

MAD-1 Project Report

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IESCP Project

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This report gives an overview of system design of Influencer Engagement And Sponsor Co-ordination Platform developed using Flask Framework , SQLite Database, Flask Login manager for security.

This application is capable of accepting and rejecting request of Campaigns
This application mainly focuses on CRUD operations

Link for presentation video

https://drive.google.com/file/d/1p48aU8ghmixG_VLPn5Zm3MgqYiU24CnH/view?usp=sharing



System Components

Flask

1. Extensive use of flask to develop backend functionalities such as routes,etc
2. Handles HTTPS requests
3. Used flask login manager for Authentication of Users

Bootstrap-5

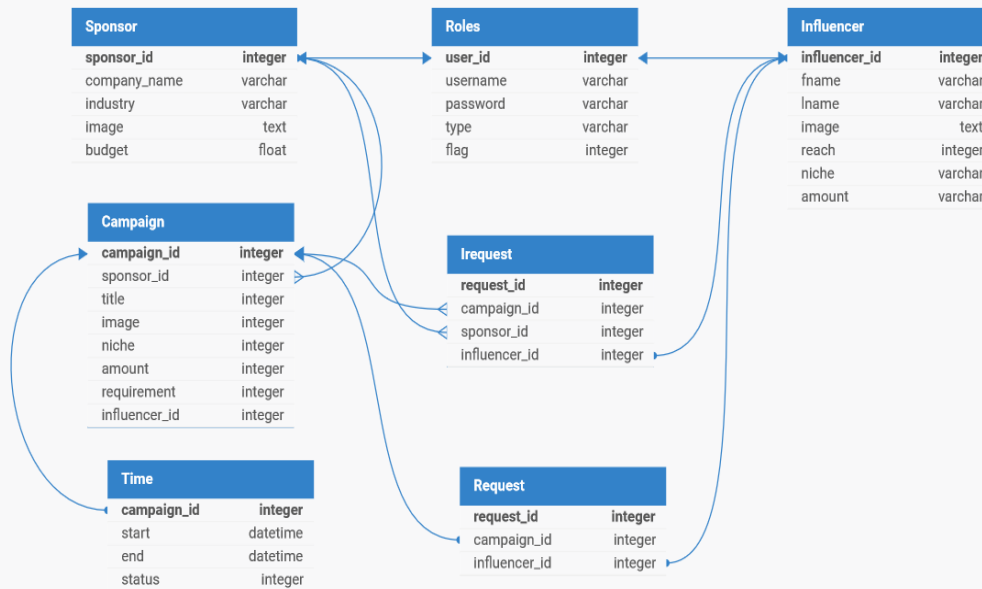
Used as frontend framework design and styling web pages

Extensive use of Bootstrap component to sped up web design and styling

Jinja2

Jinja2 + Bootstrap5 used for dynamic rendering of content and smooth interface

Used to check conditions inside html,etc



ER-DIAGRAM

SQL ALCHEMY

1. SQLALCHEMY object relation-mapping to interact with SQLite database
2. Used SQLALCHEMY to build Model for this application

Roles Table

1. Stores username, password and usertype
2. This table is used for userauthentication

Sponsor Table

1. Stores details of sponsor comapny

Influencer table

1. Stores details of influencer

Irequest Table

1. Stores details of requests received by Influencer

Campaign Table

1. Stores details of campaign
2. Stores which influencer is assigned particular campaign

Time Table

1. Stores Start and End time of Campaign
2. Stores current status of campaign

3.

Request Table

1. Stores request received by sponsor for particular campaign