

**Name: Prakash Kumar**

**Reg. No.: 20BCE0080**

**Project Name: LuCrypto**

## Technology Stack:

- Front-end: React.js, Material-UI, Chart.js.
- Back-end: Node.js, Firebase.
- Database: Firebase Realtime Database (cloud-hosted NoSQL database).
- Cryptocurrency Price API: Coin Gecko API.

## Interface:

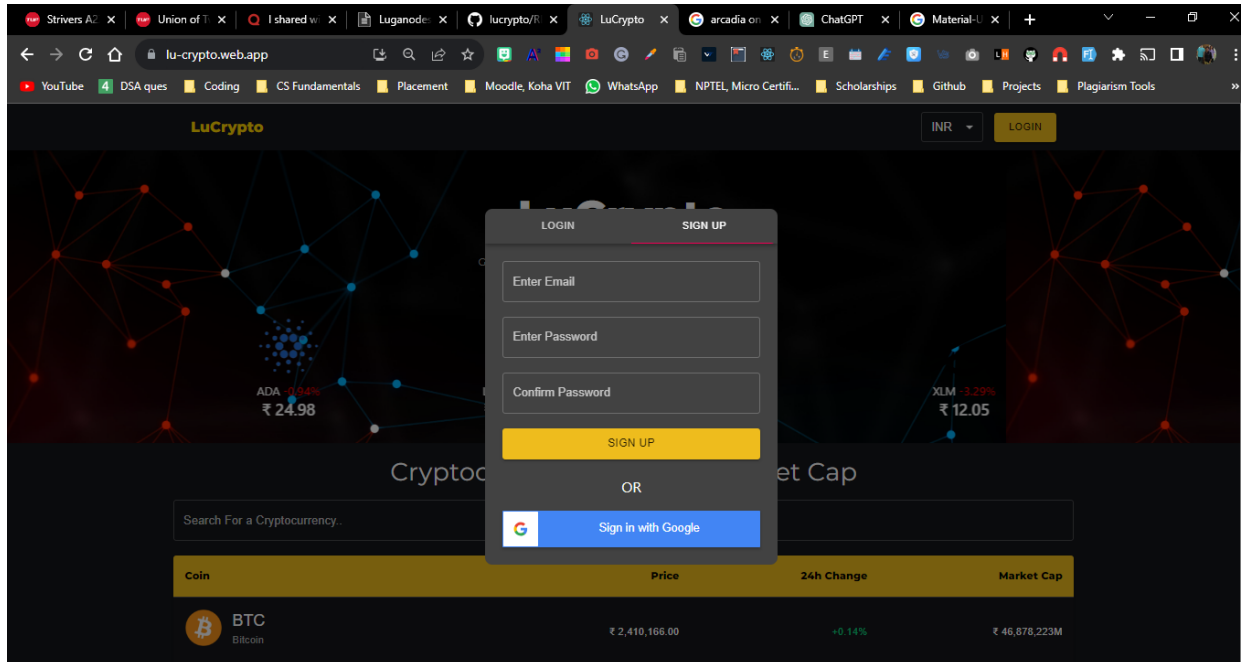
### Page1:

This component fetches trending coin data from an API, creates a carousel displaying the coins' information, and automatically rotates through the trending coins with a predefined interval, offering an interactive and visually appealing way to showcase the top-performing coins.

