

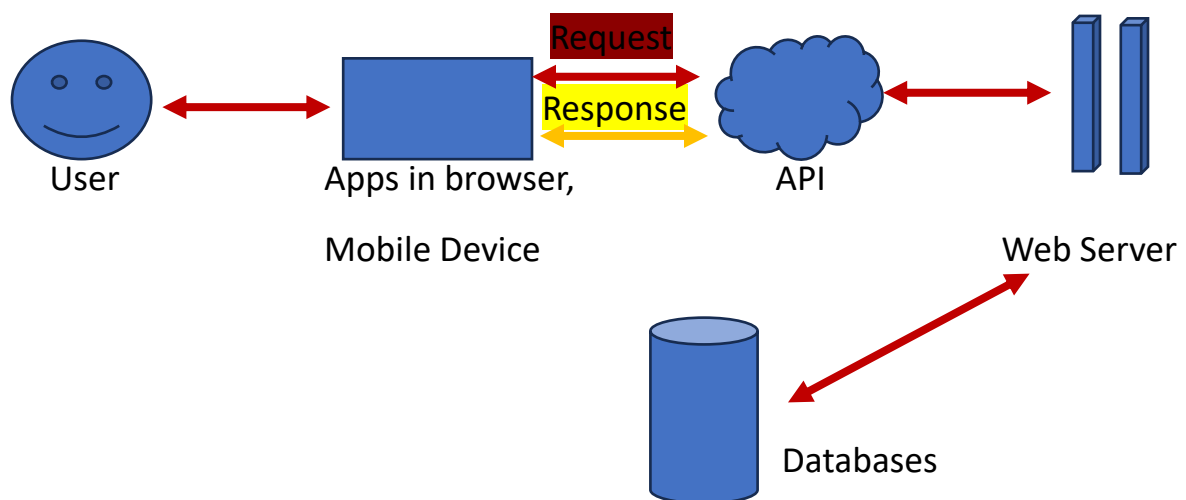
API

What is an API ?

