

color: white;

border: none;

border-radius: 8px;

font-size: 1.1rem;

font-weight: 600;

cursor: pointer;

transition: var(--transition);

display: flex;

align-items: center;

justify-content: center;

gap: 10px;

box-shadow: var(--glow);

margin-top: 10px;

}

.translate-btn:hover {

transform: translateY(-3px);

box-shadow: 0 7px 15px rgba(59, 130, 246, 0.4);

}

.translate-btn:active {

transform: translateY(0);

}

.translate-btn i {

font-size: 1.2rem;

}

/\* Features Section \*/

.features-section {

margin: 50px 0;

}

.section-title {

text-align: center;

font-size: 2rem;

margin-bottom: 40px;

color: var(--light);

}

.features-grid {

display: grid;

grid-template-columns: repeat(auto-fit, minmax(280px, 1fr));

gap: 25px;

}

.feature-card {

background: var(--card-bg);

border-radius: var(--border-radius);

padding: 25px;

text-align: center;

transition: var(--transition);

border: 1px solid rgba(255, 255, 255, 0.05);

text-decoration: none; /\* For bonus section links \*/

color: inherit; /\* For bonus section links \*/

display: flex; /\* For bonus section links \*/

flex-direction: column; /\* For bonus section links \*/

justify-content: center; /\* For bonus section links \*/

align-items: center; /\* For bonus section links \*/

}

.feature-card:hover {

transform: translateY(-5px);

border-color: var(--primary);

}

.feature-icon {

font-size: 2.5rem;

color: var(--primary);

margin-bottom: 20px;

}

.feature-title {

font-size: 1.3rem;

margin-bottom: 15px;

color: var(--light);

}

.feature-desc {

color: var(--gray);

font-size: 1rem;

}

/\* Footer \*/

footer {

text-align: center;

padding: 30px 0;

margin-top: 50px;

border-top: 1px solid rgba(255, 255, 255, 0.1);

color: var(--gray);

}

.footer-links {

display: flex;

justify-content: center;

gap: 25px;

margin-bottom: 20px;

flex-wrap: wrap;

}

.footer-links a {

color: var(--gray);

text-decoration: none;

transition: var(--transition);

}

.footer-links a:hover {

color: var(--primary);

}

/\* Responsive Adjustments \*/

@media (max-width: 768px) {

h1 {

font-size: 2rem;

}

.card {

padding: 20px;

}

.logo-container {

flex-direction: column;

}

}

@media (max-width: 480px) {

body {

padding: 15px;

}

h1 {

font-size: 1.8rem;

}

.section-title {

font-size: 1.6rem;

}

.language-selector-wrapper {

flex-direction: column;

align-items: stretch;

}

.select-container {

min-width: unset;

width: 100%;

}

.swap-lang-btn {

width: 100%;

padding: 12px;

}

}

/\* Animation \*/

@keyframes fadeIn {

from { opacity: 0; transform: translateY(20px); }

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

}

.animated {

animation: fadeIn 0.6s ease-out forwards;

}

.delay-1 { animation-delay: 0.2s; }

.delay-2 { animation-delay: 0.4s; }

.delay-3 { animation-delay: 0.6s; }

.delay-4 { animation-delay: 0.8s; }

/\* Tooltip \*/

.tooltip {

position: relative;

display: inline-block;

cursor: pointer;

}

.tooltip .tooltip-text {

visibility: hidden;

width: 200px;

background-color: var(--darker);

color: var(--light);

text-align: center;

border-radius: 6px;

padding: 10px;

position: absolute;

z-index: 1;

bottom: 125%;

left: 50%;

transform: translateX(-50%);

opacity: 0;

transition: opacity 0.3s;

font-size: 0.9rem;

border: 1px solid var(--primary);

}

.tooltip:hover .tooltip-text {

visibility: visible;

opacity: 1;

}

/\* Language Badges \*/

.language-badges {

display: flex;

flex-wrap: wrap;

gap: 10px;

justify-content: center;

margin-top: 20px;

}

.language-badge {

background: rgba(59, 130, 246, 0.1);

color: var(--primary);

padding: 5px 12px;

border-radius: 20px;

font-size: 0.85rem;

border: 1px solid rgba(59, 130, 246, 0.3);

}

/\* Language Detection \*/

.detected-language {

display: flex;

align-items: center;

gap: 8px;

font-size: 14px;

padding: 5px 10px;

background: rgba(16, 185, 129, 0.1);

border-radius: 20px;

color: var(--success);

margin-top: 10px;

}

/\* SEO Section \*/

.seo-section {

background: var(--card-bg);

border-radius: var(--border-radius);

padding: 25px;

margin: 40px 0;

border: 1px solid rgba(255, 255, 255, 0.05);

}

.seo-title {

font-size: 1.5rem;

margin-bottom: 20px;

color: var(--primary);

text-align: center;

}

.seo-controls {

display: flex;

flex-wrap: wrap;

gap: 15px;

margin-bottom: 20px;

}

.seo-control {

flex: 1;

min-width: 200px;

}

.seo-control label {

display: block;

margin-bottom: 8px;

font-weight: 500;

}

.seo-control input, .seo-control textarea {

width: 100%;

padding: 10px 15px;

background: rgba(255, 255, 255, 0.03);

border: 1px solid rgba(255, 255, 255, 0.1);

border-radius: 8px;

color: var(--light);

font-size: 1rem;

}

.seo-control textarea {

height: 100px;

resize: vertical;

}

.save-seo-btn {

background: var(--success);

color: white;

border: none;

padding: 10px 20px;

border-radius: 6px;

cursor: pointer;

font-weight: 500;

transition: var(--transition);

display: block;

margin: 0 auto;

}

.save-seo-btn:hover {

background: #059669;

}

/\* Clear Button \*/

.clear-btn {

background: rgba(239, 68, 68, 0.2);

color: #ef4444;

border: 1px solid #ef4444;

padding: 8px 12px;

border-radius: 8px;

cursor: pointer;

font-weight: 500;

display: flex;

align-items: center;

gap: 5px;

font-size: 0.9rem;

}

.clear-btn:hover {

background: rgba(239, 68, 68, 0.3);

}

/\* Swap Button \*/

.swap-lang-btn {

background: rgba(139, 92, 246, 0.2);

color: #8b5cf6;

border: 1px solid #8b5cf6;

border-radius: 8px;

padding: 10px;

cursor: pointer;

transition: var(--transition);

display: flex;

align-items: center;

justify-content: center;

font-size: 1.2rem;

}

.swap-lang-btn:hover {

background: rgba(139, 92, 246, 0.3);

}

/\* Custom Toast Message \*/

#toast-container {

position: fixed;

bottom: 20px;

left: 50%;

transform: translateX(-50%);

z-index: 1000;

display: flex;

flex-direction: column;

gap: 10px;

pointer-events: none; /\* Allows clicks to pass through \*/

}

.toast {

background-color: var(--darker);

color: var(--light);

padding: 12px 20px;

border-radius: 8px;

box-shadow: 0 4px 12px rgba(0, 0, 0, 0.2);

opacity: 0;

transition: opacity 0.3s ease-in-out, transform 0.3s ease-in-out;

transform: translateY(20px);

min-width: 250px;

text-align: center;

pointer-events: auto; /\* Re-enable pointer events for the toast itself \*/

border: 1px solid var(--primary);

}

.toast.show {

opacity: 1;

transform: translateY(0);

}

.toast.success {

border-color: var(--success);

color: var(--success);

}

.toast.error {

border-color: var(--danger);

color: var(--danger);

}

.toast.info {

border-color: var(--primary);

color: var(--primary);

}

/\* Custom Modal \*/

.modal {

display: none; /\* Hidden by default \*/

position: fixed; /\* Stay in place \*/

z-index: 1000; /\* Sit on top \*/

left: 0;

top: 0;

width: 100%; /\* Full width \*/

height: 100%; /\* Full height \*/

overflow: auto; /\* Enable scroll if needed \*/

background-color: rgba(0,0,0,0.6); /\* Black w/ opacity \*/

justify-content: center;

align-items: center;

}

.modal-content {

background-color: var(--card-bg);

margin: auto;

padding: 30px;

border-radius: var(--border-radius);

border: 1px solid rgba(255, 255, 255, 0.1);

width: 90%;

max-width: 500px;

box-shadow: 0 8px 16px rgba(0, 0, 0, 0.3);

position: relative;

animation: zoomIn 0.3s ease-out;

}

.modal-content h3 {

color: var(--primary);

margin-bottom: 20px;

text-align: center;

}

.modal-content p {

margin-bottom: 25px;

text-align: center;

color: var(--light);

}

.modal-buttons {

display: flex;

justify-content: center;

gap: 15px;

}

.modal-button {

padding: 10px 20px;

border: none;

border-radius: 8px;

cursor: pointer;

font-weight: 600;

transition: var(--transition);

}

.modal-button.confirm {

background-color: var(--success);

color: white;

}

.modal-button.confirm:hover {

background-color: #059669;

}

.modal-button.cancel {

background-color: var(--gray);

color: var(--dark);

}

.modal-button.cancel:hover {

background-color: #7b8b9e;

}

@keyframes zoomIn {

from { transform: scale(0.9); opacity: 0; }

to { transform: scale(1); opacity: 1; }

}

/\* History Section \*/

.history-section {

background: var(--card-bg);

border-radius: var(--border-radius);

padding: 25px;

margin: 40px 0;

border: 1px solid rgba(255, 255, 255, 0.05);

}

.history-header {

display: flex;

justify-content: space-between;

align-items: center;

margin-bottom: 20px;

padding-bottom: 15px;

border-bottom: 1px solid rgba(255, 255, 255, 0.1);

}

.history-title {

font-size: 1.5rem;

color: var(--primary);

}

#historyList {

list-style: none;

padding: 0;

max-height: 300px; /\* Limit height for scrollability \*/

overflow-y: auto; /\* Enable scrolling \*/

border: 1px solid rgba(255, 255, 255, 0.1);

border-radius: 8px;

padding: 10px;

}

.history-item {

background: rgba(255, 255, 255, 0.05);

padding: 10px 15px;

margin-bottom: 8px;

border-radius: 6px;

display: flex;

flex-direction: column;

gap: 5px;

font-size: 0.95rem;

color: var(--light);

border: 1px solid rgba(255, 255, 255, 0.08);

transition: background-color 0.2s ease;

cursor: pointer; /\* Indicate it's clickable \*/

}

.history-item:hover {

background-color: rgba(255, 255, 255, 0.08);

}

.history-item-langs {

font-size: 0.8rem;

color: var(--gray);

}

.history-item-text {

font-weight: 500;

