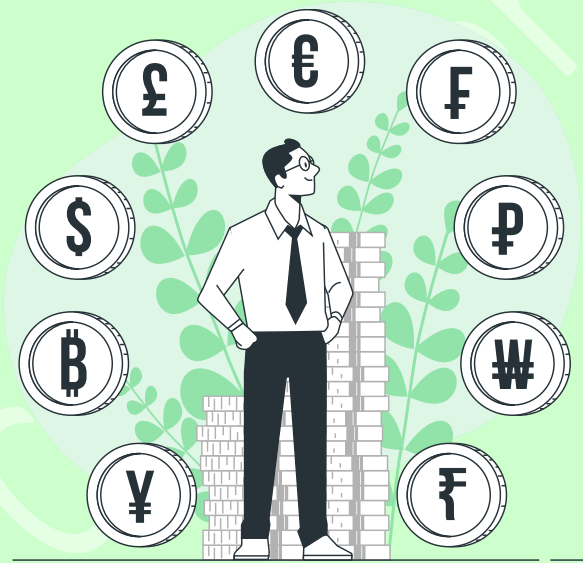


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1. Introduction
2. Project Objectives
3. Technologies Used
4. Design and Architecture
5. Implementation
6. Features
7. User Guide
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10. Future Enhancements
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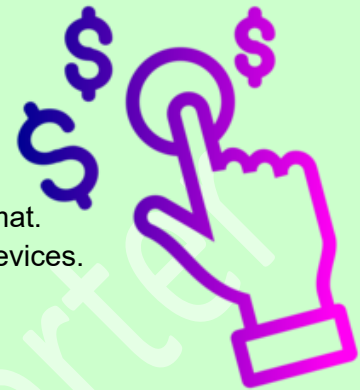
The Currency Converter is a web-based application that provides users with the ability to convert currencies in real-time. This project report outlines the development, features, and functionality of the application.

The Currency Converter is a user-friendly web application that allows users to convert one currency to another with the most up-to-date exchange rates. The project aims to provide a simple and effective tool for currency conversion on various devices.

### 3. Project Objectives

The main objectives of this project are as follows:

- To create a web-based currency conversion tool.
- To enable users to select source and target currencies.
- To fetch real-time exchange rates from an external API.
- To display the converted currency value in a user-friendly format.
- To ensure the application's responsiveness across different devices.



### 4. Technologies Used

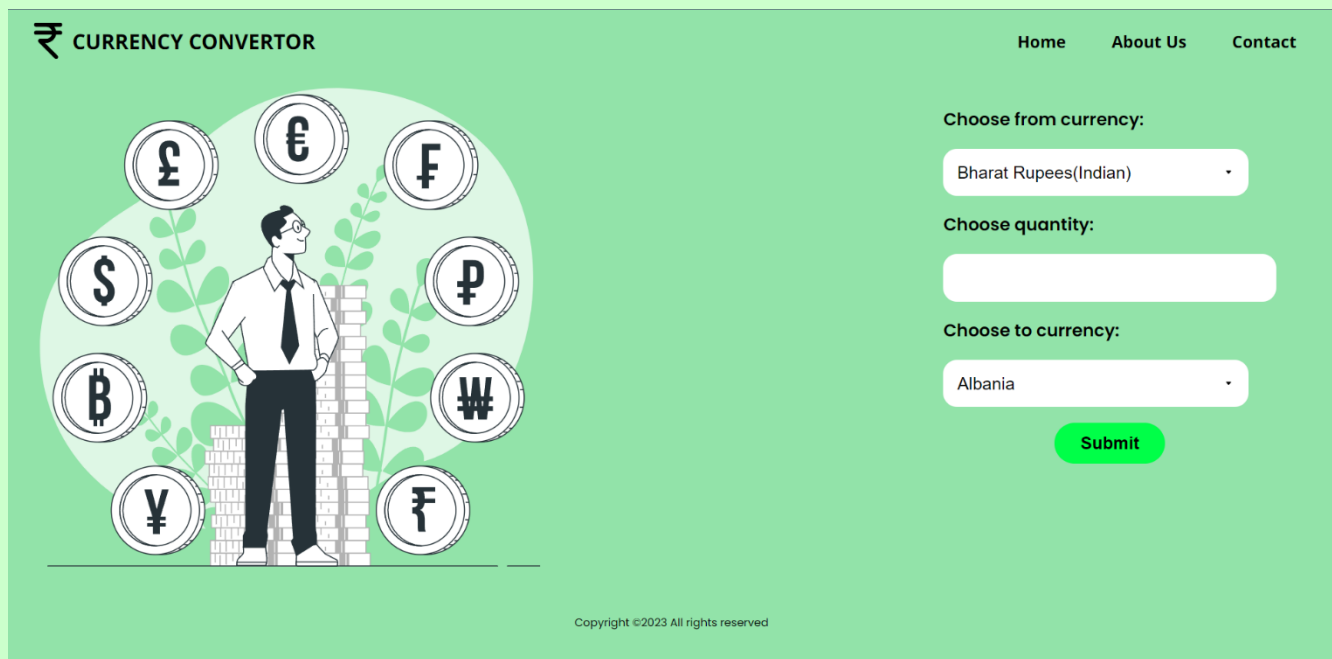
The Currency Converter project leverages the following technologies:

