

Invoice Generator Documentation

Project Overview

The Invoice Generator is a simple web-based tool that allows users to input details for an invoice, preview the invoice, and export it as a PDF. It uses HTML, Tailwind CSS for responsive design, and JavaScript for dynamic form functionality and calculations. The app is deployed at <https://jessicaantony.github.io/Invoice-Generator/>.

Tech Stack

Frontend: HTML5, Tailwind CSS, JavaScript

Backend: (Optional) Node.js/Flask/Django for saving invoices (not implemented in this version)

PDF Generation: jsPDF

Features

1. User can input client and invoice details.
2. Dynamic item table allows adding/removing invoice items.
3. Auto-calculation of subtotal, tax, and total.
4. Option to upload and display a company logo on the invoice.
5. Generates a downloadable PDF of the invoice.
6. Printing option for the invoice.

Folder Structure

The project consists of the following files:

1. index.html - The HTML structure of the app
2. main.js - JavaScript file for dynamic functionality and PDF generation

Setup and Installation

No setup or installation is required as the app is already deployed online. To use the app, simply navigate to <https://jessicaantony.github.io/Invoice-Generator/>.

How to Use

1. Enter your business name, address, phone number, and GSTIN details.
2. Upload a logo (optional).
3. Input client details such as billing name and invoice date.
4. Add items to the invoice by clicking 'Add Item' and filling in particulars, quantity, and price.
5. The app will automatically calculate the subtotal, tax (GST), and grand total.
6. Click 'Generate PDF' to download the invoice as a PDF or 'Print Invoice' to print it.

Code Breakdown

HTML Structure ([index.html](#))

The HTML file provides the structure of the Invoice Generator, including sections for entering business and client details, adding items, displaying subtotals, and buttons for PDF generation and printing. The UI is styled using Tailwind CSS.

JavaScript Functionality ([main.js](#))

The JavaScript file handles dynamic functionality, including adding/removing items, updating totals automatically, and generating the PDF invoice using jsPDF. It also handles form validation to ensure all necessary fields are filled.