}

.clear-history-btn {

background: var(--danger);

color: white;

border: none;

padding: 8px 15px;

border-radius: 6px;

cursor: pointer;

font-weight: 500;

transition: var(--transition);

}

.clear-history-btn:hover {

background: #c0392b;

}

/\* Cookie Consent Banner \*/

#consentBanner {

position: fixed;

bottom: 0;

left: 0;

width: 100%;

background-color: rgba(0, 0, 0, 0.9);

color: white;

padding: 15px 20px;

display: flex;

flex-direction: column;

align-items: center;

gap: 15px;

z-index: 1001;

box-shadow: 0 -2px 10px rgba(0, 0, 0, 0.3);

border-top: 1px solid var(--primary);

}

#consentBanner p {

margin: 0;

text-align: center;

font-size: 0.95rem;

}

#consentBanner button {

background-color: var(--primary);

color: white;

border: none;

padding: 10px 20px;

border-radius: 8px;

cursor: pointer;

font-weight: 600;

transition: var(--transition);

}

#consentBanner button:hover {

background-color: var(--primary-dark);

}

@media (min-width: 768px) {

#consentBanner {

flex-direction: row;

justify-content: center;

}

}

</style>

</head>

<body>

<div class="container">

<!-- Language Toggle -->

<div class="language-toggle" role="navigation" aria-label="Language selection">

<button class="lang-btn active" id="lang-en" aria-label="Switch to English">English</button>

<button class="lang-btn" id="lang-hi" aria-label="Switch to Hindi"> हिंदी </button>

</div>

<!-- Header -->

<header class="animated">

<div class="logo-container">

<div class="logo" aria-hidden="true">

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

</div>

<div>

<h1 data-translate="headerTitle">AI Language Translation Tool</h1>

<p class="tagline" data-translate="headerTagline">Instantly translate text, documents, and web content between over 100 languages. Your go-to solution for accurate, fast, and secure multilingual communication.</p>

</div>

</div>

</header>

<main>

<!-- Translator Section -->

<section class="translator-container">

<div class="card animated delay-1">

<div class="card-header">

<h2 class="card-title"><i class="fas fa-keyboard" aria-hidden="true"></i> <span data-translate="inputTextTitle">Input Text for Translation</span></h2>

<div style="display: flex; gap: 10px; align-items: center;">

<div class="auto-detect">

<i class="fas fa-globe-americas" aria-hidden="true"></i> <span data-translate="autoDetect">Auto Detect Language</span>

</div>

<button class="clear-btn" id="clearInputBtn" aria-label="Clear all text input and output">

<i class="fas fa-trash-alt" aria-hidden="true"></i> <span data-translate="clear">Clear</span>

</button>

</div>

</div>

<div class="language-selector-wrapper">

<div class="select-container">

<label for="sourceLang" class="sr-only">Source Language for Translation</label>

<select id="sourceLang" aria-label="Select source language"></select>

</div>

<div class="tooltip">

<i class="fas fa-info-circle" aria-label="Information about language detection"></i>

<span class="tooltip-text" data-translate="tooltipInput">Our intelligent AI system automatically detects the source language of your input text. You can also manually select your preferred source language from the dropdown.</span>

</div>

</div>

<div class="text-container">

<textarea id="inputText" placeholder="Enter text to translate here, e.g., 'Hello, how are you?' or 'Namaste, kaise hain aap?'" data-translate-placeholder="inputPlaceholder" aria-label="Enter text for translation"></textarea>

<div class="char-count" data-translate="charCount">0/5000</div>

</div>

</div>

<div class="card animated delay-2">

<div class="card-header">

<h2 class="card-title"><i class="fas fa-flag" aria-hidden="true"></i> <span data-translate="translateTitle">Translated Output</span></h2>

<div style="display: flex; gap: 10px; align-items: center;">

<div class="tooltip">

<i class="fas fa-volume-up" id="speakBtn" role="button" tabindex="0" aria-label="Listen to translated text"></i>

<span class="tooltip-text" data-translate="listenTooltip">Listen to the generated translated text aloud.</span>

</div>

<div class="tooltip">

<i class="fas fa-copy" id="copyBtn" role="button" tabindex="0" aria-label="Copy translated text to clipboard"></i>

<span class="tooltip-text" data-translate="copyTooltip">Copy the translated text to your clipboard for easy pasting.</span>

</div>

</div>

</div>

<div class="language-selector-wrapper">

<div class="select-container">

<label for="targetLang" class="sr-only">Target Language for Translation</label>

<select id="targetLang" aria-label="Select target language"></select>

</div>

<button class="swap-lang-btn" id="swapLangBtn" title="Swap Source and Target Languages" aria-label="Swap source and target languages">

<i class="fas fa-exchange-alt" aria-hidden="true"></i>

</button>

</div>

<div class="text-container">

<textarea id="outputText" placeholder="Your accurate translation will appear here instantly." data-translate-placeholder="outputPlaceholder" readonly aria-label="Translated text output"></textarea>

<div class="char-count" data-translate="charCount">0/5000</div>

</div>

<div class="detected-language">

<i class="fas fa-lightbulb" aria-hidden="true"></i>

<span id="detectionResult"><span data-translate="detected">Detected Source Language:</span> English</span>

</div>

</div>

</section>

<button class="translate-btn animated delay-3" id="translateBtn" aria-label="Translate text now">

<i class="fas fa-exchange-alt" aria-hidden="true"></i> <span data-translate="translateBtn">Translate Text Now</span>

</button>

<!-- History Section -->

<section class="history-section animated delay-3">

<div class="history-header">

<h3 class="history-title" data-translate="translationHistoryTitle">Recent Translation History</h3>

<button class="clear-history-btn" id="clearHistoryBtn" aria-label="Clear all translation history">

<i class="fas fa-history" aria-hidden="true"></i> <span data-translate="clearHistory">Clear History</span>

</button>

</div>

<ul id="historyList">

<!-- History items will be dynamically added here -->

<li data-translate="noHistoryYet">No translation history yet. Start translating to see your history here.</li>

</ul>

</section>

<!-- SEO Section -->

<section class="seo-section animated delay-2">

<h3 class="seo-title" data-translate="seoSettingsTitle">Website SEO Optimization Settings</h3>

<p style="text-align: center; color: var(--gray); margin-bottom: 25px;">Customize your page's meta tags for better search engine visibility. These settings update in real-time.</p>

<div class="seo-controls">

<div class="seo-control">

<label for="pageTitleInput" data-translate="pageTitleLabel">Page Title (e.g., Free Online AI Translator | [Your Brand])</label>

<input type="text" id="pageTitleInput" aria-label="SEO Page Title for search engines">

</div>

<div class="seo-control">

<label for="metaDescriptionInput" data-translate="metaDescriptionLabel">Meta Description (150-160 chars for concise summary)</label>

<textarea id="metaDescriptionInput" aria-label="SEO Meta Description for search results"></textarea>

</div>

<div class="seo-control">

<label for="metaKeywordsInput" data-translate="metaKeywordsLabel">Meta Keywords (comma-separated, e.g., AI translator, free translation)</label>

<textarea id="metaKeywordsInput" aria-label="SEO Meta Keywords for search ranking"></textarea>

</div>

</div>

<button class="save-seo-btn" data-translate="saveSeoBtn" aria-label="Save SEO settings">Save SEO Settings</button>

</section>

<!-- Features Section -->

<section class="features-section">

<h2 class="section-title animated" data-translate="whyChooseUs">Why Choose Our Advanced AI Translation Tool</h2>

<div class="features-grid">

<div class="feature-card animated delay-1">

<div class="feature-icon">

<i class="fas fa-globe" aria-hidden="true"></i>

</div>

<h3 class="feature-title" data-translate="feature1Title">Support for 100+ Global Languages</h3>

<p class="feature-desc" data-translate="feature1Desc">Our powerful AI translator supports over 100 diverse global and regional languages, ensuring comprehensive linguistic coverage for your translation needs.</p>

</div>

<div class="feature-card animated delay-2">

<div class="feature-icon">

<i class="fas fa-bolt" aria-hidden="true"></i>

</div>

<h3 class="feature-title" data-translate="feature2Title">Instant & Accurate Translation Results</h3>

<p class="feature-desc" data-translate="feature2Desc">Experience lightning-fast, real-time translations powered by cutting-edge AI algorithms, providing highly accurate linguistic conversions within seconds.</p>

</div>

<div class="feature-card animated delay-3">

<div class="feature-icon">

<i class="fas fa-lock" aria-hidden="true"></i>

</div>

<h3 class="feature-title" data-translate="feature3Title">Strict Privacy & Data Security</h3>

<p class="feature-desc" data-translate="feature3Desc">Your input data and translated content are never stored, logged, or shared with any third parties. We are committed to your utmost privacy and data security.</p>

</div>

<div class="feature-card animated delay-4">

<div class="feature-icon">

<i class="fas fa-mobile-alt" aria-hidden="true"></i>

</div>

<h3 class="feature-title" data-translate="feature4Title">Fully Responsive & Mobile-Friendly</h3>

<p class="feature-desc" data-translate="feature4Desc">Our translation tool is meticulously designed to work flawlessly across all devices – desktops, tablets, and mobile phones – ensuring a consistent and optimal user experience.</p>

</div>

</div>

</section>

<!-- Supported Languages -->

<section class="features-section">

<h2 class="section-title animated" data-translate="supportedLanguagesTitle">Supported Languages for AI Translation</h2>

<p style="text-align: center; max-width: 800px; margin: 0 auto 30px; color: var(--gray);" data-translate="supportedLanguagesText">

Our free AI translator supports communication in over 130 global and regional languages. This includes popular languages like English, Hindi, Spanish, French, German, Arabic, Chinese, Russian, and Japanese, alongside numerous Indian languages such as Assamese, Bengali, Bodo, Dogri, Gujarati, Kannada, Kashmiri, Konkani, Maithili, Malayalam, Manipuri, Marathi, Nepali, Odia, Punjabi, Sanskrit, Santali, Sindhi, Tamil, Telugu, and Urdu. We are continuously expanding our language support to break more linguistic barriers.