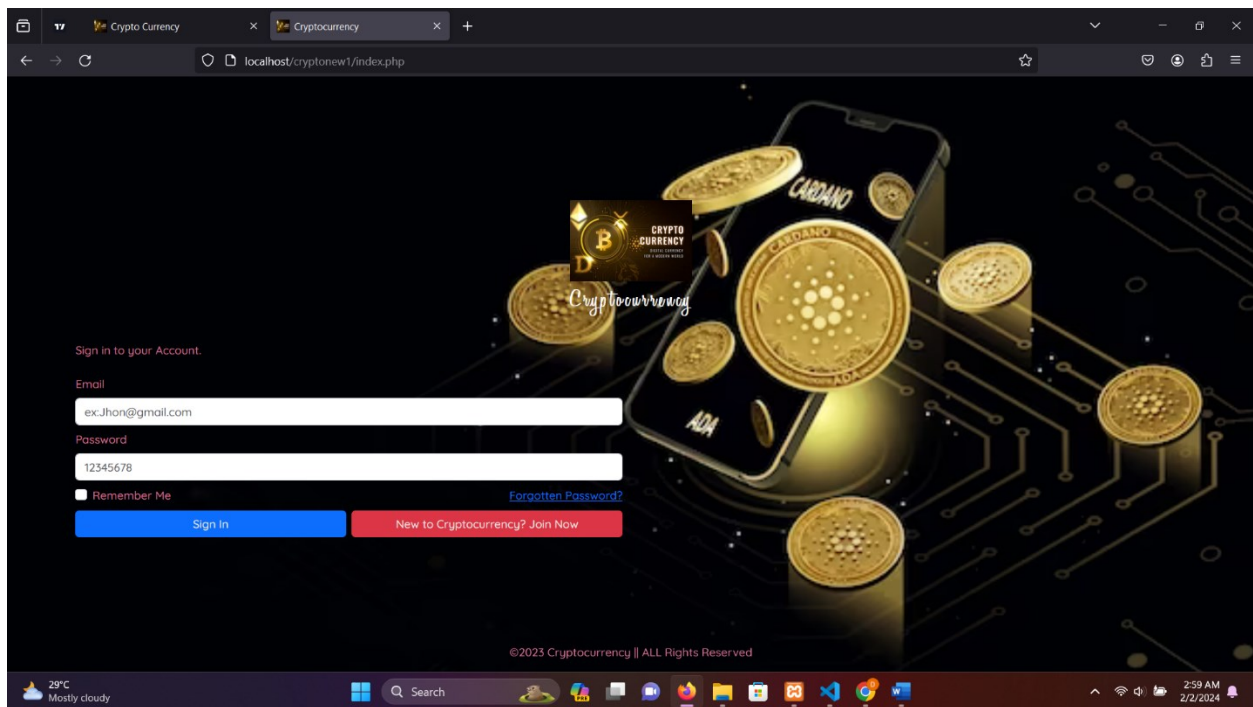
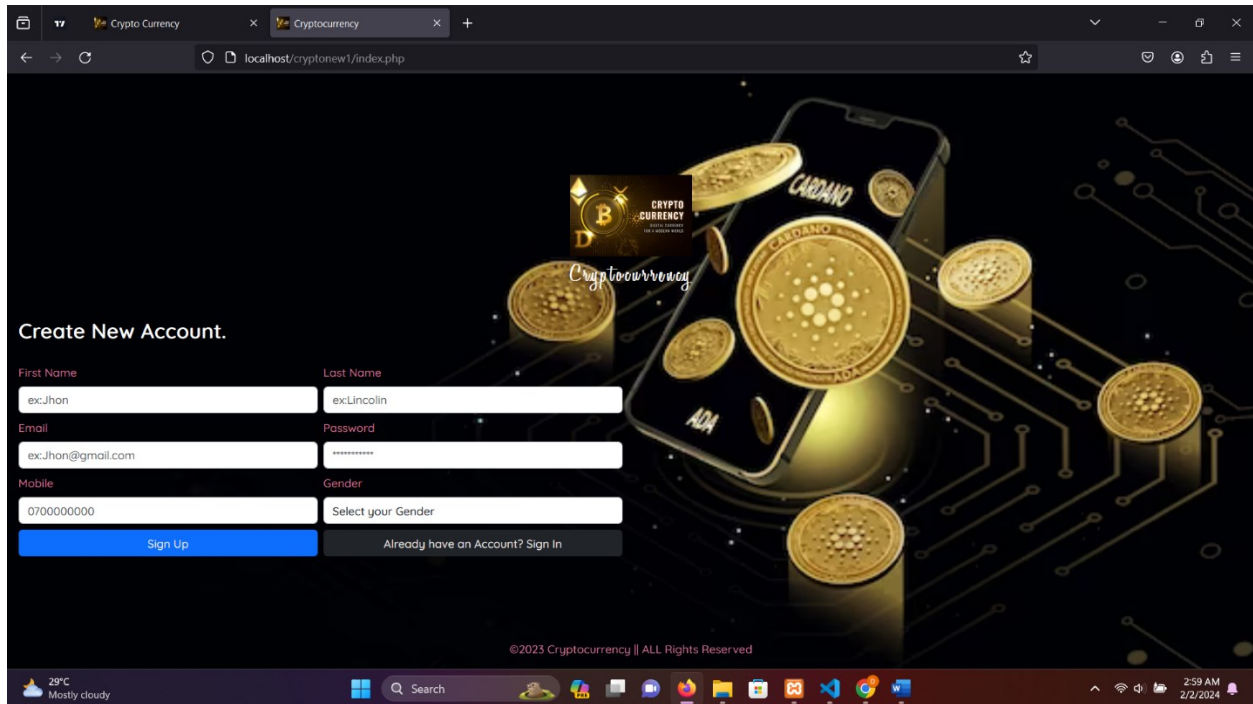
An API, or Application Programming Interface, is a set of rules, protocols, and tools that allows different software applications to communicate with each other. It defines the methods and data formats that developers can use to interact with a particular software component or service. APIs can be used to enable integration between different software systems, allowing them to share data and functionality.

In simpler terms, an API acts as an intermediary that allows two applications to talk to each other, similar to how a waiter takes your order at a restaurant and communicates it to the kitchen, then brings back your food. APIs define the "language" that different software systems use to communicate and interact with each other, enabling seamless integration and interoperability. They are commonly used in web development, mobile app development, and various other software projects to enable functionality such as accessing databases, retrieving data from remote servers, and performing various operations.