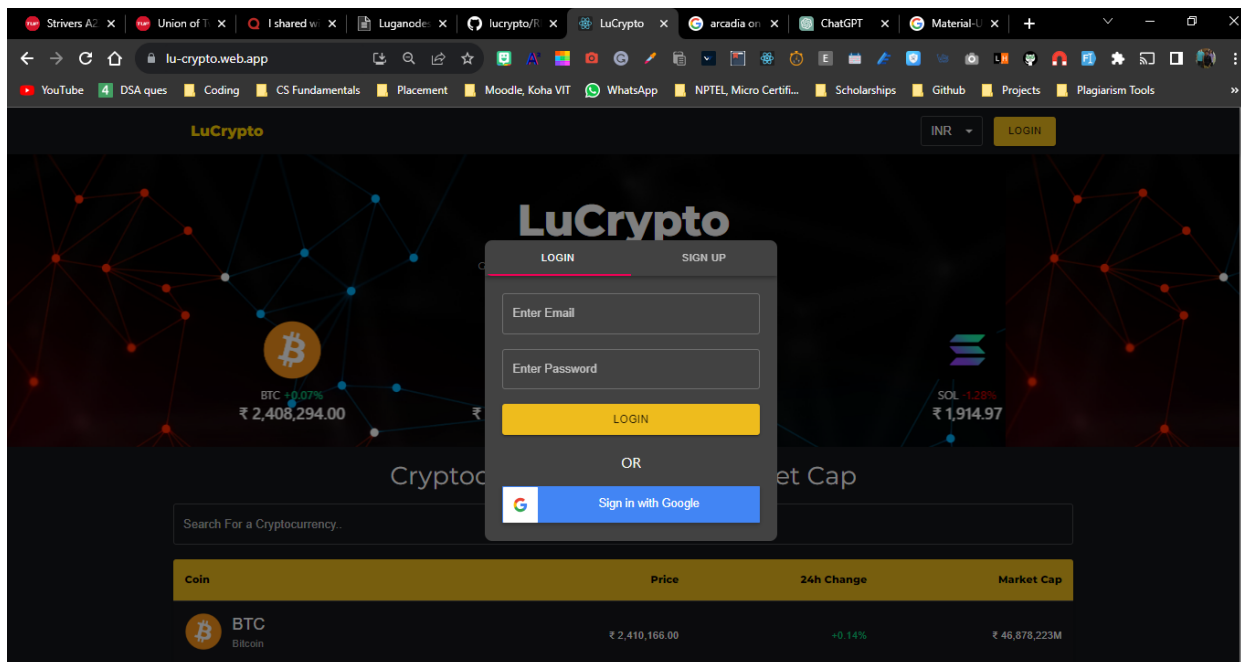
We can see USD/INR value of coins.



Sign-up page: Google Authentication is used here.



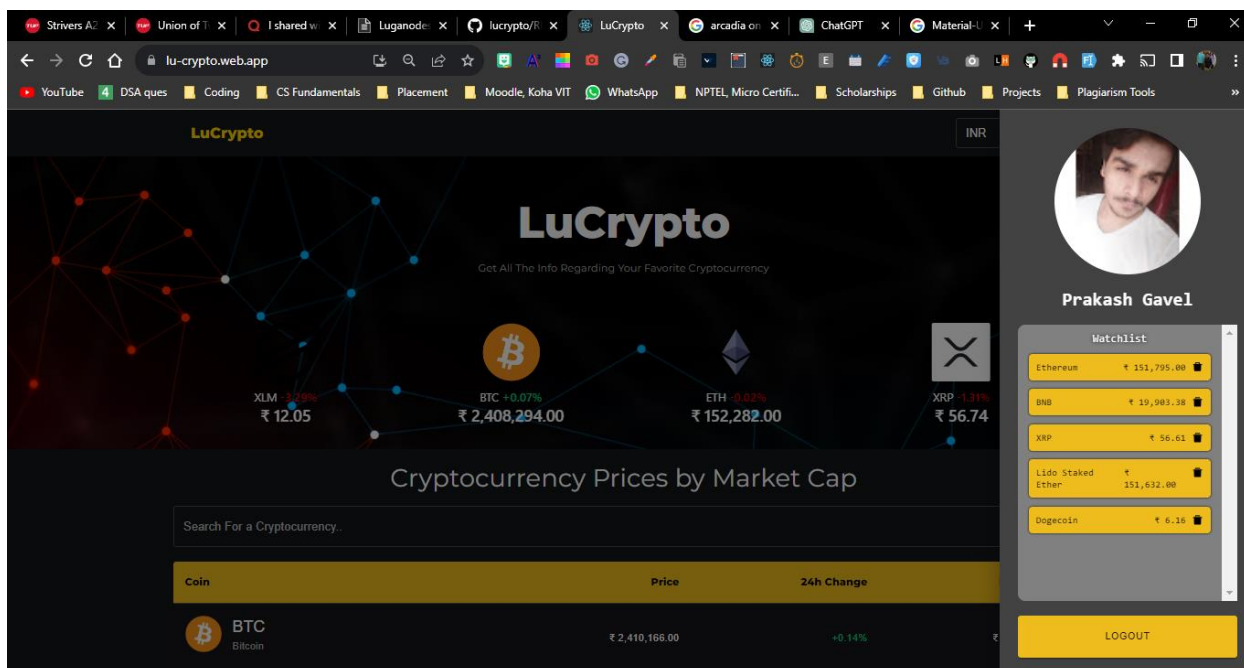
Login page:



Logged in:



User info and his/her Watchlist: Drawer UI is used here.