</p>

<div class="language-badges">

<span class="language-badge">English Translator</span>

<span class="language-badge">Hindi Translation</span>

<span class="language-badge">Spanish Translator</span>

<span class="language-badge">French Language Tool</span>

<span class="language-badge">German Translation</span>

<span class="language-badge">Arabic Text Translator</span>

<span class="language-badge">Chinese (Simplified) Translator</span>

<span class="language-badge">Russian Translation</span>

<span class="language-badge">Japanese Translator</span>

<span class="language-badge">Korean Translation</span>

<span class="language-badge">Assamese Translator</span>

<span class="language-badge">Bengali Translation</span>

<span class="language-badge">Bodo Translation</span>

<span class="language-badge">Dogri Translation</span>

<span class="language-badge">Gujarati Translator</span>

<span class="language-badge">Kannada Translation</span>

<span class="language-badge">Kashmiri Translator</span>

<span class="language-badge">Konkani Translation</span>

<span class="language-badge">Maithili Translator</span>

<span class="language-badge">Malayalam Translation</span>

<span class="language-badge">Manipuri Translator</span>

<span class="language-badge">Marathi Translation</span>

<span class="language-badge">Nepali Translator</span>

<span class="language-badge">Odia Translation</span>

<span class="language-badge">Punjabi Translator</span>

<span class="language-badge">Sanskrit Translation</span>

<span class="language-badge">Santali Translator</span>

<span class="language-badge">Sindhi Translation</span>

<span class="language-badge">Tamil Translator</span>

<span class="language-badge">Telugu Translation</span>

<span class="language-badge">Urdu Translator</span>

<span class="language-badge">Swahili Translation</span>

<span class="language-badge">Turkish Translator</span>

<span class="language-badge">Thai Translation</span>

<span class="language-badge">Indonesian Translator</span>

<span class="language-badge">Vietnamese Translation</span>

<span class="language-badge">Persian Translator</span>

<span class="language-badge">Hebrew Translation</span>

<span class="language-badge">Somali Translation</span>

<span class="language-badge">Oromo Translation</span>

<span class="language-badge">Tigrinya Translation</span>

<span class="language-badge">More than 100 Languages</span>

</div>

</section>

<!-- Blog / Use Cases Section (Bonus) - Designed for SEO content creation -->

<section class="features-section">

<h2 class="section-title animated" data-translate="blogTitle">AI Translation: Blog & Use Cases</h2>

<p style="text-align: center; max-width: 800px; margin: 0 auto 30px; color: var(--gray);" data-translate="blogDescription">

Discover how our AI translation tool can enhance your language learning journey, provide expert translation tips, and explore various practical use cases in business, travel, and academic research.

</p>

<div class="features-grid">

<a href="#business-translation" class="feature-card animated delay-1" aria-label="Read about Business Translation Solutions">

<div class="feature-icon">

<i class="fas fa-briefcase" aria-hidden="true"></i>

</div>

<h3 class="feature-title" data-translate="blog1Title">Business Translation Solutions</h3>

<p class="feature-desc" data-translate="blog1Desc">Expand your global market reach and streamline international communication with our accurate business document and email translations.</p>

</a>

<a href="#travel-communication" class="feature-card animated delay-2" aria-label="Read about Travel Communication Made Easy">

<div class="feature-icon">

<i class="fas fa-plane" aria-hidden="true"></i>

</div>

<h3 class="feature-title" data-translate="blog2Title">Travel Communication Made Easy</h3>

<p class="feature-desc" data-translate="blog2Desc">Overcome language barriers while traveling abroad. Communicate effortlessly with locals, understand signs, and navigate new cultures with our instant translator.</p>

</a>

<a href="#academic-research" class="feature-card animated delay-3" aria-label="Read about Academic Research Translation Services">

<div class="feature-icon">

<i class="fas fa-book-reader" aria-hidden="true"></i>

</div>

<h3 class="feature-title" data-translate="blog3Title">Academic Research Translation</h3>

<p class="feature-desc" data-translate="blog3Desc">Quickly translate complex research papers, academic articles, and scientific texts to facilitate global knowledge sharing and accelerate your studies.</p>

</a>

</div>

<p style="text-align: center; margin-top: 30px;">

<a href="#all-articles" class="lang-btn" data-translate="viewAllArticles">View All Translation Articles</a>

</p>

</section>

</main>

<!-- Footer -->

<footer class="animated delay-4">

<div class="footer-links">

<a href="#" data-translate="home">Home</a>

<a href="#" data-translate="aboutUs">About Our AI Translation Tool</a>

<a href="#" data-translate="privacyPolicy">Privacy Policy</a>

<a href="#" data-translate="termsOfService">Terms of Service</a>

<a href="#" data-translate="contact">Contact Us</a>

</div>

<p><span data-translate="allRightsReserved">© 2023 AI Translation Tool. All rights reserved.</span></p>

<p style="margin-top: 10px; font-size: 0.9rem;">

<span data-translate="googleTranslateApi">This free online translation tool utilizes the powerful Google Translate API for accurate and efficient language conversions.</span>

</p>

</footer>

</div>

<!-- Toast Container for notifications -->

<div id="toast-container" role="status" aria-live="polite"></div>

<!-- Custom Modal for SEO Save Confirmation -->

<div id="seoSaveModal" class="modal" role="dialog" aria-modal="true" aria-labelledby="seoModalTitle">

<div class="modal-content">

<h3 id="seoModalTitle" data-translate="seoModalTitle">SEO Settings Saved Successfully</h3>

<p data-translate="seoModalMessage">Your SEO settings have been successfully saved and applied to the page meta tags.</p>

<div class="modal-buttons">

<button class="modal-button confirm" id="seoModalCloseBtn" data-translate="seoModalOk">OK</button>

</div>

</div>

</div>

<!-- Custom Modal for API Error -->

<div id="apiErrorModal" class="modal" role="dialog" aria-modal="true" aria-labelledby="apiErrorModalTitle">

<div class="modal-content">

<h3 id="apiErrorModalTitle" data-translate="apiErrorModalTitle">Translation Error Occurred</h3>

<p id="apiErrorMessage" data-translate="apiErrorModalMessage">An error occurred during translation. Please check your internet connection or try again later. For persistent issues, contact support.</p>

<div class="modal-buttons">

<button class="modal-button confirm" id="apiErrorModalCloseBtn" data-translate="apiErrorModalOk">OK</button>

</div>

</div>

</div>

<!-- Custom Modal for Clear History Confirmation -->

<div id="clearHistoryConfirmModal" class="modal" role="dialog" aria-modal="true" aria-labelledby="clearHistoryConfirmModalTitle">

<div class="modal-content">

<h3 id="clearHistoryConfirmModalTitle" data-translate="clearHistoryConfirmTitle">Confirm Clear Translation History</h3>

<p data-translate="clearHistoryConfirmMessage">Are you absolutely sure you want to clear your entire translation history? This action cannot be undone and all saved translations will be permanently deleted.</p>

<div class="modal-buttons">

<button class="modal-button confirm" id="clearHistoryConfirmYesBtn" data-translate="yes">Yes, Clear History</button>

<button class="modal-button cancel" id="clearHistoryConfirmNoBtn" data-translate="no">No, Keep History</button>

</div>

</div>

</div>

<!-- Cookie Consent Banner for GDPR/CCPA compliance -->

<div id="consentBanner" style="display: none;" role="dialog" aria-modal="true" aria-labelledby="consentBannerTitle">

<p id="consentBannerTitle" data-translate="cookieConsentText">We use cookies to enhance your browsing experience and provide personalized content. By continuing to visit this site, you agree to our use of cookies as described in our Privacy Policy.</p>

<button id="acceptCookiesBtn" data-translate="acceptCookiesBtn">Accept Cookies & Continue</button>

</div>

<!-- Main application logic -->

<script>

// Supported languages with their codes and names (English and Hindi for display)

// This extensive list enhances the SEO keyword footprint for "supported languages"

const languages = [

{ code: 'auto', en\_name: 'Detect Language', hi\_name: 'भाषा का पता लगाएँ' },

// European Languages

{ code: 'en', en\_name: 'English', hi\_name: 'अंग्रेज़ी' },

{ code: 'es', en\_name: 'Spanish', hi\_name: 'स्पेनिश' },

{ code: 'fr', en\_name: 'French', hi\_name: 'फ्रेंच' },

{ code: 'de', en\_name: 'German', hi\_name: 'जर्मन' },

{ code: 'it', en\_name: 'Italian', hi\_name: 'इतालवी' },

{ code: 'pt', en\_name: 'Portuguese', hi\_name: 'पुर्तगाली' },

{ code: 'ru', en\_name: 'Russian', hi\_name: 'रूसी' },

{ code: 'nl', en\_name: 'Dutch', hi\_name: 'डच' },

{ code: 'el', en\_name: 'Greek', hi\_name: 'ग्रीक' },

{ code: 'sv', en\_name: 'Swedish', hi\_name: 'स्वीडिश' },

{ code: 'pl', en\_name: 'Polish', hi\_name: 'पोलिश' },

{ code: 'uk', en\_name: 'Ukrainian', hi\_name: 'यूक्रेनी' },

{ code: 'da', en\_name: 'Danish', hi\_name: 'डेनिश' },

{ code: 'fi', en\_name: 'Finnish', hi\_name: 'फिनिश' },

{ code: 'no', en\_name: 'Norwegian', hi\_name: 'नॉर्वेजियन' },

{ code: 'cs', en\_name: 'Czech', hi\_name: 'चेक' },

{ code: 'hu', en\_name: 'Hungarian', hi\_name: 'हंगेरियन' },

{ code: 'ro', en\_name: 'Romanian', hi\_name: 'रोमानियाई' },

{ code: 'bg', en\_name: 'Bulgarian', hi\_name: 'बल्गेरियाई' },

{ code: 'hr', en\_name: 'Croatian', hi\_name: 'क्रोएशियाई' },

{ code: 'sk', en\_name: 'Slovak', hi\_name: 'स्लोवाक' },

{ code: 'sl', en\_name: 'Slovenian', hi\_name: 'स्लोवेनियाई' },

{ code: 'et', en\_name: 'Estonian', hi\_name: 'एस्टोनियाई' },

{ code: 'lv', en\_name: 'Latvian', hi\_name: 'लातवियाई' },

{ code: 'lt', en\_name: 'Lithuanian', hi\_name: 'लिथुआनियाई' },

{ code: 'ga', en\_name: 'Irish', hi\_name: 'आयरिश' },

{ code: 'mt', en\_name: 'Maltese', hi\_name: 'माल्टीज़' },

{ code: 'is', en\_name: 'Icelandic', hi\_name: 'आइसलैंडिक' },

{ code: 'sq', en\_name: 'Albanian', hi\_name: 'अल्बानियाई' },

{ code: 'bs', en\_name: 'Bosnian', hi\_name: 'बोस्नियाई' },

{ code: 'mk', en\_name: 'Macedonian', hi\_name: 'मेसिडोनियन' },

{ code: 'sr', en\_name: 'Serbian', hi\_name: 'सर्बियाई' },

{ code: 'eu', en\_name: 'Basque', hi\_name: 'बास्क' },

{ code: 'ca', en\_name: 'Catalan', hi\_name: 'कैटलन' },

{ code: 'cy', en\_name: 'Welsh', hi\_name: 'वेल्श' },

{ code: 'gd', en\_name: 'Scots Gaelic', hi\_name: 'स्कॉटिश गेलिक' },

{ code: 'fy', en\_name: 'Frisian', hi\_name: 'फ्रिशियन' },

{ code: 'lb', en\_name: 'Luxembourgish', hi\_name: 'लक्ज़मबर्गिश' },

{ code: 'yi', en\_name: 'Yiddish', hi\_name: 'येहुदी' },

// Indian Languages (22 Official Languages)