See this picture and you can get idea about an API,



You Can my Project interface and codes,



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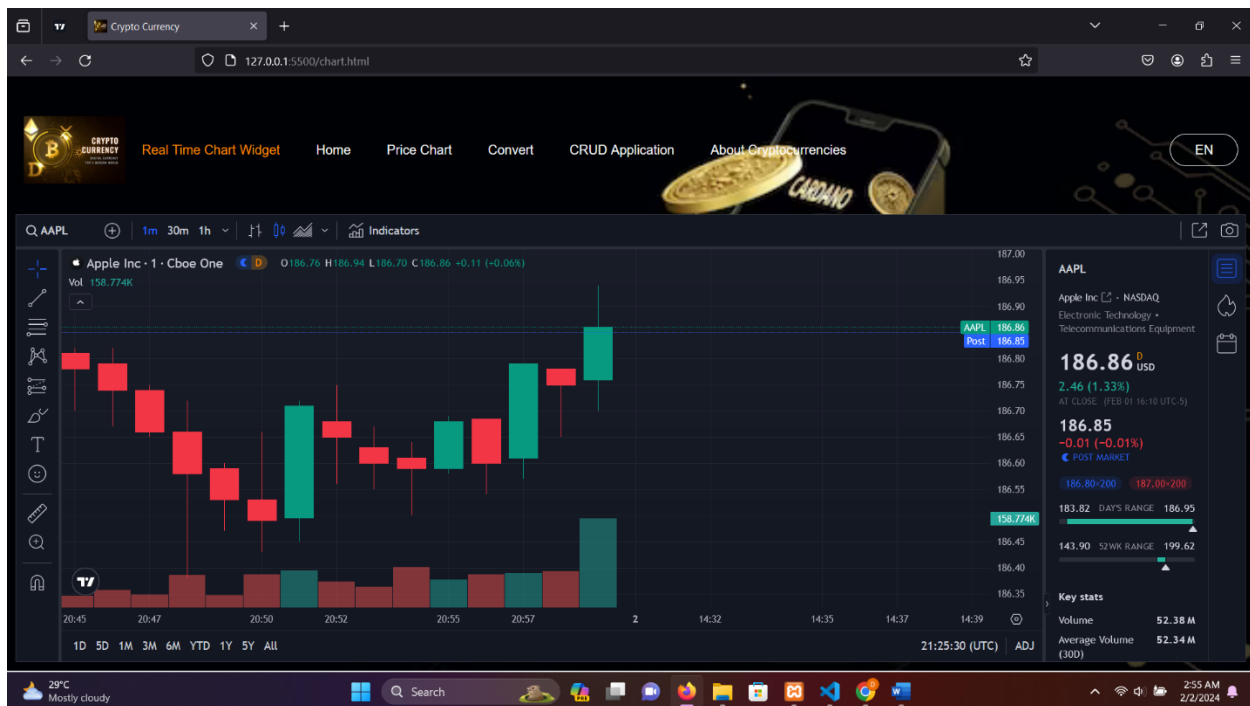
Home Real Time Chart Widget Price Chart Convert CRUD Application About Cryptocurrencies EN

