

Certificate Documentation

Introduction:

This document provides a clear understanding of the certificate template created by Jonathan Dabre. The certificate template is a web-based system that allows **Cloud Counselage IAC** platform to issue certificates to their course learners. This system automates the process of filling in data such as names, dates, and courses.

Prerequisites:

To work with the certificate template, you should have knowledge of HTML, CSS, Tailwind CSS, and Javascript.

Installation and Setup:

To install **Tailwind CSS**, you can choose one of the following methods:

1. Using **Tailwind Play CDN**: Visit <https://tailwindcss.com/docs/installation/play-cdn> for instructions on using the Tailwind Play CDN.

or

2. Using **Tailwind PostCSS**: Visit <https://tailwindcss.com/docs/installation/using-postcss> for instructions on using Tailwind PostCSS. Note that this method requires Node to be installed on your system.

Certificate Creation Process:

Follow the steps below to create a certificate using the template:

1. Use HTML to create the required elements in the certificate template.
2. Set the background image of the certificate as the **background part**.
3. Host the required images online, such as on Google Drive or OneDrive, and use their links to include the images in the certificate.
4. Note the dimensions of the template and background image, and set the width and height of the body element accordingly.
5. Design the main content and required fields within the **content part**.
6. Enclose the data fields that need to be filled automatically within double curly braces, for example: `{{LEARNERNAME}}`.
7. Use Tailwind classes or plain CSS to style the certificate according to the template.
8. Overlay or transform the content part over the background part.

9. Build the project for production and include the CSS as **internal CSS**.

Troubleshooting:

If you encounter any issues, refer to the following troubleshooting tips:

1. If Tailwind display-flex classes do not work on the IAC platform, set the display property to inline-block and use specific dimensions to achieve the desired result.
2. JavaScript does not work on the IAC platform, so ensure that your design is optimized for all sizes of automatically filled data fields.
3. Make sure the body width, height, and container width, height are set according to the dimensions of the background image.
4. If your webpage is designed using Tailwind Utility Classes, you can obtain the corresponding plain CSS by accessing the Developer Tools in your browser and selecting the CSS file from the sources.

Best Practices:

Consider the following best practices while working with the certificate template:

- During development, use Tailwind CSS instead of raw CSS.
- Use fixed sizes for certificate elements to prevent design issues when downloading the certificate on various devices.
- Utilize Tailwind's "Adding Custom Styles" feature to align your design with the certificate template.

Frequently Asked Questions:

1. Is Tailwind necessary?
No, Tailwind is not necessary, but it can significantly speed up the development process.
2. How do I use Tailwind PostCSS?
Refer to this video tutorial: <https://youtu.be/p0Q8SQSCoZg>
3. How can I access the plain CSS of a Tailwind-designed webpage from the Developer Tools?
Open the Developer Tools, navigate to the "Sources" tab, press `ctrl + P` to open a file, and select the CSS file. Ensure that your webpage is open in the same tab.

Glossary:

- Tailwind: A utility-based CSS framework.
- CDN: Content Delivery Network, which helps include frameworks without installation.
- Node: An open-source runtime environment.
- Internal CSS: CSS included inside the `

References:

GitHub repository: <https://github.com/JonathanDabre/cloud-counselage/tree/main/Certificate>