

## **Abstract:**

Currency converter web application is mainly developed for the user to get the live currency status of all the country's currencies exchange on one platform.

The main aim of this application is to provide a web based interface for exchanging money from one currency to another.

It is used in knowing the currency value of different countries and make available to common people. They can utilize anywhere at any time.

It helps travellers who are travelling across the borders.

Various nations utilize distinctive money, and there is every day variety in these monetary standards comparatives with each other. The individuals who move cash starting with one nation then onto the next(one money to another) must be refreshed with the most recent money trade rates on the lookout.

So by developing this currency converter web application we can help the peoples who are in need of it when they want to transfer their country currency to another country they will be badly in need of this type of web tools which might help them to do their tasks.

Currency converters aim to maintain real-time information on current market or bank exchange rates, so that the calculated result changes whenever the value of either of the component currencies does. They do so by connecting to a database of current currency exchange rates.

Users can compare the prices of two or more currencies in minutes and get real-time updates about price fluctuations at the same time. This helps in getting the best exchange rates while travelling overseas and also benefits active traders with interests in forex trading.

## **Introduction:**

Cash converter small scale venture is assembled remembering this thing. It is just an adding machine-like application created utilizing HTML, CSS, Java Script, Git-hub .In this application, there is customary update about cash of each nation by which it shows present money market worth and change rate.

Such application can be utilized by any client, yet it is for the most part helpful for business, offers, and account related regions where cash move and money trade happens consistently.

In this money converter application, clients are given a choice to choose the sort of transformation ,for example from "this" money to "that" cash. This basic component permits clients to enter sum to be changed over (state cash in Dollars),and show the changed over sum (say money in Euro).

A cash converter is programming code that is intended to change one money into another all together over to check its relating esteem. The code is commonly a piece of a site or it frames a portable application and it depends on current market or bank trade rates.

To change over one cash into another, a client enters a measure of cash (for example '1000') and picks the cash he/she wishes to check the money related estimation of (for example 'US Dollar'). From that point forward, the client chooses one, or some of the time a few different monetary forms, he/she might want to see the outcome in. The application programming at that point computes and shows the comparing measure of cash.

Money converters expect to keep up continuous data on current market or bank trade rates, so the determined outcome changes at whatever point the estimation of both of the segment monetary standards does. They do as such by interfacing with an information base of current cash trade rates.

The money change programming ascertains the rates as decimal point numbers with ordinarily 4 decimals after the comma. Some may ascertain the transformation rates with more decimals

inside yet just 4 are shown. This is identified with exactness, programming disguise (i18n) and how the global business sectors work, where most changes have 4 decimal spots, albeit some money matches additionally have 5. Most money converters utilize around 4.

Here, we have used visual studio code for the execution of HTML, CSS and Java script and Git-hub is used to create a repository through which free hosting can be done and link can be generated for the web application.

### **Software Requirements:**

- HTML
- CSS
- Java Script
- Git-hub.
- Web Browsers
- VS Code

### **Hardware Requirements:**

- Processor: Intel core i3
- RAM:8GB
- Microprocessor:2.10GHz