

Hungerger	Version 0.1
Implementation	Date: 02/01/2024

REVISIONS			
Rev. No	Description	Date	Person
0.1	Creation of the document	02.01.2023	Tarik

Implementation

Introduction

The implementation of Hungerger consists of two applications which are:

1. Hungerger App
2. Hungerger Admin Panel

The Admin Panel is a subsystem for Hungerger App which is responsible for the management of the data within the application which is planned to have misuse reports in the future. The implementation structure of each application can be observed within this document.

Hungerger Application

The main social media application which is planned to be used by the visitors has an implementation as listed and described.

Main Folder/

- app.py: The application entrypoint for the server to be listening to requests at 127.0.0.1:5000
- requirements.txt: The python dependency file which can be installed through “pip install –r requirements.txt” command.
- hungerger.sql: The database file which is used in an SQL query to initialize the database.
- models/
 - Each model file in this directory defines the database interactions of the application.
 - modelbase/
 - Contains the base.py file which initializes the Flask app in order to create database connections.
- views/
 - Each “.html” file within this folder represents a view as a web page within MVC pattern.
- controllers/
 - Each controller in this file contains an algorithm and flow for the data according to their representation. For example, user_controller.py handles the user logic and it’s endpoints within the application.

Hungerger Admin Panel

The admin panel of Hungerger Application interacts with the system through the defined Admin User's which can also be created within this subsystem. This subsystem replicates the database with a visual representation in order to give more control and flexibility over the data for the Admins. The implementation structure of this admin panel can be described as below:

Main Folder/

- app.py: Makes the routing between the user requests and handler.py functions.
- handler.py: Eases the usage of database objects through the use of its predefined functions.
- templates/
 - Contains the .html files for the database representations.