{ code: 'hi', en\_name: 'Hindi', hi\_name: 'हिंदी' },

{ code: 'bn', en\_name: 'Bengali', hi\_name: 'बंगाली' },

{ code: 'mr', en\_name: 'Marathi', hi\_name: 'मराठी' },

{ code: 'te', en\_name: 'Telugu', hi\_name: 'तेलुगु' },

{ code: 'ta', en\_name: 'Tamil', hi\_name: 'तमिल' },

{ code: 'gu', en\_name: 'Gujarati', hi\_name: 'गुजराती' },

{ code: 'kn', en\_name: 'Kannada', hi\_name: 'कन्नड़' },

{ code: 'ml', en\_name: 'Malayalam', hi\_name: 'मलयालम' },

{ code: 'pa', en\_name: 'Punjabi', hi\_name: 'पंजाबी' },

{ code: 'ur', en\_name: 'Urdu', hi\_name: 'उर्दू' },

{ code: 'or', en\_name: 'Odia', hi\_name: 'ओडिया' },

{ code: 'as', en\_name: 'Assamese', hi\_name: 'असमिया' },

{ code: 'ks', en\_name: 'Kashmiri', hi\_name: 'कश्मीरी' },

{ code: 'kok', en\_name: 'Konkani', hi\_name: 'कोंकणी' },

{ code: 'mai', en\_name: 'Maithili', hi\_name: 'मैथिली' },

{ code: 'mni', en\_name: 'Manipuri', hi\_name: 'मणिपुरी' },

{ code: 'ne', en\_name: 'Nepali', hi\_name: 'नेपाली' },

{ code: 'sa', en\_name: 'Sanskrit', hi\_name: 'संस्कृत' },

{ code: 'sat', en\_name: 'Santali', hi\_name: 'संथाली' },

{ code: 'sd', en\_name: 'Sindhi', hi\_name: 'सिंधी' },

{ code: 'brx', en\_name: 'Bodo', hi\_name: 'बोडो' },

{ code: 'doi', en\_name: 'Dogri', hi\_name: 'डोगरी' },

// Other Asian Languages

{ code: 'ar', en\_name: 'Arabic', hi\_name: 'अरबी' },

{ code: 'zh-CN', en\_name: 'Chinese (Simplified)', hi\_name: 'चीनी (सरलीकृत)' },

{ code: 'zh-TW', en\_name: 'Chinese (Traditional)', hi\_name: 'चीनी (पारंपरिक)' },

{ code: 'yue', en\_name: 'Cantonese', hi\_name: 'कैंटोनीज़' },

{ code: 'ja', en\_name: 'Japanese', hi\_name: 'जापानी' },

{ code: 'ko', en\_name: 'Korean', hi\_name: 'कोरियाई' },

{ code: 'tr', en\_name: 'Turkish', hi\_name: 'तुर्की' },

{ code: 'th', en\_name: 'Thai', hi\_name: 'थाई' },

{ code: 'id', en\_name: 'Indonesian', hi\_name: 'इंडोनेशियाई' },

{ code: 'vi', en\_name: 'Vietnamese', hi\_name: 'वियतनामी' },

{ code: 'fa', en\_name: 'Persian', hi\_name: 'फ़ारसी' },

{ code: 'he', en\_name: 'Hebrew', hi\_name: 'हिब्रू' },

{ code: 'az', en\_name: 'Azerbaijani', hi\_name: 'अज़रबैजानी' },

{ code: 'ka', en\_name: 'Georgian', hi\_name: 'जॉर्जियाई' },

{ code: 'am', en\_name: 'Amharic', hi\_name: 'अम्हारिक' },

{ code: 'hy', en\_name: 'Armenian', hi\_name: 'अर्मेनियाई' },

{ code: 'lo', en\_name: 'Lao', hi\_name: 'लाओ' },

{ code: 'km', en\_name: 'Khmer', hi\_name: 'खमेर' },

{ code: 'my', en\_name: 'Myanmar (Burmese)', hi\_name: 'म्यांमार (बर्मी)' },

{ code: 'mn', en\_name: 'Mongolian', hi\_name: 'मंगोलियाई' },

{ code: 'ps', en\_name: 'Pashto', hi\_name: 'पश्तो' },

{ code: 'ug', en\_name: 'Uyghur', hi\_name: 'उइगर' },

{ code: 'uz', en\_name: 'Uzbek', hi\_name: 'उज़्बेक' },

{ code: 'tg', en\_name: 'Tajik', hi\_name: 'ताजिक' },

{ code: 'tt', en\_name: 'Tatar', hi\_name: 'तातार' },

{ code: 'ku', en\_name: 'Kurdish', hi\_name: 'कुर्दी' },

{ code: 'ky', en\_name: 'Kyrgyz', hi\_name: 'किर्गिज़' },

{ code: 'ceb', en\_name: 'Cebuano', hi\_name: 'सिबुआनो' },

{ code: 'jw', en\_name: 'Javanese', hi\_name: 'जावानीस' },

{ code: 'su', en\_name: 'Sundanese', hi\_name: 'सुंडानी' },

{ code: 'tl', en\_name: 'Tagalog (Filipino)', hi\_name: 'तगालोग (फिलिपिनो)' },

{ code: 'kk', en\_name: 'Kazakh', hi\_name: 'कज़ाख' },

{ code: 'tk', en\_name: 'Turkmen', hi\_name: 'तुर्कमेन' },

{ code: 'si', en\_name: 'Sinhala', hi\_name: 'सिंहल' },

{ code: 'dv', en\_name: 'Dhivehi', hi\_name: 'दिवेही' },

// African Languages

{ code: 'af', en\_name: 'Afrikaans', hi\_name: 'अफ्रीकी' },

{ code: 'sw', en\_name: 'Swahili', hi\_name: 'स्वाहिली' },

{ code: 'ha', en\_name: 'Hausa', hi\_name: 'हौसा' },

{ code: 'ig', en\_name: 'Igbo', hi\_name: 'इग्बो' },

{ code: 'yo', en\_name: 'Yoruba', hi\_name: 'योरूबा' },

{ code: 'zu', en\_name: 'Zulu', hi\_name: 'ज़ुलु' },

{ code: 'xh', en\_name: 'Xhosa', hi\_name: 'ज़ोसा' },

{ code: 'st', en\_name: 'Sesotho', hi\_name: 'सेसोथो' },

{ code: 'sn', en\_name: 'Shona', hi\_name: 'शोना' },

{ code: 'rw', en\_name: 'Kinyarwanda', hi\_name: 'किन्यारवांडा' },

{ code: 'ny', en\_name: 'Chichewa', hi\_name: 'चिचेवा' },

{ code: 'mg', en\_name: 'Malagasy', hi\_name: 'मालागासी' },

{ code: 'so', en\_name: 'Somali', hi\_name: 'सोमाली' },

{ code: 'om', en\_name: 'Oromo', hi\_name: 'ओरोमो' },

{ code: 'ti', en\_name: 'Tigrinya', hi\_name: 'तिग्रीन्या' },

{ code: 'lg', en\_name: 'Ganda', hi\_name: 'गांडा' },

{ code: 'ak', en\_name: 'Akan', hi\_name: 'अकान' },

{ code: 'ee', en\_name: 'Ewe', hi\_name: 'ईवे' },

{ code: 'ff', en\_name: 'Fula', hi\_name: 'फुला' },

{ code: 'ki', en\_name: 'Kikuyu', hi\_name: 'किकुयु' },

{ code: 'ln', en\_name: 'Lingala', hi\_name: 'लिंगाला' },

{ code: 'ts', en\_name: 'Tsonga', hi\_name: 'त्सोंगा' },

{ code: 've', en\_name: 'Venda', hi\_name: 'वेंडा' },

{ code: 'wo', en\_name: 'Wolof', hi\_name: 'वोलोफ' },

// Other Languages

{ code: 'eo', en\_name: 'Esperanto', hi\_name: 'एस्पेरांतो' },

{ code: 'la', en\_name: 'Latin', hi\_name: 'लैटिन' },

{ code: 'haw', en\_name: 'Hawaiian', hi\_name: 'हवाई' },

{ code: 'hmn', en\_name: 'Hmong', hi\_name: 'हमोंग' },

{ code: 'ht', en\_name: 'Haitian Creole', hi\_name: 'हैतियन क्रियोल' },

{ code: 'mi', en\_name: 'Maori', hi\_name: 'माओरी' },

{ code: 'sm', en\_name: 'Samoan', hi\_name: 'सामोई' },

{ code: 'to', en\_name: 'Tongan', hi\_name: 'टोंगन' },

{ code: 'fj', en\_name: 'Fijian', hi\_name: 'फिजियन' },

{ code: 'ty', en\_name: 'Tahitian', hi\_name: 'ताहितियन' },

{ code: 'qu', en\_name: 'Quechua', hi\_name: 'क्वेशुआ' },

{ code: 'gn', en\_name: 'Guarani', hi\_name: 'गुआरानी' },

{ code: 'dz', en\_name: 'Dzongkha', hi\_name: 'जोंगखा' },

];

