**Digital Diary and Mood Analysis**

Welcome to the Digital Diary and Mood Analysis project! This readme file will guide you through setting up and using this application to keep a digital diary and analyse your mood over time.

**Table of Contents**

* Introduction
* Getting Started
  + Installation
  + Usage
* Features
* Contributing
* License

**Introduction**

The Digital Diary and Mood Analysis is a simple yet powerful tool designed to help you keep track of your daily thoughts, events, and emotions. It also provides insights into your mood patterns by analysing the entries you make over time.

**Getting Started**

**Installation**

1. Clone this repository to your local machine:

Github console code

git clone https://Github.com/your-username/digital-diary.git

1. Navigate to the project directory:

Github console code

cd digital-diary

1. Install the necessary dependencies:

Github console code

pip install -r requirements.txt

**Usage**

1. Start the Digital Diary application:

Github console code

python digital\_diary.py

1. Create a new account or log in if you already have one.
2. Begin adding entries to your digital diary. You can write about your day, your thoughts, events, or anything you want to remember.
3. To analyse your mood over time, go to the "Mood Analysis" section. The application will use natural language processing techniques to determine the sentiment of your entries and provide insights into your emotional trends.
4. Feel free to explore other features like tagging, searching, and organizing your diary entries.

**Features**

* **Diary Entries**: Create, edit, and delete diary entries.
* **Mood Analysis**: Get insights into your emotional patterns and trends over time.
* **Tagging**: Organize your entries by adding tags to them.
* **Search**: Easily find specific entries using the search feature.
* **Security**: Your data is securely stored, and you can protect your diary with a password.
* **Export**: Export your diary entries to a CSV or PDF format.

**Contributing**

We welcome contributions from the community! If you'd like to contribute to the project, please follow these steps:

1. Fork the repository to your Github account.
2. Create a new branch for your feature or bug fix.
3. Make your changes and commit them with clear, concise commit messages.
4. Push your changes to your fork.
5. Create a pull request to the main repository, explaining your changes and why they are valuable.

Thank you for using the Digital Diary and Mood Analysis application. We hope it helps you keep a record of your life's moments and gain insights into your emotional journey. If you have any questions or encounter any issues, please don't hesitate to reach out to us.

Happy journaling! 📖😊