

CurrencyX:

A Comprehensive Currency Converter
Solution

Problem Statement

The objective of this project is to develop a currency converter program using Python that allows users to quickly and accurately convert between different currencies.

Flow of the project

Start

User Interface

User Input

Fetch Currency
Data

Convert Currency

Display Currency

Technology Stack

- ❖ Programming Language: Python-3.10
- ❖ Frontend Framework: Tkinter
- ❖ Backend: API Integration
- ❖ API: Exchangerate
- ❖ Development Tools : IDE, Sublime
- ❖ Version Control : Git & Github

Features Of The Project

- ❖ Real-time Currency Conversion
- ❖ User-friendly Interface
- ❖ Support for Multiple Currencies
- ❖ Conversion Accuracy
- ❖ Cross-Platform Compatibility
- ❖ Lightweight and Fast
- ❖ Clear and Informative Results

Differences from Existing Converters

- The existing currency conversion solutions often lack user-friendly interfaces, real-time exchange rates, or support for a wide range of currencies.
 - This project aims to address these limitations and provide a reliable and efficient currency conversion tool.
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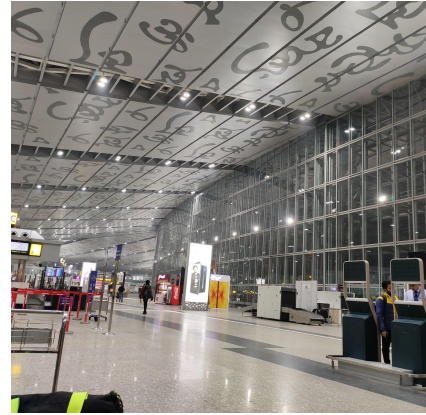
Advantages

- ❖ Ease and Convenience
- ❖ Accurate and Reliable Results
- ❖ Time and Effort Savings
- ❖ Global Currency Support
- ❖ User-Friendly Interface
- ❖ Open Source and Extensibility

Use Cases

Where we can use this?

1. International Travelers
2. E-Commerce Shoppers
3. Traders and Investors
4. International Businesses
5. Students and Researchers



Currency Converter

CurrencyX

Input Amount:

From:

USD

To:

IDR

Convert Clear

Monday, June 26, 2023 v1.0

Currency Converter

CurrencyX

Input Amount:

From:

USD

To:

INR

Convert Clear

1.0 USD = 81.88 INR

Monday, June 26, 2023 v1.0

Preview of the User Interface

Conclusion

Overall, the currency converter project is a comprehensive and versatile solution that empowers users with accurate currency conversions, historical data analysis, and a seamless user experience.

Source Code : <https://github.com/anusha6380/CurrencyX>

Thank You

- Presented By

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