

Bulk Certificate Generator

Objective

The Bulk Certificate Generator is a Python-based tool designed to create multiple certificates using a single template. This tool automates the process of generating certificates for a list of participants by incorporating their names and event details into a predefined certificate template.

Technologies Used

- **Programming Language:** Python
- **Libraries:** OpenCV for image processing and text insertion.

Implementation Steps

1. **Template Preparation:** A base template is created without any names or event details.
2. **Input File:** A text file containing the list of names and details.
3. **Script Execution:** The Python script reads the template and the input file, then generates certificates by inserting names and event details into the appropriate positions on the template.
4. **Output Storage:** The generated certificates are saved in a specified folder with appropriate filenames.

Key Features

- **Template Utilization:** The tool uses a provided certificate template (as shown in the sample attached) to ensure uniformity across all generated certificates.
- **Bulk Generation:** Users can provide a list of names and event details in a text file, which the tool reads to generate individual certificates for each entry.
- **Customizable Details:** The tool inserts specific details such as participant names and event information into the template.
- **Automated Storage:** Generated certificates are automatically saved in a specified folder for easy access and distribution.

Outcome

The Bulk Certificate Generator simplifies the process of creating multiple certificates, saving time and ensuring consistency. This tool is particularly useful for events, educational institutions, and organizations that frequently issue certificates to large groups of participants.

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