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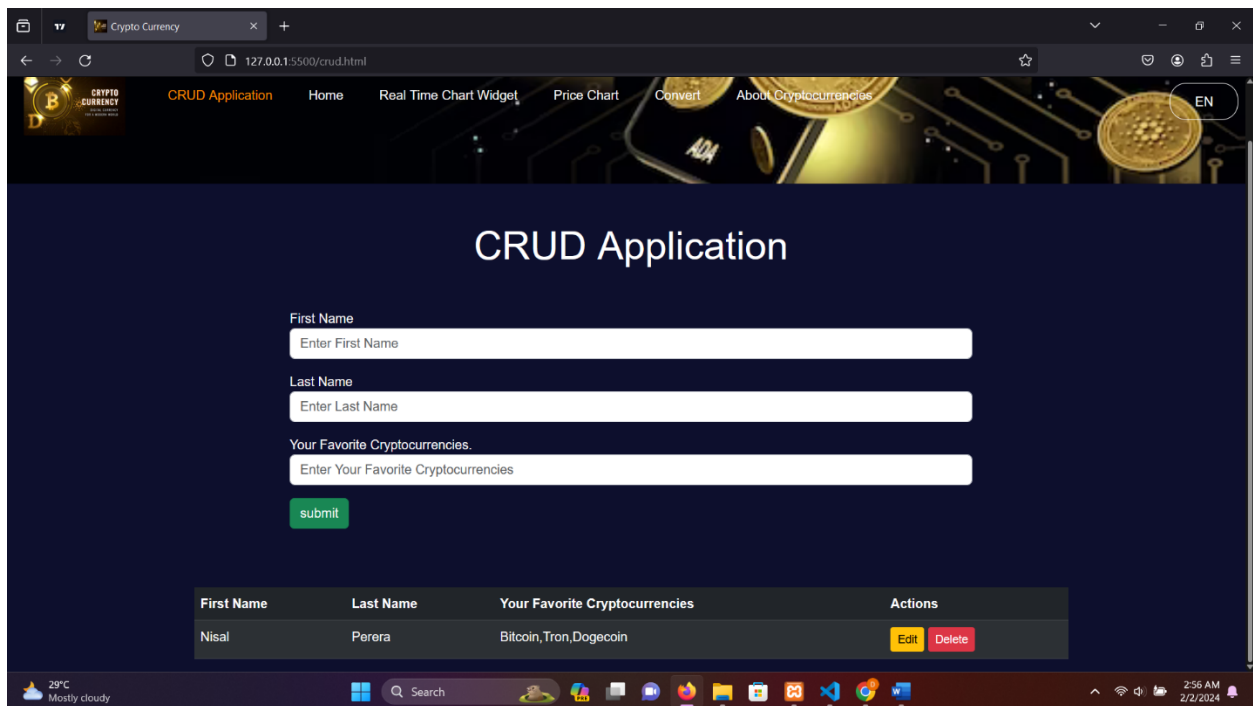
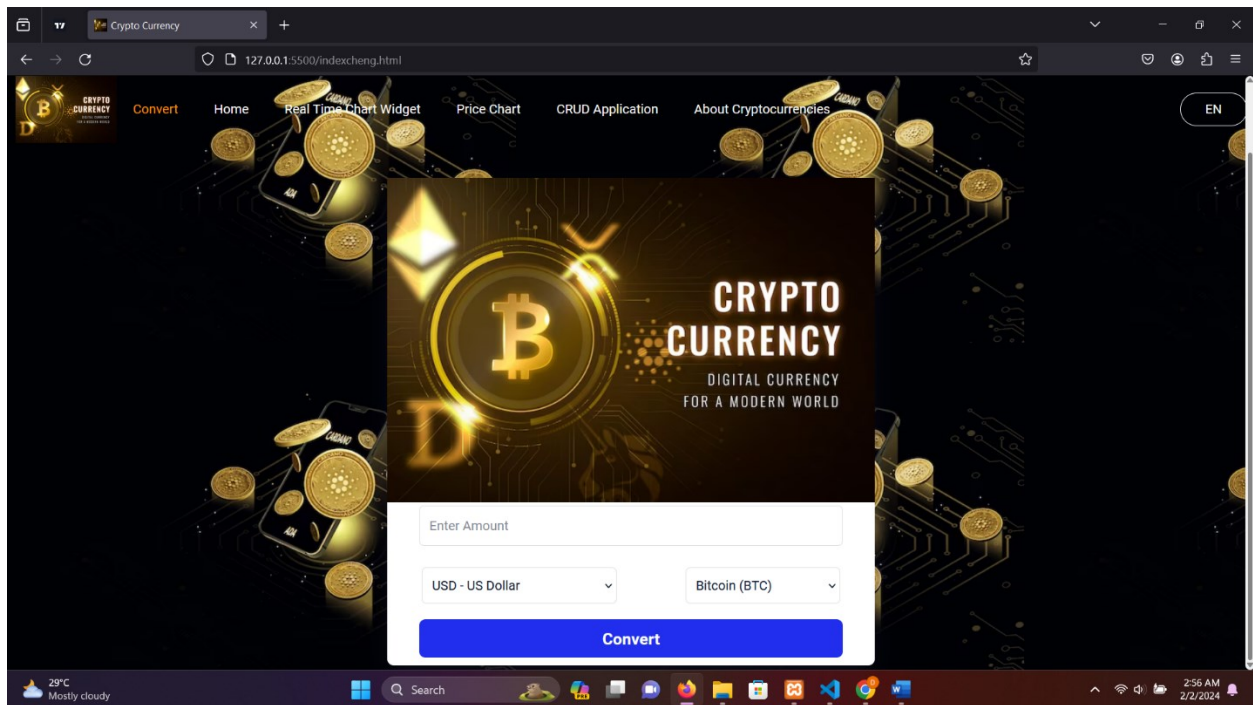
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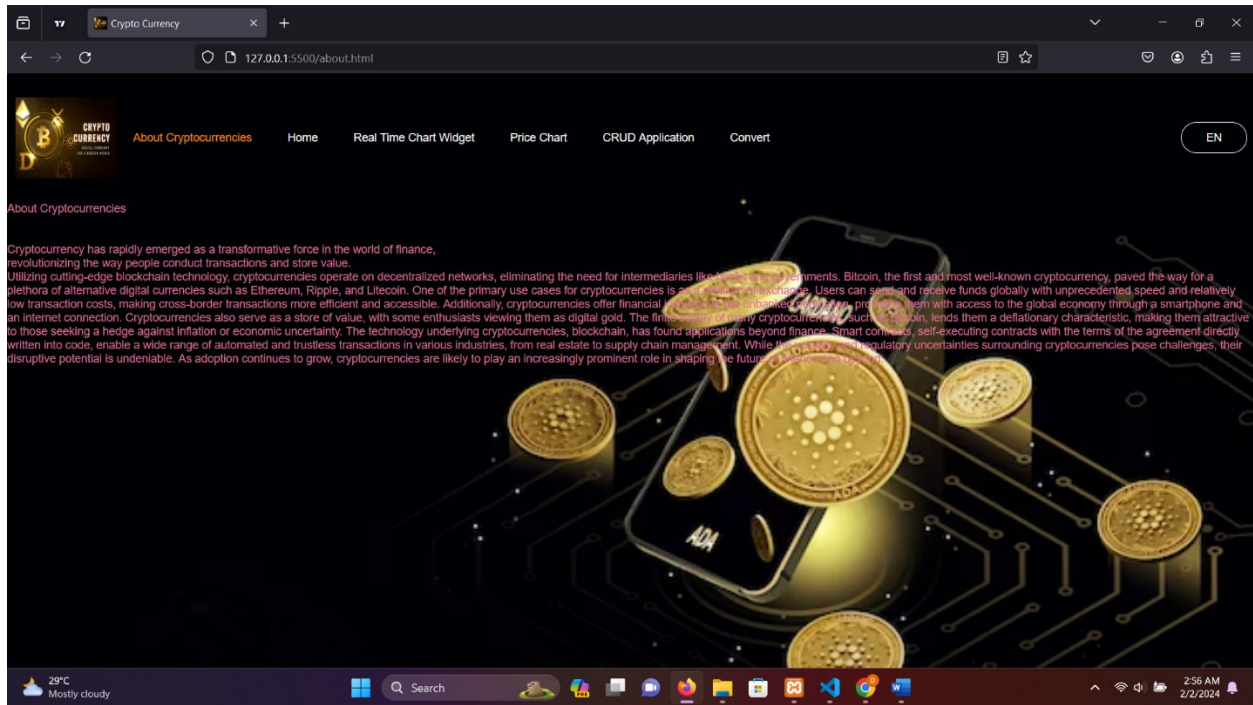
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Price Chart Home Real Time Chart Widget Convert CRUD Application About Cryptocurrencies

