

Flow GPT Documentation

Introduction

Welcome to the Flow GPT, also known as Flow Generating Pre-Trained Task manager designed to streamline and enhance the management of visitor traffic during peak hours within institutional settings. By offering administrators a user-friendly platform to generate and manage tokens efficiently, our application aims to minimize congestion, reduce wait times, and create a well-organized and orderly environment for both staff and visitors. Through real-time tracking and record-keeping, it empowers institutions to allocate resources effectively, prioritize urgent cases, and gather valuable insights into visitor patterns. Ultimately, our application seeks to elevate the visitor experience, optimize operational efficiency, and uphold the institution's reputation for professionalism and service quality.

This documentation will guide you through the features and functionalities of the application.

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1.Languages used

To create this application we have used mainly 4 languages i.e.:-

HTML: HTML is used for all the basic application layout, forms and buttons.

CSS: We have used simple CSS codes to style our HTML pages.

JavaScript: We have used JS as our programming language to make our application interactive and to validate data.

PHP: PHP is the main server side scripting language used in this application which helps to connect our database at localhost.

Github and Github desktop was used to collaboratively develop and track changes made in the application code.

Xampp was used as our local web server environment to run our application.

2.Working

First a general account can be set up by the admin to start the application. Then click on generate button this action prompts the input of crucial details like application numbers, departments, and names, subsequently generating a unique token for each applicant. This token will be reflected to the admin device which will enable them to manage the applicants and keep a record on all of them. These tokens are promptly synchronized with the admin's device, providing real-time oversight. This capability empowers administrators to manage applicants effectively, ensuring timely service based on their order of arrival. Furthermore, the application maintains comprehensive records of all applicants, simplifying historical data access and analytics. This streamlined process contributes significantly to operational efficiency while maintaining a user-friendly interface for administrators, fostering a well-organized and productive environment.

3. Advantages

Efficient Traffic Flow: The application helps institutions maintain an orderly and efficient flow of visitors, reducing congestion and wait times.

Improved Visitor Experience: Visitors benefit from a streamlined process, shorter wait times, and a more organized visit, enhancing their overall experience.

Priority Handling: Institutions can assign priorities to different visitor types to ensure that urgent cases are addressed promptly.

Real-time Tracking: Visitors can monitor their token status in real-time, reducing uncertainty and frustration.

Customizable Parameters: Administrators can customize settings, such as estimated waiting times and maximum tokens allowed, to adapt to varying traffic conditions.

Enhanced Security: The data entered to the application cannot be accessed by unauthorized personnels.

Data Insights: Institutions can gather data on visitor traffic, peak hours, and service utilization in the form of a report helping with resource allocation and decision-making.

Reduced Workload: Automating token generation and management reduces the administrative workload on staff, allowing them to focus on providing better service.

Flexibility: The application can adapt to different types of institutions, from healthcare facilities to government offices and more.

Improved Reputation: A well-organized and efficient system enhances an institution's reputation for professionalism and customer service.

Cost Savings: By optimizing resource allocation and reducing wait times, institutions may save on operational costs.

User-friendly: The user-friendly interface makes it easy for both administrators and visitors to use the application effectively.

These benefits collectively contribute to a more organized and efficient institution, resulting in a better experience for both visitors and staff.

As we move forward, we remain dedicated to enhancing the functionality and user-friendliness of our application. Your feedback and support are invaluable in this journey of continuous improvement.

Thank you for considering our Flow GPT.