In the search bar we can search any coin and if we want information about any coin then we have to click to that coin it will redirect us to 2<sup>nd</sup> page of website where we can see the chart and all the info related to that coin.





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lu-crypto.web.app

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## Cryptocurrency Prices by Market Cap

Search For a Cryptocurrency..

Coin	Price	24h Change	Market Cap
 <b>BTC</b> Bitcoin	₹ 2,410,166.00	+0.14%	₹ 46,878,223M
 <b>ETH</b> Ethereum	₹ 151,795.00	-0.41%	₹ 18,403,977M
 <b>USDT</b> Tether	₹ 82.69	+0.47%	₹ 6,937,735M
 <b>BNB</b> BNB	₹ 19,903.38	-1.84%	₹ 3,062,778M

VDP

**Page2:** To get the info about the coin we are using Coin Gecko API and for the chart “react-chart.js”.

Price of Ethereum in INR and Chart of 24 hour,



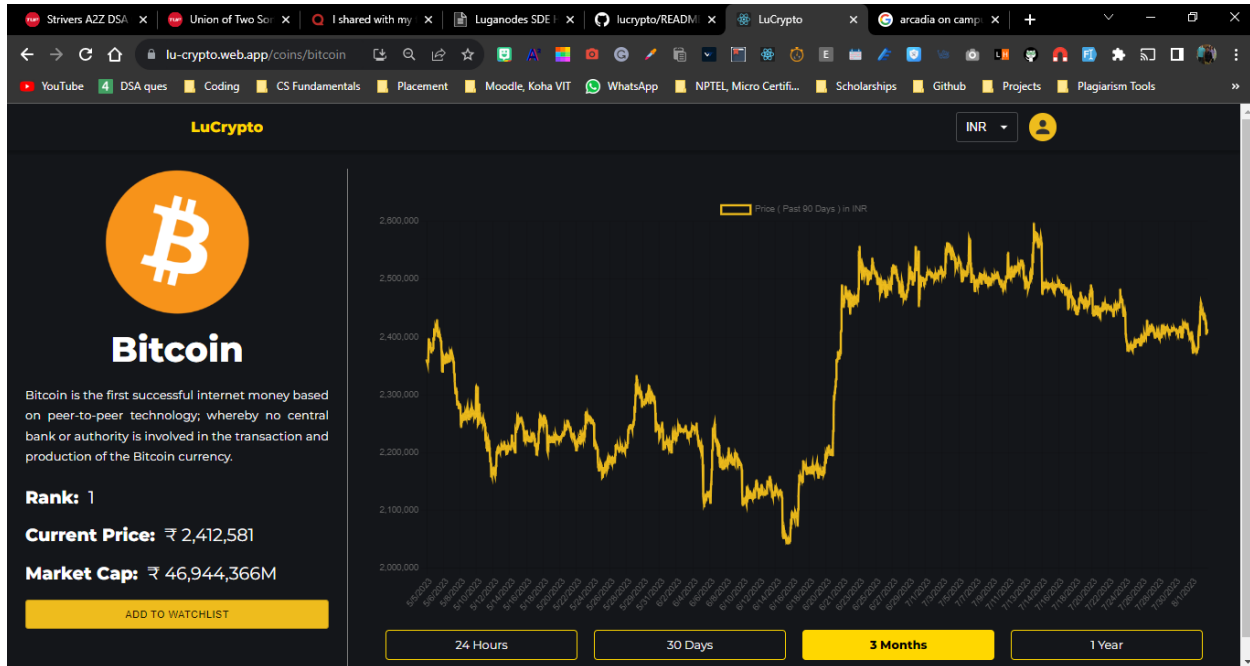
## Price of Ethereum in USD and Chart of 24 hour,



## Price of Ethereum in INR and Chart of 1 year,



Bitcoin is not added in the Watchlist, we can add it by clicking that yellow button,



**Thank You**