// Translation mapping for static UI elements and dynamic SEO content

const translations = {

en: {

// SEO Enhanced Titles and Descriptions

pageTitle: "AI Translator: Free Online Language Translation Tool for Instant & Accurate Text Translation in 100+ Languages",

metaDescription: "Use our free online AI translator for instant text translation in 100+ languages, including Hindi, Spanish, French, German, and more. Get accurate, fast, and privacy-focused language translations for documents, websites, and everyday communication. A powerful alternative to Google Translate.",

metaKeywords: "online translator, free translation tool, AI language translator, text translation, instant language translation, accurate translation, multilingual tool, translate English to Hindi, Spanish translator, French translation, German translation, Arabic translator, Chinese translation, Russian translation, Japanese translation, Korean translation, Indian languages translation, document translator, website translation, privacy-focused translator, secure language tool, best translation tool, fast translator, reliable translator, real-time translation, language learning, travel communication, business communication, academic research translation",

headerTitle: "AI Language Translation Tool",

headerTagline: "Instantly translate text, documents, and web content between over 100 languages. Your go-to solution for accurate, fast, and secure multilingual communication.",

inputTextTitle: "Input Text for Translation",

autoDetect: "Auto Detect Language",

detectLanguage: "Detect Language",

inputPlaceholder: "Enter text to translate here, e.g., 'Hello, how are you?' or 'Namaste, kaise hain aap?'",

tooltipInput: "Our intelligent AI system automatically detects the source language of your input text. You can also manually select your preferred source language from the dropdown.",

translateTitle: "Translated Output",

listenTooltip: "Listen to the generated translated text aloud.",

copyTooltip: "Copy the translated text to your clipboard for easy pasting.",

outputPlaceholder: "Your accurate translation will appear here instantly.",

detected: "Detected Source Language:",

translateBtn: "Translate Text Now",

seoSettingsTitle: "Website SEO Optimization Settings",

pageTitleLabel: "Page Title (e.g., Free Online AI Translator | [Your Brand])",

metaDescriptionLabel: "Meta Description (150-160 chars for concise summary)",

metaKeywordsLabel: "Meta Keywords (comma-separated, e.g., AI translator, free translation)",

saveSeoBtn: "Save SEO Settings",

whyChooseUs: "Why Choose Our Advanced AI Translation Tool",

feature1Title: "Support for 100+ Global Languages",

feature1Desc: "Our powerful AI translator supports over 100 diverse global and regional languages, ensuring comprehensive linguistic coverage for your translation needs.",

feature2Title: "Instant & Accurate Translation Results",

feature2Desc: "Experience lightning-fast, real-time translations powered by cutting-edge AI algorithms, providing highly accurate linguistic conversions within seconds.",

feature3Title: "Strict Privacy & Data Security",

feature3Desc: "Your input data and translated content are never stored, logged, or shared with any third parties. We are committed to your utmost privacy and data security.",

feature4Title: "Fully Responsive & Mobile-Friendly",

feature4Desc: "Our translation tool is meticulously designed to work flawlessly across all devices – desktops, tablets, and mobile phones – ensuring a consistent and optimal user experience.",

supportedLanguagesTitle: "Supported Languages for AI Translation",

supportedLanguagesText: "Our free AI translator supports communication in over 130 global and regional languages. This includes popular languages like English, Hindi, Spanish, French, German, Arabic, Chinese, Russian, and Japanese, alongside numerous Indian languages such as Assamese, Bengali, Bodo, Dogri, Gujarati, Kannada, Kashmiri, Konkani, Maithili, Malayalam, Manipuri, Marathi, Nepali, Odia, Punjabi, Sanskrit, Santali, Sindhi, Tamil, Telugu, and Urdu. We are continuously expanding our language support to break more linguistic barriers.",

home: "Home",

aboutUs: "About Our AI Translation Tool",

privacyPolicy: "Privacy Policy",

termsOfService: "Terms of Service",

contact: "Contact Us",

allRightsReserved: "© 2023 AI Translation Tool. All rights reserved.",

googleTranslateApi: "This free online translation tool utilizes the powerful Google Translate API for accurate and efficient language conversions.",

charCount: "0/5000",

translating: "Translating...",

translationFailed: "Translation failed. Please check your internet connection or try again later.",

noTextToTranslate: "No text to translate",

copied: "Copied!",

seoSaved: "SEO settings saved!",

clear: "Clear",

seoModalTitle: "SEO Settings Saved Successfully",

seoModalMessage: "Your SEO settings have been successfully saved and applied to the page meta tags.",

seoModalOk: "OK",

apiErrorModalTitle: "Translation Error Occurred",

apiErrorModalMessage: "An error occurred during translation. Please check your internet connection or try again later. For persistent issues, contact support.",

apiErrorModalOk: "OK",

translationHistoryTitle: "Recent Translation History",

clearHistory: "Clear History",

noHistoryYet: "No translation history yet. Start translating to see your history here.",

blogTitle: "AI Translation: Blog & Use Cases",

blogDescription: "Discover how our AI translation tool can enhance your language learning journey, provide expert translation tips, and explore various practical use cases in business, travel, and academic research.",

blog1Title: "Business Translation Solutions",

blog1Desc: "Expand your global market reach and streamline international communication with our accurate business document and email translations.",

blog2Title: "Travel Communication Made Easy",

blog2Desc: "Overcome language barriers while traveling abroad. Communicate effortlessly with locals, understand signs, and navigate new cultures with our instant translator.",

blog3Title: "Academic Research Translation",

blog3Desc: "Quickly translate complex research papers, academic articles, and scientific texts to facilitate global knowledge sharing and accelerate your studies.",

viewAllArticles: "View All Translation Articles",

cookieConsentText: "We use cookies to enhance your browsing experience and provide personalized content. By continuing to visit this site, you agree to our use of cookies as described in our Privacy Policy.",

acceptCookiesBtn: "Accept Cookies & Continue",

clearHistoryConfirmTitle: "Confirm Clear Translation History",

clearHistoryConfirmMessage: "Are you absolutely sure you want to clear your entire translation history? This action cannot be undone and all saved translations will be permanently deleted.",

yes: "Yes, Clear History",

no: "No, Keep History"

},

hi: {

// SEO Enhanced Titles and Descriptions

pageTitle: "एआई ट्रांसलेटर: 100+ भाषाओं में तत्काल और सटीक टेक्स्ट अनुवाद के लिए मुफ्त ऑनलाइन भाषा अनुवाद उपकरण",

metaDescription: "हमारे मुफ्त ऑनलाइन एआई ट्रांसलेटर का उपयोग करके 100 से अधिक भाषाओं में तत्काल टेक्स्ट अनुवाद प्राप्त करें, जिसमें हिंदी, स्पेनिश, फ्रेंच, जर्मन, और बहुत कुछ शामिल है। दस्तावेज़ों, वेबसाइटों और रोजमर्रा के संचार के लिए सटीक, तेज़ और गोपनीयता-केंद्रित भाषा अनुवाद प्राप्त करें। गूगल अनुवाद का एक शक्तिशाली विकल्प।",

metaKeywords: "ऑनलाइन अनुवादक, मुफ्त अनुवाद उपकरण, एआई भाषा अनुवादक, टेक्स्ट अनुवाद, तत्काल भाषा अनुवाद, सटीक अनुवाद, बहुभाषी उपकरण, अंग्रेजी से हिंदी अनुवाद, स्पेनिश अनुवादक, फ्रेंच अनुवाद, जर्मन अनुवाद, अरबी अनुवादक, चीनी अनुवाद, रूसी अनुवाद, जापानी अनुवाद, कोरियाई अनुवाद, भारतीय भाषाओं का अनुवाद, दस्तावेज़ अनुवादक, वेबसाइट अनुवाद, गोपनीयता-केंद्रित अनुवादक, सुरक्षित भाषा उपकरण, सर्वश्रेष्ठ अनुवाद उपकरण, तेज अनुवादक, विश्वसनीय अनुवादक, वास्तविक समय अनुवाद, भाषा सीखना, यात्रा संचार, व्यापार संचार, अकादमिक अनुसंधान अनुवाद",

headerTitle: "एआई भाषा अनुवाद उपकरण",

headerTagline: "100 से अधिक भाषाओं के बीच टेक्स्ट, दस्तावेज़ और वेब सामग्री का तुरंत अनुवाद करें। सटीक, तेज़ और सुरक्षित बहुभाषी संचार के लिए आपका बेहतरीन समाधान।",

inputTextTitle: "अनुवाद के लिए इनपुट टेक्स्ट",

autoDetect: "भाषा का स्वतः पता लगाएँ",

detectLanguage: "भाषा का पता लगाएँ",

inputPlaceholder: "यहां अनुवाद करने के लिए टेक्स्ट दर्ज करें, जैसे 'नमस्ते, आप कैसे हैं?' या 'Hello, how are you?'",

tooltipInput: "हमारा बुद्धिमान एआई सिस्टम आपके इनपुट टेक्स्ट की स्रोत भाषा का स्वतः पता लगाता है। आप ड्रॉपडाउन से अपनी पसंदीदा स्रोत भाषा का मैन्युअल रूप से भी चयन कर सकते हैं।",

translateTitle: "अनुवादित आउटपुट",

listenTooltip: "जनरेट किए गए अनुवादित टेक्स्ट को जोर से सुनें।",

copyTooltip: "आसानी से पेस्ट करने के लिए अनुवादित टेक्स्ट को अपने क्लिपबोर्ड पर कॉपी करें।",

outputPlaceholder: "आपका सटीक अनुवाद यहां तुरंत दिखाई देगा।",

detected: "पता चली स्रोत भाषा:",

translateBtn: "अभी टेक्स्ट का अनुवाद करें",

seoSettingsTitle: "वेबसाइट एसईओ अनुकूलन सेटिंग्स",

pageTitleLabel: "पृष्ठ शीर्षक (उदाहरण: मुफ्त ऑनलाइन एआई अनुवादक | [आपका ब्रांड])",

metaDescriptionLabel: "मेटा विवरण (संक्षिप्त सारांश के लिए 150-160 वर्ण)",

metaKeywordsLabel: "मेटा कीवर्ड (अल्पविराम से अलग किए गए, जैसे एआई अनुवादक, मुफ्त अनुवाद)",

saveSeoBtn: "एसईओ सेटिंग्स सहेजें",

whyChooseUs: "हमारे उन्नत एआई अनुवाद उपकरण को क्यों चुनें",

feature1Title: "100+ वैश्विक भाषाओं के लिए समर्थन",

feature1Desc: "हमारा शक्तिशाली एआई अनुवादक 100 से अधिक विविध वैश्विक और क्षेत्रीय भाषाओं का समर्थन करता है, जो आपकी अनुवाद आवश्यकताओं के लिए व्यापक भाषाई कवरेज सुनिश्चित करता है।",

feature2Title: "तत्काल और सटीक अनुवाद परिणाम",

feature2Desc: "अत्याधुनिक एआई एल्गोरिदम द्वारा संचालित बिजली-तेज़, वास्तविक समय के अनुवादों का अनुभव करें, जो सेकंड के भीतर अत्यधिक सटीक भाषाई रूपांतरण प्रदान करते हैं।",

feature3Title: "सख्त गोपनीयता और डेटा सुरक्षा",

feature3Desc: "आपका इनपुट डेटा और अनुवादित सामग्री कभी भी संग्रहीत, लॉग इन या किसी तीसरे पक्ष के साथ साझा नहीं की जाती है। हम आपकी अत्यधिक गोपनीयता और डेटा सुरक्षा के लिए प्रतिबद्ध हैं।",

feature4Title: "पूरी तरह से प्रतिक्रियाशील और मोबाइल-अनुकूल",

feature4Desc: "हमारा अनुवाद उपकरण सभी उपकरणों - डेस्कटॉप, टैबलेट और मोबाइल फोन - पर त्रुटिहीन रूप से काम करने के लिए सावधानीपूर्वक डिज़ाइन किया गया है, जो एक सुसंगत और इष्टतम उपयोगकर्ता अनुभव सुनिश्चित करता है।",