NAME	MKT CAP	FD MKT CAP	PRICE	AVAIL COINS	TOTAL COINS	TRADED VOL	CHG %
468 MATCHES							
Bitcoin	846.572B	906.339B	43159	19.615M	21M	22.843B	1.41%
Ethereum	277.172B	277.172B	2306.26	120.183M	120.183M	9.429B	1.06%
Tether USDt	96.204B	99.585B	0.99984	96.219B	99.601B	39.616B	0.06%
Binance Coin	45.029B	45.029B	301.1	149.547M	149.547M	787.807M	0.27%
Solana	42.669B	55.644B	97.87	435.978M	568.55M	3.203B	0.92%
XRP	27.691B	50.926B	0.50926	54.375B	100B	1.051B	1.28%
Cardano	17.889B	22.725B	0.505	35.423B	45B	373.875M	1.61%
Avalanche	12.418B	24.356B	33.8284049	367.102M	720M	533.325M	1.98%
Dogecoin	11.332B	11.332B	0.0793	142.897B	142.897B	273.783M	1.15%
TRON	10.201B	10.201B	0.11575333	88.127B	88.127B	285.725M	2.93%
ChainLink	9.787B	17.228B	17.2282465	568.1M	1B	1.174B	11.64%

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We can use an API for create web applications and apps ect... I try the make **Develop a REST API for Cryptocurrency Price Tracking with User Authentication**. We can use database for create this web application.

ex:- MongoDB, MySQL

I use the API for updating real time or live cryptocurrency price. Some time we will have some problems to make this web application by use API . We can to self-study about it we can get best knowledge and we can study something, and we can make our mistake and we can find the answers to our questions. So, I think Self-study is best thigs for find our problems. We can use internet and we can get some ideas for it.

Name :

D.M.Lakmini Dissanayake.