- HTML: For the structure and layout of the web pages.
- CSS: For styling and design.
- JavaScript: For implementing the currency conversion logic.
- External API: To fetch real-time currency exchange rates.
- DOCX: For generating this project report.



### 5. Design and Architecture

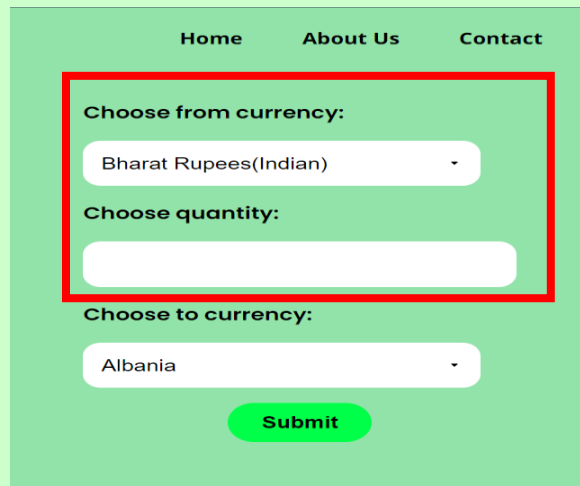
The application follows a simple and user-friendly design. It consists of an input form that allows users to select the source currency, the target currency, and input the amount they wish to convert. The design is responsive to ensure optimal performance on various screen sizes and devices.



## 8. User Guide

To use the Currency Converter:

- Visit the web page.  
URL = <http://127.0.0.1:5500/Project/Currency%20Conveter/index.html>
- Select the source currency and the target currency from the dropdown menus.



Home About Us Contact

Choose from currency:

Bharat Rupees(Indian) ▾

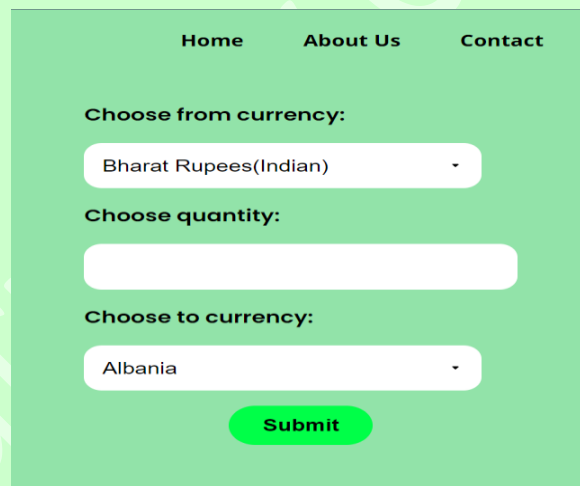
Choose quantity:

Choose to currency:

Albania ▾

Submit

- Input the amount you wish to convert.



Home About Us Contact

Choose from currency:

Bharat Rupees(Indian) ▾

Choose quantity:

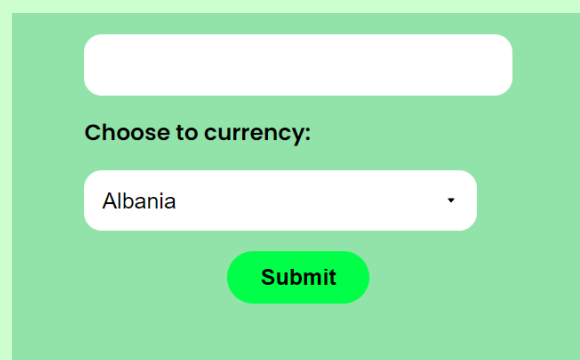
100

Choose to currency:

Albania ▾

Submit

- Click the "Submit" button.

