



CityByte

DISCOVER YOUR NEXT ADVENTURE

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GROUP 80

INTRODUCTION

This project is designed to make exploring new places easier and more enjoyable than ever. With a fresh set of features and significant improvements, it delivers a seamless experience for travelers and adventurers alike. You can now create a personalized wish list of interesting locations, use caching for faster results, and enjoy a smoother, bug-free experience with the revamped Weather API. The new signup/login system personalizes your journey, while the comments page allows you to share and view thoughts about different places. Additionally, the project features a social media page for easy sharing and support contact information.

VALIDATION SUITE

This includes load testing for concurrent users, ensuring smooth user creation, login, logout, and profile page access. Linting and syntax checking are handled by Flake8, with code formatting by Black. Page rendering tests validate city and place photos, while weather and place information accuracy is ensured. City information pages undergo comprehensive checks for proper data and image display.

FEATURES

LOCATION INSIGHTS

Citybyte provides a detailed analysis of cities worldwide, offering real-time data on essential factors like weather, temperature, entertainment, landmarks, and educational facilities, helping users make well-informed decisions about relocating.

USER-FRIENDLY INTERFACE

With an intuitive interface, Citybyte makes it easy to navigate and compare different cities quickly, ensuring users can focus on what matters most to them when choosing their next destination.

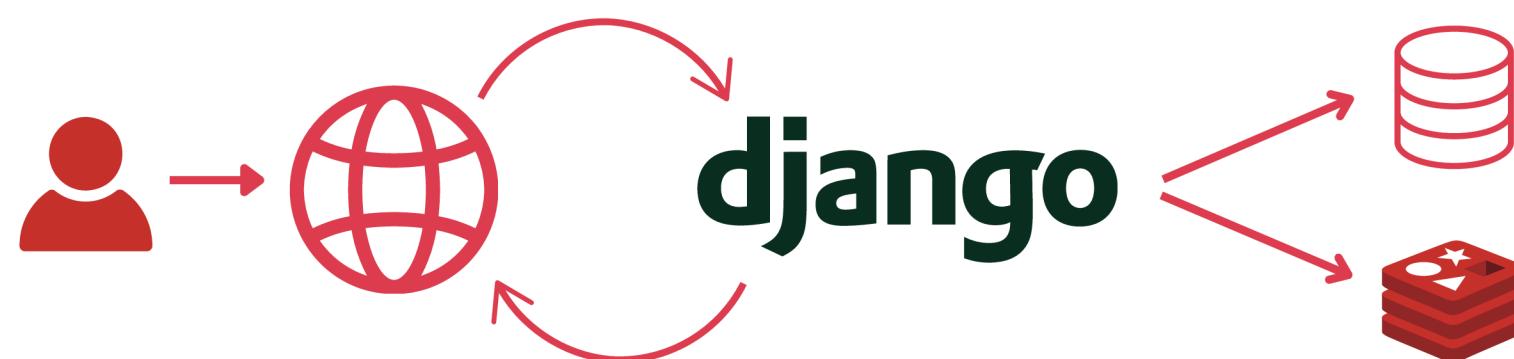
PERSONALIZED EXPERIENCE

Users can create a custom list of favorite cities and leave personal reviews or comments, allowing for a more tailored experience and building a community of real user feedback to guide others.

REAL TIME DATA INTEGRATION

Citybyte uses advanced APIs to fetch up-to-date information, ensuring that users always get the most current insights on various aspects like weather and local events, making the decision-making process smoother.

PROJECT ARCHITECTURE



New York

New York City, US
East New York, US
West New York, US

Mumbai

Temperature 28 °C
RealFeel Temperature 31.9 °C
Pressure 1013.1 mb
Wind Speed 1 m/s
Wind Direction 0 °
Cloud Coverage 25 %
Precipitation None mm/hr
UV Index 2.902653

CHANGES AND IMPROVEMENTS

CATEGORY-WISE SEARCH

Allow users to search for places based on weather or temperature preferences (e.g., hot or cold) during a specific month, making trip planning more convenient.

ITINERARY CREATION

Introduce an option for users to create personalized itineraries, rather than just listing popular places, offering a more tailored travel experience.

CURRENT HAPPENINGS IN THE CITY

Add a section that shows real-time events and activities happening in the city to help users stay updated and plan their trips accordingly.

UI ENHANCEMENTS

Improve the user interface to provide a more visually appealing and intuitive experience.

FORGOT PASSWORD OPTION

Implement a "Forgot Password" feature for users to easily recover their accounts in case they forget their login credentials.



GITHUB
REPO LINK