supportedLanguagesTitle: "एआई अनुवाद के लिए समर्थित भाषाएँ",

supportedLanguagesText: "हमारा मुफ्त एआई अनुवादक 130 से अधिक वैश्विक और क्षेत्रीय भाषाओं में संचार का समर्थन करता है। इसमें अंग्रेजी, हिंदी, स्पेनिश, फ्रेंच, जर्मन, अरबी, चीनी, रूसी, और जापानी जैसी लोकप्रिय भाषाएं शामिल हैं, साथ ही असमिया, बंगाली, बोडो, डोगरी, गुजराती, कन्नड़, कश्मीरी, कोंकणी, मैथिली, मलयालम, मणिपुरी, मराठी, नेपाली, उड़िया, पंजाबी, संस्कृत, संथाली, सिंधी, तमिल, तेलुगु, और उर्दू जैसी कई भारतीय भाषाएं भी शामिल हैं। हम अधिक भाषाई बाधाओं को तोड़ने के लिए अपनी भाषा समर्थन का लगातार विस्तार कर रहे हैं।",

home: "होम",

aboutUs: "हमारे एआई अनुवाद उपकरण के बारे में",

privacyPolicy: "गोपनीयता नीति",

termsOfService: "सेवा की शर्तें",

contact: "हमसे संपर्क करें",

allRightsReserved: "© 2023 एआई अनुवाद उपकरण। सभी अधिकार सुरक्षित।",

googleTranslateApi: "यह मुफ्त ऑनलाइन अनुवाद उपकरण सटीक और कुशल भाषा रूपांतरणों के लिए शक्तिशाली Google Translate API का उपयोग करता है।",

charCount: "0/5000",

translating: "अनुवाद हो रहा है...",

translationFailed: "अनुवाद विफल रहा। कृपया बाद में पुनः प्रयास करें।",

noTextToTranslate: "अनुवाद करने के लिए कोई टेक्स्ट नहीं",

copied: "कॉपी किया गया!",

seoSaved: "एसईओ सेटिंग्स सहेजी गईं!",

clear: "साफ़ करें",

seoModalTitle: "एसईओ सेटिंग्स सफलतापूर्वक सहेजी गईं",

seoModalMessage: "आपकी एसईओ सेटिंग्स सफलतापूर्वक सहेजी गई हैं और पृष्ठ मेटा टैग्स पर लागू की गई हैं।",

seoModalOk: "ठीक है",

apiErrorModalTitle: "अनुवाद त्रुटि हुई",

apiErrorModalMessage: "अनुवाद के दौरान एक त्रुटि हुई। कृपया अपना इंटरनेट कनेक्शन जांचें या बाद में पुनः प्रयास करें। लगातार समस्याओं के लिए, सहायता से संपर्क करें।",

apiErrorModalOk: "ठीक है",

translationHistoryTitle: "हाल का अनुवाद इतिहास",

clearHistory: "इतिहास साफ़ करें",

noHistoryYet: "अभी तक कोई अनुवाद इतिहास नहीं है। अपना इतिहास यहां देखने के लिए अनुवाद करना शुरू करें।",

blogTitle: "एआई अनुवाद: ब्लॉग और उपयोग के मामले",

blogDescription: "जानें कि हमारा एआई अनुवाद उपकरण आपकी भाषा सीखने की यात्रा को कैसे बढ़ा सकता है, विशेषज्ञ अनुवाद युक्तियाँ प्रदान कर सकता है, और व्यापार, यात्रा और अकादमिक अनुसंधान में विभिन्न व्यावहारिक उपयोग के मामलों का पता लगा सकता है।",

blog1Title: "व्यापार अनुवाद समाधान",

blog1Desc: "हमारे सटीक व्यावसायिक दस्तावेज़ और ईमेल अनुवादों के साथ अपनी वैश्विक बाजार पहुंच का विस्तार करें और अंतरराष्ट्रीय संचार को सुव्यवस्थित करें।",

blog2Title: "यात्रा संचार आसान हुआ",

blog2Desc: "विदेश यात्रा करते समय भाषा की बाधाओं को दूर करें। हमारे तत्काल अनुवादक के साथ स्थानीय लोगों के साथ सहजता से संवाद करें, संकेतों को समझें, और नई संस्कृतियों को नेविगेट करें।",

blog3Title: "अकादमिक अनुसंधान अनुवाद",

blog3Desc: "वैश्विक ज्ञान साझाकरण को सुविधाजनक बनाने और अपने अध्ययनों को गति देने के लिए जटिल शोध पत्रों, अकादमिक लेखों और वैज्ञानिक ग्रंथों का तुरंत अनुवाद करें।",

viewAllArticles: "सभी अनुवाद लेख देखें",

cookieConsentText: "हम आपके ब्राउज़िंग अनुभव को बेहतर बनाने और व्यक्तिगत सामग्री प्रदान करने के लिए कुकीज़ का उपयोग करते हैं। इस साइट पर जाकर, आप हमारी गोपनीयता नीति में वर्णित अनुसार कुकीज़ के हमारे उपयोग से सहमत हैं।",

acceptCookiesBtn: "कुकीज़ स्वीकार करें और जारी रखें",

clearHistoryConfirmTitle: "अनुवाद इतिहास साफ़ करने की पुष्टि करें",

clearHistoryConfirmMessage: "क्या आप वाकई अपना पूरा अनुवाद इतिहास साफ़ करना चाहते हैं? यह कार्रवाई पूर्ववत नहीं की जा सकती है और सभी सहेजे गए अनुवाद स्थायी रूप से हटा दिए जाएंगे।",

yes: "हाँ, इतिहास साफ़ करें",

no: "नहीं, इतिहास रखें"

}

};

let currentLang = 'en'; // Default language is English

// Utility function to show a custom toast message

function showToast(message, type = 'info', duration = 3000) {

const toastContainer = document.getElementById('toast-container');

const toast = document.createElement('div');

toast.classList.add('toast');

toast.textContent = message;

if (type === 'success') {

toast.classList.add('success');

} else if (type === 'error') {

toast.classList.add('error');

} else if (type === 'info') {

toast.classList.add('info');

}

toastContainer.appendChild(toast);

// Show toast

setTimeout(() => {

toast.classList.add('show');

}, 10);

// Hide and remove toast

setTimeout(() => {

toast.classList.remove('show');

// Use transitionend event to remove element after animation completes

toast.addEventListener('transitionend', () => toast.remove(), { once: true });

}, duration);

}

// Utility function to show a custom modal

function showModal(modalId) {

const modal = document.getElementById(modalId);

if (modal) {

modal.style.display = 'flex';

// Focus trapping for accessibility

const focusableElements = modal.querySelectorAll('button, [href], input, select, textarea, [tabindex]:not([tabindex="-1"])');

const firstFocusableElement = focusableElements[0];

const lastFocusableElement = focusableElements[focusableElements.length - 1];

const trapTabKey = (e) => {

if (e.key === 'Tab') {

if (e.shiftKey) { // Shift + Tab

if (document.activeElement === firstFocusableElement) {

lastFocusableElement.focus();

e.preventDefault();

}

} else { // Tab

if (document.activeElement === lastFocusableElement) {

firstFocusableElement.focus();

e.preventDefault();

}

}

}

if (e.key === 'Escape') {

hideModal(modalId);

}

};

modal.addEventListener('keydown', trapTabKey);

modal.dataset.trapListener = trapTabKey; // Store listener for removal

if (firstFocusableElement) {

firstFocusableElement.focus();

}

}

}

// Utility function to hide a custom modal

function hideModal(modalId) {

const modal = document.getElementById(modalId);

if (modal) {

modal.style.display = 'none';

// Remove focus trap listener

if (modal.dataset.trapListener) {

modal.removeEventListener('keydown', modal.dataset.trapListener);

delete modal.dataset.trapListener;

}

}

}

// Function to update UI text based on current language and dynamic SEO content

function updateUIText() {

// Update the `lang` attribute of the `<html>` tag for better SEO and accessibility

document.documentElement.lang = currentLang;

// Update all elements with data-translate attribute

document.querySelectorAll('[data-translate]').forEach(element => {

const key = element.getAttribute('data-translate');

if (translations[currentLang] && translations[currentLang][key]) {

element.textContent = translations[currentLang][key];

}

});

// Update placeholders

document.querySelectorAll('[data-translate-placeholder]').forEach(element => {

const key = element.getAttribute('data-translate-placeholder');

if (translations[currentLang] && translations[currentLang][key]) {

element.placeholder = translations[currentLang][key];

}

});

// Update document title directly

const currentTitle = localStorage.getItem(`seoPageTitle\_${currentLang}`) || translations[currentLang].pageTitle;

document.title = currentTitle;

// Update SEO meta tags dynamically

const metaDescriptionTag = document.querySelector('meta[name="description"]');

const metaKeywordsTag = document.querySelector('meta[name="keywords"]');

const ogTitleTag = document.querySelector('meta[property="og:title"]');

const ogDescriptionTag = document.querySelector('meta[property="og:description"]');

const twitterTitleTag = document.querySelector('meta[name="twitter:title"]');

const twitterDescriptionTag = document.querySelector('meta[name="twitter:description"]');

const currentMetaDescription = localStorage.getItem(`seoMetaDescription\_${currentLang}`) || translations[currentLang].metaDescription;

const currentMetaKeywords = localStorage.getItem(`seoMetaKeywords\_${currentLang}`) || translations[currentLang].metaKeywords;

if (metaDescriptionTag) metaDescriptionTag.setAttribute('content', currentMetaDescription);

if (metaKeywordsTag) metaKeywordsTag.setAttribute('content', currentMetaKeywords);

if (ogTitleTag) ogTitleTag.setAttribute('content', currentTitle);

if (ogDescriptionTag) ogDescriptionTag.setAttribute('content', currentMetaDescription);

if (twitterTitleTag) twitterTitleTag.setAttribute('content', currentTitle);

if (twitterDescriptionTag) twitterDescriptionTag.setAttribute('content', currentMetaDescription);

// Update SEO input values in the form

document.getElementById('pageTitleInput').value = currentTitle;

document.getElementById('metaDescriptionInput').value = currentMetaDescription;

document.getElementById('metaKeywordsInput').value = currentMetaKeywords;

// Update the canonical link tag if a base URL is defined (important for SEO)

const canonicalLink = document.querySelector('link[rel="canonical"]');

if (canonicalLink) {

// Replace 'https://yourdomain.com/ai-translator' with your actual base URL

const baseUrl = "https://yourdomain.com/ai-translator";

canonicalLink.setAttribute('href', `${baseUrl}?lang=${currentLang}`);

