T7 - Web Development

T-WEB-700

The Count of Money

keep informed and beat the coins
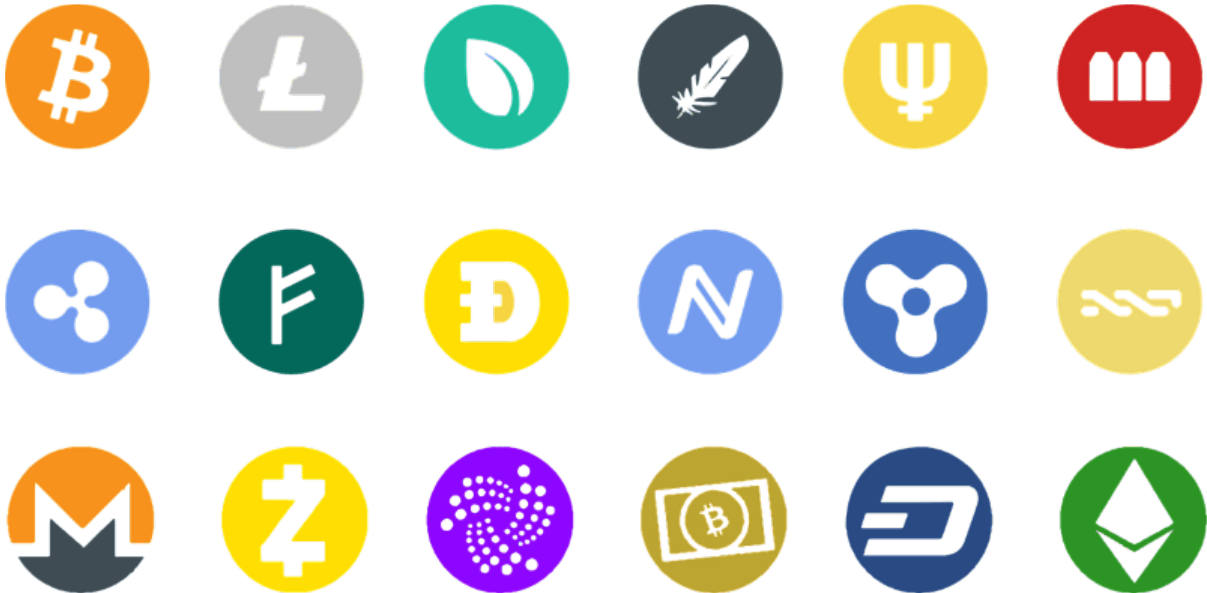
{EPITECH.}

The Count of Money

binary name: thecountofmoney_$AcademicYear_$GroupNumber.zip
delivery method: Moodle

> ● The totality of your source files, except all useless files (binary, temp files, obj files,...), must be included in your delivery.

To get rich, you choose to develop a complete web platform about crypto-currencies.

Doing so, you'll be able to source intel from your users and benefit from their knowledges.

FEATURES

USERS MANAGEMENT

Three levels of access are managed with specific privileges:

- **anonymous access**:

  - have access to the N most popular cryptocurrency courses as well as their evolution (trend and percentage) since the opening
    The list of the N most popular cryptocurrencies is defined by an administrator
  - can check the latest K articles in the press
    K is set by an administrator.

- **user access**:

  - must first create an account
  - user can authenticate by email/password or by Oauth2 (**both MUST be implemented**)
  - can determine their own list(*) of crypto-currencies
  - can define keywords to refine the press review
  - can change their preferences on their profile page

- **administrator access**:

  - manage global application preferences
  - list of cryptocurrencies that can be consulted
  - list of sources (RSS feed) to constitute the press review
    (The list of eligible crypto-currencies is established by an administrator.*
    By default, this list is the same as for an anonymous user.)

CRYPTO-CURRENCIES

Your backend's API manage crypto-currencies.

> Using a third-party service may be an easy way to get reliable intel.

PRESS REVIEW

Your platform must be able to provide the freshest news on crypto-currencies. Set up a background running service that will consume RSS feeds and offer a fine and up-to-date press review.

Bonus

Many optional features would guaranty success to your platform and fidelity with your users:

- **[Frontend] Real Time Update**

- **[Frontend] Guided tour**

- **[Frontend] Test**

- **[Frontend] Data visualization**

- **[Backend] Security**

- **[Backend] Database**

- **[Backend] Documentation**

- **[Desktop] Packaging & Distribution**