// stocks.tsx

import React from 'react';

interface StockData {

MetaData: {

Information: string;

Symbol: string;

LastRefreshed: string;

OutputSize: string;

TimeZone: string;

};

TimeSeries: {

[date: string]: {

open: string;

high: string;

low: string;

close: string;

volume: string;

};

};

}

async function getData() {

try {

const response = await fetch(`https://www.alphavantage.co/query?function=TIME\_SERIES\_DAILY&symbol=AAPL&outputsize=full&apikey=6GGYG3DU8XAEGHIC&datatype=json`);

const data = await response.json();

console.log('Data fetched successfully:', data);

const stockData: StockData = data;

const timeSeries = stockData.TimeSeries;

const stockArray: {

date: string;

open: string;

high: string;

low: string;

close: string;

volume: string;

}[] = [];

for (const date in timeSeries) {

if (Object.prototype.hasOwnProperty.call(timeSeries, date)) {

const data = timeSeries[date];

const stockObject = {

date,

open: data.open,

high: data.high,

low: data.low,

close: data.close,

volume: data.volume

};

stockArray.push(stockObject);

}

}

return stockArray;

} catch (error) {

console.error('Error fetching data:', error);

throw error;

}

}

async function FwdData() {

try {

const stockData = await getData();

console.log('Stock data:', stockData);

return (

<div>

Imported data

{stockData.map((stock, index) => (

<div key={index}>

<p>Date: {stock.date}</p>

<p>Open: {stock.open}</p>

<p>High: {stock.high}</p>

<p>Low: {stock.low}</p>

<p>Close: {stock.close}</p>

<p>Volume: {stock.volume}</p>

</div>

))}

</div>

);

} catch (error) {

console.error('Error in FwdData:', error);

return <div>Error fetching stock data</div>;

}

}

export default FwdData;

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import React from 'react';

import FwdData from './stocks';

export default function Display() {

return (

<div>

<h1>Display Stock Data</h1>

<FwdData />

</div>

);

}