}

}

// Function to get language display name based on current UI language

function getLanguageDisplayName(langCode) {

const lang = languages.find(l => l.code === langCode);

if (lang) {

return currentLang === 'en' ? lang.en\_name : lang.hi\_name;

}

return langCode; // Fallback to code if name not found

}

// Populate language dropdowns

function populateLanguageDropdowns() {

const sourceLangSelect = document.getElementById('sourceLang');

const targetLangSelect = document.getElementById('targetLang');

// Preserve current selected values before clearing options

const currentSourceLangValue = sourceLangSelect.value;

const currentTargetLangValue = targetLangSelect.value;

// Clear existing options

sourceLangSelect.innerHTML = '';

targetLangSelect.innerHTML = '';

// Add 'Detect Language' option for source dropdown

const autoDetectOption = document.createElement('option');

autoDetectOption.value = 'auto';

autoDetectOption.textContent = getLanguageDisplayName('auto');

sourceLangSelect.appendChild(autoDetectOption);

languages.filter(lang => lang.code !== 'auto').forEach(lang => {

// For source language dropdown (add all except 'auto' which is handled above)

const sourceOption = document.createElement('option');

sourceOption.value = lang.code;

sourceOption.textContent = getLanguageDisplayName(lang.code);

sourceLangSelect.appendChild(sourceOption);

// For target language dropdown

const targetOption = document.createElement('option');

targetOption.value = lang.code;

targetOption.textContent = getLanguageDisplayName(lang.code);

targetLangSelect.appendChild(targetOption);

});

// Restore previously selected source language or set default

if (Array.from(sourceLangSelect.options).some(option => option.value === currentSourceLangValue)) {

sourceLangSelect.value = currentSourceLangValue;

} else {

sourceLangSelect.value = 'auto'; // Default if previous is not found

}

// Restore previously selected target language or set default

if (Array.from(targetLangSelect.options).some(option => option.value === currentTargetLangValue)) {

targetLangSelect.value = currentTargetLangValue;

} else {

targetLangSelect.value = 'hi'; // Default if previous is not found

}

}

// Character counter for text areas

function setupCharacterCounters() {

const inputText = document.getElementById('inputText');

const outputText = document.getElementById('outputText');

const inputCount = inputText.parentElement.querySelector('.char-count');

const outputCount = outputText.parentElement.querySelector('.char-count');

const updateInputCharCount = () => {

const length = inputText.value.length;

inputCount.textContent = `${length}/5000`;

inputCount.style.color = length > 5000 ? 'var(--danger)' : 'var(--gray)';

};

const updateOutputCharCount = () => {

const length = outputText.value.length;

outputCount.textContent = `${length}/5000`;

outputCount.style.color = length > 5000 ? 'var(--danger)' : 'var(--gray)';

};

inputText.addEventListener('input', updateInputCharCount);

// Expose to global scope for use after translation

window.updateOutputCharCount = updateOutputCharCount;

updateInputCharCount(); // Initial count

updateOutputCharCount(); // Initial count

}

// Debounce utility function to limit how often a function is called

function debounce(func, delay) {

let timeout;

return function(...args) {

const context = this;

clearTimeout(timeout);

timeout = setTimeout(() => func.apply(context, args), delay);

};

}

// Debounced version of translateText

const debouncedTranslateText = debounce(translateText, 500); // Debounce by 500ms

// Perform translation using Google Translate API

async function translateText() {

const inputText = document.getElementById('inputText').value;

const sourceLang = document.getElementById('sourceLang').value;

const targetLang = document.getElementById('targetLang').value;

const outputText = document.getElementById('outputText');

const detectionResultSpan = document.getElementById('detectionResult');

const translateBtn = document.getElementById('translateBtn');

if (!inputText.trim()) {

outputText.value = '';

detectionResultSpan.innerHTML = `<span data-translate="detected">${translations[currentLang].detected}</span> ${translations[currentLang].noTextToTranslate}`;

showToast(translations[currentLang].noTextToTranslate, 'info');

return;

}

outputText.value = translations[currentLang].translating;

translateBtn.innerHTML = `<i class="fas fa-spinner fa-spin" aria-hidden="true"></i> <span data-translate="translating">${translations[currentLang].translating}</span>`;

translateBtn.disabled = true;

const detectLang = sourceLang === 'auto';

// IMPORTANT: This Google Translate API endpoint is unofficial and undocumented.

// For production-grade applications, use the official Google Cloud Translation API

// with proper authentication via a secure backend. Exposing API keys directly

// in client-side code is a security risk.

const apiUrl = `https://translate.googleapis.com/translate\_a/single?client=gtx&sl=${detectLang ? 'auto' : sourceLang}&tl=${targetLang}&dt=t&q=${encodeURIComponent(inputText)}`;

try {

const response = await fetch(apiUrl);

if (!response.ok) {

throw new Error(`HTTP error! status: ${response.status}`);

}

const data = await response.json();

let translatedText = '';

if (data && data[0] && Array.isArray(data[0])) {

data[0].forEach(item => {

if (item && item[0]) {

translatedText += item[0];

}

});

}

outputText.value = translatedText;

window.updateOutputCharCount(); // Update character count for output

if (detectLang && data[2]) {

const detectedSourceLangCode = data[2];

detectionResultSpan.innerHTML = `<span data-translate="detected">${translations[currentLang].detected}</span> ${getLanguageDisplayName(detectedSourceLangCode)}`;

} else {

detectionResultSpan.innerHTML = ''; // Clear detection if not auto

}

// Add to translation history and show success toast

addToHistory(inputText, translatedText, detectLang ? data[2] : sourceLang, targetLang);

showToast("Translation completed!", 'success'); // Specific success toast for translation

} catch (error) {

console.error('Translation error:', error);

outputText.value = translations[currentLang].translationFailed;

detectionResultSpan.innerHTML = '';

showModal('apiErrorModal'); // Show custom error modal on API failure

} finally {

translateBtn.innerHTML = `<i class="fas fa-exchange-alt" aria-hidden="true"></i> <span data-translate="translateBtn">${translations[currentLang].translateBtn}</span>`;

translateBtn.disabled = false;

}

}

// Copy to clipboard functionality

function copyToClipboard() {

const outputText = document.getElementById('outputText');

if (outputText.value.trim() === '') {

showToast(translations[currentLang].noTextToTranslate, 'info');

return;

}

outputText.select();

// For older browsers or environments where navigator.clipboard might not work in iframes

try {

document.execCommand('copy');

showToast(translations[currentLang].copied, 'success');

} catch (err) {

console.error('Failed to copy text: ', err);

showToast("Failed to copy!", 'error');

}

}

// Text to speech functionality

function speakText() {

const outputText = document.getElementById('outputText').value;

const targetLang = document.getElementById('targetLang').value;

if (outputText.trim() === '') {

showToast(translations[currentLang].noTextToTranslate, 'info');

return;

}

// Check if speech synthesis is supported

if ('speechSynthesis' in window) {

const utterance = new SpeechSynthesisUtterance(outputText);

utterance.lang = targetLang;

speechSynthesis.speak(utterance);

} else {

showToast("Text-to-speech not supported in this browser.", 'error');

}

}

// Clear Input and Output Textareas

function clearAllText() {

document.getElementById('inputText').value = '';

document.getElementById('outputText').value = '';

setupCharacterCounters(); // Reset character counts

document.getElementById('detectionResult').innerHTML = `<span data-translate="detected">${translations[currentLang].detected}</span> ${getLanguageDisplayName('en')}`; // Reset detection message

document.getElementById('inputText').focus(); // Return focus for accessibility

showToast(translations[currentLang].clear + "!", 'info');

}

// Swap Source and Target Languages

function swapLanguages() {

const sourceLangSelect = document.getElementById('sourceLang');

const targetLangSelect = document.getElementById('targetLang');

const inputText = document.getElementById('inputText');

const outputText = document.getElementById('outputText');

let tempSourceLangValue = sourceLangSelect.value;

let tempTargetLangValue = targetLangSelect.value;

const tempInputText = inputText.value;

const tempOutputText = outputText.value;

// Special handling if source was 'auto'

if (tempSourceLangValue === 'auto') {

// If original source was auto-detect, set it to the old target language.

// And set the new target language to English as a sensible default.

sourceLangSelect.value = tempTargetLangValue;

targetLangSelect.value = languages.find(l => l.code === 'en') ? 'en' : 'hi';

} else {

// Normal swap if source was a specific language

sourceLangSelect.value = tempTargetLangValue;

targetLangSelect.value = tempSourceLangValue;

}

inputText.value = tempOutputText;

outputText.value = tempInputText;

// Trigger translation after swap

translateText();

showToast("Languages swapped!", 'info');

}

// Function to save SEO settings to localStorage

function saveSeoSettings() {

const pageTitle = document.getElementById('pageTitleInput').value;

const metaDescription = document.getElementById('metaDescriptionInput').value;

const metaKeywords = document.getElementById('metaKeywordsInput').value;

// Save to localStorage specific to the current language

localStorage.setItem(`seoPageTitle\_${currentLang}`, pageTitle);

localStorage.setItem(`seoMetaDescription\_${currentLang}`, metaDescription);

localStorage.setItem(`seoMetaKeywords\_${currentLang}`, metaKeywords);

// Update the actual meta tags in the document head immediately

document.title = pageTitle;

document.querySelector('meta[name="description"]').setAttribute('content', metaDescription);

document.querySelector('meta[name="keywords"]').setAttribute('content', metaKeywords);

// Also update Open Graph and Twitter card tags

document.querySelector('meta[property="og:title"]').setAttribute('content', pageTitle);

document.querySelector('meta[property="og:description"]').setAttribute('content', metaDescription);

document.querySelector('meta[name="twitter:title"]').setAttribute('content', pageTitle);

document.querySelector('meta[name="twitter:description"]').setAttribute('content', metaDescription);

showModal('seoSaveModal'); // Show success modal

}

// Function to load SEO settings from localStorage

function loadSeoSettings() {

// Load values from localStorage, fallback to translations object defaults

document.getElementById('pageTitleInput').value = localStorage.getItem(`seoPageTitle\_${currentLang}`) || translations[currentLang].pageTitle;

document.getElementById('metaDescriptionInput').value = localStorage.getItem(`seoMetaDescription\_${currentLang}`) || translations[currentLang].metaDescription;

document.getElementById('metaKeywordsInput').value = localStorage.getItem(`seoMetaKeywords\_${currentLang}`) || translations[currentLang].metaKeywords;

}

// --- Translation History System ---

let translationHistory = [];

const HISTORY\_KEY = 'translationHistory';

const MAX\_HISTORY\_ITEMS = 10; // Limit history to keep it manageable

function loadHistory() {

try {

const historyString = localStorage.getItem(HISTORY\_KEY);

translationHistory = historyString ? JSON.parse(historyString) : [];

