CERTIFICATE VERIFICATION (Team-6)

USECASE

Implement a verification system for authenticity checks of issued certificates and IDs. Utilize Python libraries**.** Ensure a secure and tamper-proof verification process to maintain trust and credibility.

GROUP MEMBERS : Mohit, Shivam, Geethu

OBJECTIVE

The objective of this project is to develop a web application for certificate verification, which allows users to verify intern information based on certification ID or intern ID. Additionally, the application provides functionality to add new intern information and delete existing intern information.

KEY FEATURES:

➢ **Verification by Certification ID:**
 Users can enter a certification ID to verify intern information associated with that ID. If the information is found, it is displayed to the user.
➢ **Verification by Intern ID:**
 Users can input an intern ID to verify the corresponding intern information. If the information exists, it is displayed to the user.
➢ **Add Intern Information:**
 Users can add new intern information by providing details such as certification ID, intern ID, name, join date, department, and email ID. Upon adding the information, it is displayed for verification and saved in the data repository.
➢ **Delete Intern Information:**
 Users can delete existing intern information by specifying the intern ID to be deleted. After deletion, the application verifies if the information has been successfully removed from the data repository.
➢ **Download Updated CSV:**
 Users can download the updated intern data in CSV format after performing add or delete operations.

IMPLEMENTATION

- The application is developed using Streamlit, a Python library for building interactive web applications.
- Intern data is stored in an Excel file named "Intern_data.xlsx".
- The application provides a user-friendly interface with options to select different use cases, enter input parameters, and perform verification, addition, or deletion operations.
- Error handling is implemented to handle scenarios where no information is found for the provided IDs.

MEMBER'S CONTRIBUTION

- Data Collection – Shivam
- Code – Mohit, Geethu
- Code Implementation - Shivam
- Video – Mohit, Shivam
- Proposal Document – Mohit, Geethu
- Final Report – Geethu
- R&D – Mohit, Shivam, Geethu
- Debugging Errors – Mohit, Shivam, Geethu

PROJECT FOLDER LINK & SCREENSHOT OF WEBAPP

Zip_File Link

Deploy ⋮

Created by: [Team 6]

Select Use Case:

Verified by Intern Id ▼

Enter Intern ID:

MST01-0004

Show

Download Updated CSV

Certificate Verification

Verified ✔

	Name	Join date	Department	Email_ID
20	BLESSY SAJEEV	10/9/2023	Python	blessysajeev77@gmail.com

Add/Delete Intern Info ▼

Deploy ⋮

Add Intern Info

Certification ID

MST23240026

Intern ID

MST01-0006

Name

shiva

Join Date

10/08/2023

Department

Python

Email ID

shi10@gmail.com

Add

Certificate Verification

Intern information added successfully!

Verifying added intern information:

Verified ✔

	Name	Join date	Department	Email_ID
21	shiva	10/08/2023	Python	shi10@gmail.com

Deploy ⋮

shiva

Join Date

10/08/2023

Department

Python

Email ID

shi10@gmail.com

Add

Delete Intern Info

Intern ID to delete

Delete

Download Updated CSV

Certificate Verification

Download Updated CSV File

data:file/csv;base64,Q2VydGlmaWNhWNhdGlvbiBJRCAsSW50ZXJuIElElCxOYW1lLEpvaW4g4gZGF0ZSxEZXBBhcnRtZW50LEVtYWlsX0lEDQpNU1QyMzI0MDAwMSxNU1QwMy0wMDAxLEFOQVJJBTkNJUywxMC85LzIwMjIsUGF0aG9uLGFuYXJ2aC...

Join Date

10/08/2023

Department

Python

Email ID

shi10@gmail.com

Add

Delete Intern Info

Intern ID to delete

MST01-0006

Delete

Download Updated CSV

Certificate Verification

Intern information deleted successfully!

Verifying deleted intern information:

Intern information deleted successfully!