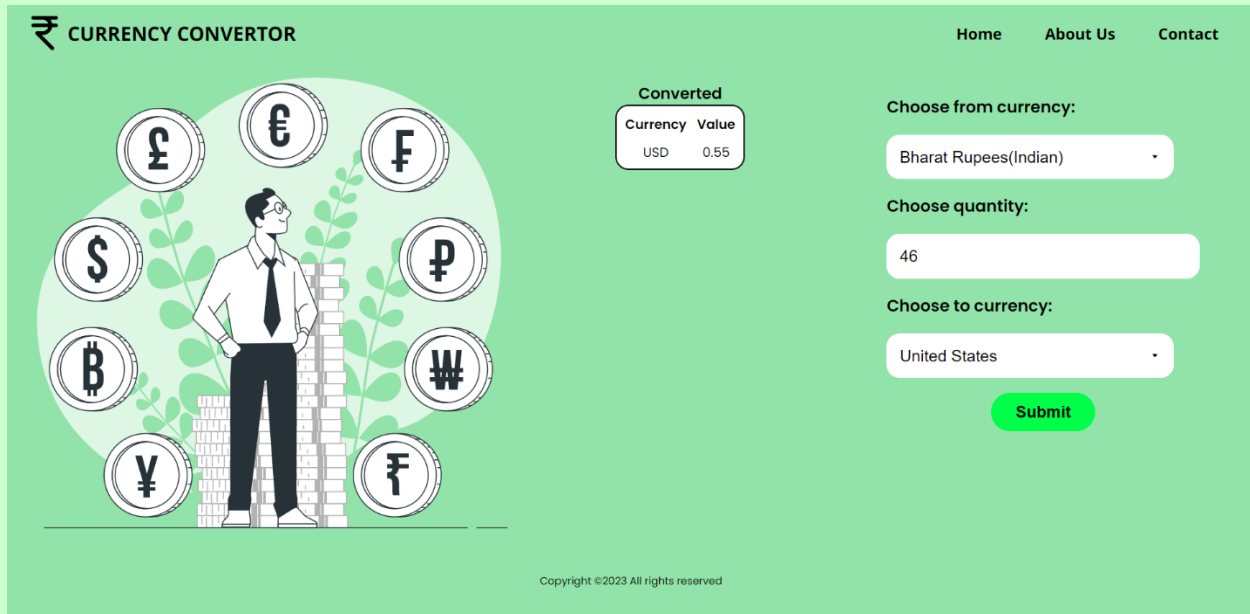


Choose to currency:

Albania ▾

Submit

- The converted currency value will be displayed in a table below the form.



The screenshot shows a web application titled "CURRENCY CONVERTOR" with a logo featuring the Indian Rupee symbol. The interface includes a navigation bar with links for "Home", "About Us", and "Contact". On the left, there is an illustration of a man in a white shirt and tie standing next to stacks of coins and currency symbols (USD, EUR, GBP, INR, JPY, etc.). In the center, a "Converted" table displays the conversion results:

Currency	Value
USD	0.55

On the right, the form allows users to "Choose from currency:" (Bharat Rupees(Indian)), "Choose quantity:" (46), and "Choose to currency:" (United States). A green "Submit" button is located below the form. At the bottom, a copyright notice reads "Copyright ©2023 All rights reserved".

## 9. Testing and Quality Assurance

The project underwent rigorous testing to ensure its functionality and reliability. Testing included:

- Validation of currency selection and input.
- Real-time rate fetching from the external API.
- Correctness of the conversion formula.
- Responsiveness and compatibility testing on various devices.

## 10. Conclusion

The Currency Converter project has successfully achieved its objectives of providing users with a user-friendly and reliable tool for real-time currency conversion. The application's responsive design ensures that users can access it on different devices.

## 11. Future Enhancements

For future enhancements, the project could include the following features:

- Historical currency conversion rates.
- User accounts for saving conversion history.
- Currency trend analysis and predictions.
- Improved user interface and additional currency options.

## 12. Acknowledgments

We would like to express our gratitude to <https://currencyapi.com/> for providing the real-time currency exchange rate API used in this project. Without their valuable service, this project would not have been possible.

### **NOTE: -**

This project report provides a comprehensive overview of the Currency Converter project, its objectives, design, implementation, features, testing, and future enhancement possibilities. The application offers a practical solution for real-time currency conversion with a responsive design for user convenience.