} catch (e) {

console.error("Error parsing translation history from localStorage:", e);

translationHistory = []; // Reset if data is corrupt

}

renderHistory();

}

function saveHistory() {

try {

localStorage.setItem(HISTORY\_KEY, JSON.stringify(translationHistory));

} catch (e) {

console.error("Error saving translation history to localStorage:", e);

}

}

function addToHistory(inputText, translatedText, sourceLangCode, targetLangCode) {

if (!inputText.trim() || !translatedText.trim()) {

return; // Don't save empty translations

}

// Ensure language names are in the current UI language for history display

const sourceLangDisplay = getLanguageDisplayName(sourceLangCode);

const targetLangDisplay = getLanguageDisplayName(targetLangCode);

const newItem = {

id: Date.now(), // Unique ID for each entry

inputText: inputText,

translatedText: translatedText,

sourceLangCode: sourceLangCode, // Keep codes for re-translation

targetLangCode: targetLangCode,

sourceLangDisplay: sourceLangDisplay, // For display in current UI language

targetLangDisplay: targetLangDisplay,

timestamp: new Date().toISOString()

};

translationHistory.unshift(newItem); // Add to the beginning (latest first)

if (translationHistory.length > MAX\_HISTORY\_ITEMS) {

translationHistory = translationHistory.slice(0, MAX\_HISTORY\_ITEMS); // Keep only the latest N items

}

saveHistory();

renderHistory();

}

function renderHistory() {

const historyList = document.getElementById('historyList');

historyList.innerHTML = ''; // Clear current list

if (translationHistory.length === 0) {

const noHistoryItem = document.createElement('li');

noHistoryItem.textContent = translations[currentLang].noHistoryYet;

historyList.appendChild(noHistoryItem);

return;

}

translationHistory.forEach(item => {

const listItem = document.createElement('li');

listItem.classList.add('history-item');

listItem.setAttribute('role', 'button');

listItem.setAttribute('tabindex', '0'); // Make focusable for keyboard navigation

listItem.setAttribute('aria-label', `${translations[currentLang].translateBtn}: "${item.inputText.substring(0, 50)}..." from ${getLanguageDisplayName(item.sourceLangCode)} to ${getLanguageDisplayName(item.targetLangCode)}`);

const langsSpan = document.createElement('span');

langsSpan.classList.add('history-item-langs');

// Display language names in the current UI language

langsSpan.textContent = `${getLanguageDisplayName(item.sourceLangCode)} → ${getLanguageDisplayName(item.targetLangCode)}`;

const inputSpan = document.createElement('p');

inputSpan.classList.add('history-item-text');

inputSpan.textContent = item.inputText.substring(0, 70) + (item.inputText.length > 70 ? '...' : ''); // Show snippet

const outputSpan = document.createElement('p');

outputSpan.classList.add('history-item-text');

outputSpan.textContent = item.translatedText.substring(0, 70) + (item.translatedText.length > 70 ? '...' : '');

listItem.appendChild(langsSpan);

listItem.appendChild(inputSpan);

listItem.appendChild(outputSpan);

// Click listener to re-populate text areas and re-translate

listItem.addEventListener('click', () => {

document.getElementById('inputText').value = item.inputText;

document.getElementById('sourceLang').value = item.sourceLangCode;

document.getElementById('targetLang').value = item.targetLangCode;

translateText();

showToast(`Re-translating from history!`, 'info');

});

// Keyboard accessibility for history items

listItem.addEventListener('keydown', (e) => {

if (e.key === 'Enter' || e.key === ' ') { // Enter or Space key activates

e.preventDefault(); // Prevent scrolling on space

listItem.click();

}

});

historyList.appendChild(listItem);

});

}

// Function to initiate clearing history with confirmation modal

function confirmClearHistory() {

showModal('clearHistoryConfirmModal');

}

// Actual clear history function called after confirmation

function performClearHistory() {

translationHistory = [];

saveHistory();

renderHistory();

hideModal('clearHistoryConfirmModal'); // Hide modal after clearing

showToast(translations[currentLang].clearHistory + "!", 'info');

}

// Function to load external Google AdSense script only after user consent

function loadGoogleAdsense() {

const adContainer = document.querySelector('.MainAdverTiseMentDiv');

const AD\_CLIENT\_ID\_PLACEHOLDER = 'ca-pub-YOUR\_ADSENSE\_ID'; // Placeholder client ID

const AD\_SLOT\_ID\_PLACEHOLDER = 'YOUR\_AD\_SLOT\_ID'; // Placeholder ad slot ID

// Retrieve actual IDs from the data attributes (if set by user in HTML)

const adClientId = adContainer.getAttribute('data-ad-client') || AD\_CLIENT\_ID\_PLACEHOLDER;

const adSlotId = adContainer.getAttribute('data-ad-slot') || AD\_SLOT\_ID\_PLACEHOLDER;

// Check if AdSense script is already there to prevent duplicates

if (!document.querySelector('script[src\*="pagead2.googlesyndication.com"]')) {

if (adClientId === AD\_CLIENT\_ID\_PLACEHOLDER || adSlotId === AD\_SLOT\_ID\_PLACEHOLDER) {

console.warn("Google AdSense IDs are still placeholders. Please replace 'ca-pub-YOUR\_ADSENSE\_ID' and 'YOUR\_AD\_SLOT\_ID' with your actual AdSense Publisher ID and Ad Slot ID in the HTML and JavaScript to enable ads.");

return; // Do not load the script if IDs are placeholders

}

const script = document.createElement('script');

script.async = true;

script.src = `https://pagead2.googlesyndication.com/pagead/js/adsbygoogle.js?client=${adClientId}`;

script.crossOrigin = "anonymous";

document.head.appendChild(script);

// Create an ins element for the ad unit

const ins = document.createElement('ins');

ins.classList.add('adsbygoogle');

ins.style.display = 'block';

ins.setAttribute('data-ad-client', adClientId);

ins.setAttribute('data-ad-slot', adSlotId);

// ins.setAttribute('data-ad-format', 'auto'); // Optional: for responsive ads

// ins.setAttribute('data-full-width-responsive', 'true'); // Optional: for responsive ads

adContainer.appendChild(ins);

// Push ad to array for rendering

(window.adsbygoogle = window.adsbygoogle || []).push({});

console.log("Google AdSense script loaded and ad unit added.");

}

}

// Function to manage cookie consent

function checkCookieConsent() {

const consentGiven = localStorage.getItem('cookieConsent');

const consentBanner = document.getElementById('consentBanner');

if (consentGiven === 'true') {

consentBanner.style.display = 'none';

loadGoogleAdsense(); // Load ads if consent already given

} else {

consentBanner.style.display = 'flex'; // Show banner

document.getElementById('acceptCookiesBtn').addEventListener('click', () => {

localStorage.setItem('cookieConsent', 'true');

consentBanner.style.display = 'none';

loadGoogleAdsense(); // Load ads after consent

showToast(translations[currentLang].acceptCookiesBtn + "!", 'info');

});

}

}

// --- DOMContentLoaded Event Listener (completed and bound) ---

document.addEventListener('DOMContentLoaded', () => {

// Initial setup

currentLang = 'en'; // Start with English

document.getElementById('lang-en').classList.add('active'); // Set active class for default language

populateLanguageDropdowns(); // Populate language selectors

updateUIText(); // Update all UI elements and meta tags based on initial language

setupCharacterCounters(); // Initialize character counters

loadSeoSettings(); // Load saved SEO settings from localStorage

loadHistory(); // Load translation history from localStorage

// Initial translation for default text if any (e.g., if placeholder exists)

// This will also trigger initial char count for output.

translateText();

// Language Toggle Buttons Event Listeners

document.getElementById('lang-en').addEventListener('click', () => {

currentLang = 'en';

document.getElementById('lang-en').classList.add('active');

document.getElementById('lang-hi').classList.remove('active');

populateLanguageDropdowns();

updateUIText();

loadSeoSettings(); // Reload SEO settings for the new language

renderHistory(); // Re-render history with current language names

translateText(); // Re-translate current text based on new language settings

});

document.getElementById('lang-hi').addEventListener('click', () => {

currentLang = 'hi';

document.getElementById('lang-hi').classList.add('active');

document.getElementById('lang-en').classList.remove('active');

populateLanguageDropdowns();

updateUIText();

loadSeoSettings(); // Reload SEO settings for the new language

renderHistory(); // Re-render history with current language names

translateText(); // Re-translate current text based on new language settings

});

// Core Translator Button Event Listeners

document.getElementById('translateBtn').addEventListener('click', translateText);

document.getElementById('copyBtn').addEventListener('click', copyToClipboard);

document.getElementById('speakBtn').addEventListener('click', speakText);

document.getElementById('clearInputBtn').addEventListener('click', clearAllText);

document.getElementById('swapLangBtn').addEventListener('click', swapLanguages);

// SEO Settings Section Event Listeners

document.querySelector('.save-seo-btn').addEventListener('click', saveSeoSettings);

// Real-time update for SEO meta tags as user types

document.getElementById('pageTitleInput').addEventListener('input', updateUIText);

document.getElementById('metaDescriptionInput').addEventListener('input', updateUIText);

document.getElementById('metaKeywordsInput').addEventListener('input', updateUIText);

// Translation History Button Event Listener - Now triggers confirmation modal

document.getElementById('clearHistoryBtn').addEventListener('click', confirmClearHistory);

// Event listeners for custom modals

document.getElementById('seoModalCloseBtn').addEventListener('click', () => hideModal('seoSaveModal'));

document.getElementById('apiErrorModalCloseBtn').addEventListener('click', () => hideModal('apiErrorModal'));

// Event listeners for Clear History Confirmation Modal

document.getElementById('clearHistoryConfirmYesBtn').addEventListener('click', performClearHistory);

document.getElementById('clearHistoryConfirmNoBtn').addEventListener('click', () => hideModal('clearHistoryConfirmModal'));

// Auto-translate on input and language selection changes (now debounced)

document.getElementById('inputText').addEventListener('input', debouncedTranslateText);

document.getElementById('sourceLang').addEventListener('change', debouncedTranslateText);

document.getElementById('targetLang').addEventListener('change', debouncedTranslateText);

// Check and manage cookie consent

checkCookieConsent();

});

</script>

<!-- Advertisement Div (will be populated by AdSense script if consent given) -->

<!-- Ensure to replace data-ad-client and data-ad-slot with your actual AdSense IDs -->

<div class='MainAdverTiseMentDiv' data-ad-client="ca-pub-YOUR\_ADSENSE\_ID" data-ad-slot="YOUR\_AD\_SLOT\_ID"></div>

</body>

</html>