

T7 - Web Development

T-WEB-700

The Count of Money

keep informed and beat the coins



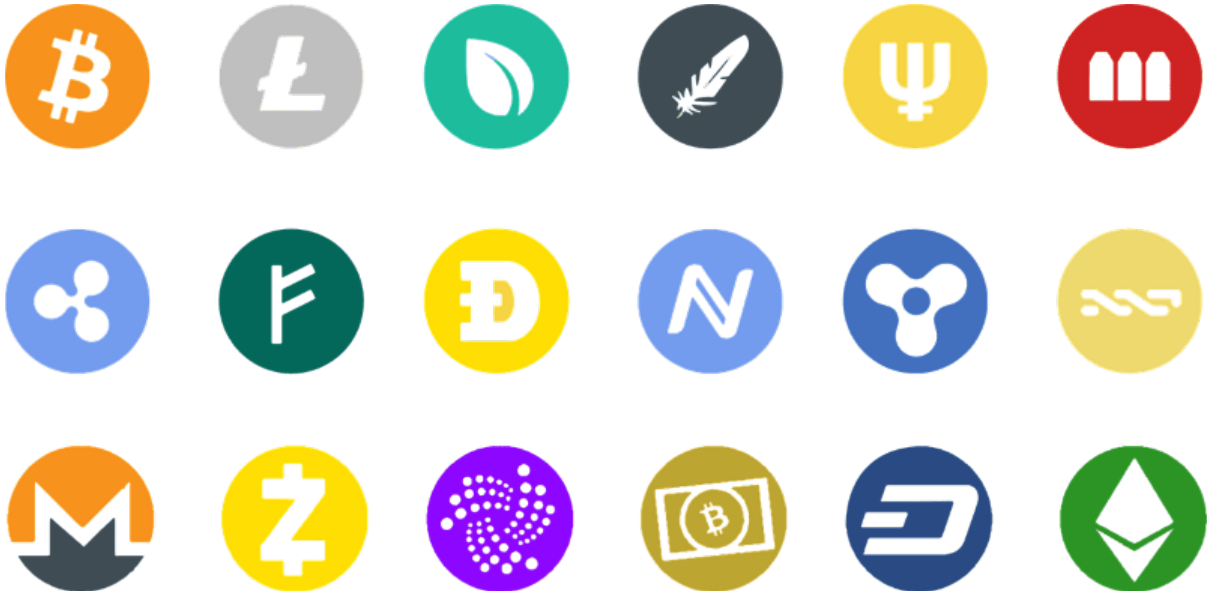
The Count of Money

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
 - authentication by email/password or by OAuth2
 - 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.



Choosing something stable, well-documented and efficient is wise.

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