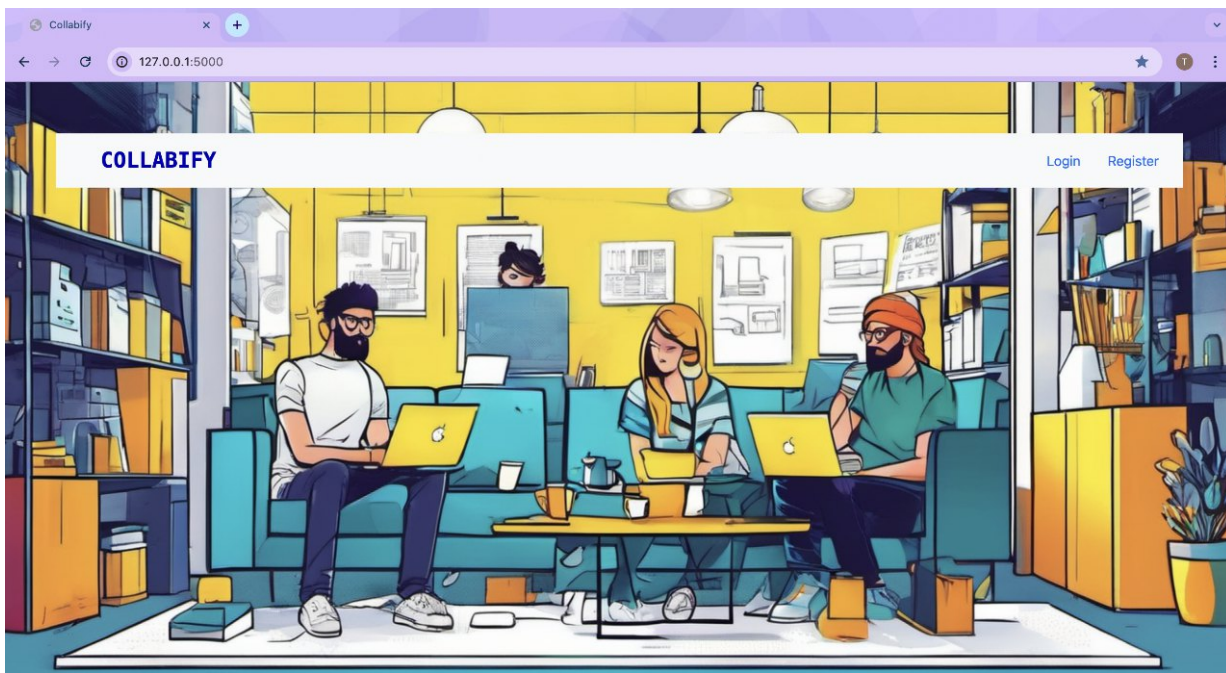


## Modern Application Development-I

# COLLABIFY

It is a platform designed to connect sponsors and influencers, enabling sponsors to advertise their products or services while providing influencers with opportunities for monetary benefit.



The image above illustrates Collabify's introduction page, showcasing an interaction between a sponsor and an influencer.

### **Project Details:**

The application allows both influencers and sponsors to register and interact with each other seamlessly.

- I. Registration: Both influencers and sponsors can create accounts on Collabify.
- II. Campaign Management: Sponsors have the ability to create and manage advertising campaigns and ad requests.
- III. Application Process: Influencers can view these campaigns, check the sponsor they were created by and apply to participate.
- IV. Approval and Payment: Once an application is approved, the sponsor pays the influencer as per the agreed terms.
- V. Administrative Oversight: An admin dashboard provides a summary of activities by sponsors and influencers. The admin has the capability to flag and remove influencers or sponsors if necessary, ensuring the integrity and proper functioning of the platform.

This approach ensures that the process of connecting, negotiating, and transacting between sponsors and influencers is efficient and transparent, effectively bridging the gap between the two parties and facilitating successful collaborations.

## File Tree Structure

```
MAD1_MAY2024
├── _pycache_
│   ├── app.cpython-311.pyc
│   ├── config.cpython-311.pyc
│   ├── models.cpython-311.pyc
│   └── routes.cpython-311.pyc
├── instance
│   └── db.sqlite3
├── static
│   └── pixlr-image-generator-66a0918ca
├── templates
│   ├── Admin
│   │   ├── home.html
│   │   ├── influencer.html
│   │   └── sponsor.html
│   ├── AdReq
│   │   ├── add.html
│   │   ├── delete.html
│   │   └── edit.html
│   ├── campaign
│   │   ├── add.html
│   │   ├── delete.html
│   │   ├── edit.html
│   │   ├── info.html
│   │   └── show.html
│   ├── influencer
│   │   ├── apply.html
│   │   ├── delete.html
│   │   ├── handover.html
│   │   ├── home.html
│   │   ├── manage.html
│   │   ├── payment.html
│   │   ├── profile.html
│   │   ├── searchbar.html
│   │   └── update.html
│   ├── sponsor
│   │   ├── delete.html
│   │   ├── home.html
│   │   ├── info.html
│   │   ├── payment.html
│   │   ├── searchbar.html
│   │   ├── update.html
│   │   └── Work.html
│   ├── flash.html
│   ├── index.html
│   ├── layout.html
│   ├── login.html
│   ├── navbar.html
│   ├── pass.html
│   ├── profile.html
│   ├── register.html
│   └── Transcript.html
├── venv
├── .env
├── .env.sample
├── app.py
├── config.py
├── model.py
├── README.md
├── requirements.txt
└── routes.py
```

## Frameworks & Libraries

- **Flask:** Backend framework for building the web application.
- **SQLAlchemy:** ORM (Object-Relational Mapping) tool for database interactions.
- **HTML/CSS/Bootstrap:** Frontend technologies used in HTML files for user interface design and dynamic content rendering.
- **Jinja:** Template engine for rendering dynamic HTML content.
- **Werkzeug:** Utility for securely managing passwords and authentication.
- **Datetime:** Python library for handling date and time operations.
- **functools:** Python standard library for higher-order functions.
- **dotenv:** Library for loading environment variables from a `.env` file
- **ChartJS:** User for creating different types of charts on the admin dashboard.

## ER Diagram

<https://drive.google.com/file/d/1IU6Or4kkuXDYenN4AQOke1WNGliLok6a/view?usp=sharing>

## Presentation Video

[https://drive.google.com/file/d/1jM8fUDdjIRXNeuOwiXeNzcnbjA6\\_zbbC/view?usp=sharing](https://drive.google.com/file/d/1jM8fUDdjIRXNeuOwiXeNzcnbjA6_zbbC/view?usp=sharing)