**Documentation**

## Installation

1. Clone the repository:

```bash

git clone https://github.com/your-github-username/crypto-price-tracker.git

1. Navigate to the project folder:

cd crypto-price-tracker/web-app

1. Install dependencies:

npm install

1. Start the application:

npm run dev

**API Integration**

We use the CoinGecko API to fetch live cryptocurrency prices.

API Endpoint:

<https://api.coingecko.com/api/v3/coins/markets?vs_currency=usd&order=market_cap_desc&per_page=5>

**State Management**

React Query is used for efficient data fetching, caching, and automatic updates.

**Challenges & Solutions**

* **CORS Issues:** Used proxy setup for local development.
* **Data Fetching Efficiency:** Implemented React Query to minimize redundant API calls.