## Securitize Full Stack Developer

# Assignment

# **Digital Wallet Dashboard**

### Objective

Build a generic platform that return analytics on an ethereum wallets

### **Tools**

To get information on ethereum wallet please use <a href="https://etherscan.io/apis">https://etherscan.io/apis</a>
API Key: <a href="https://etherscan.io/apis">NSZCD6S4TKVWRS13PMQFMVTNP6H7NAGHUY</a>

### Requirements

The application have the following requirements:

- 1. Add wallet addresses and display them
- 2. From the set of wallets, the user should be able to select favorites and order by them
- 3. We should have a way to know if a wallet is old. A wallet is considered old if the first transaction was performed at least one year ago.
- 4. The user should be able to do the following actions
  - a. Get exchange rates from Euro and US Dollar to ETH (Ethereum), those can be stored in-memory or in any DB of your preference.
  - Edit the exchange rate of Euro or US Dollar to ETH
- 3. Given a currency (Euro or US Dollar) then the user should have the balance of the ETH in the wallet in the selected currency using the exchange rates from step 4.

#### For API:

- You should use NestJS
- You can store data in memory, but a DB is a must be.

#### For UI:

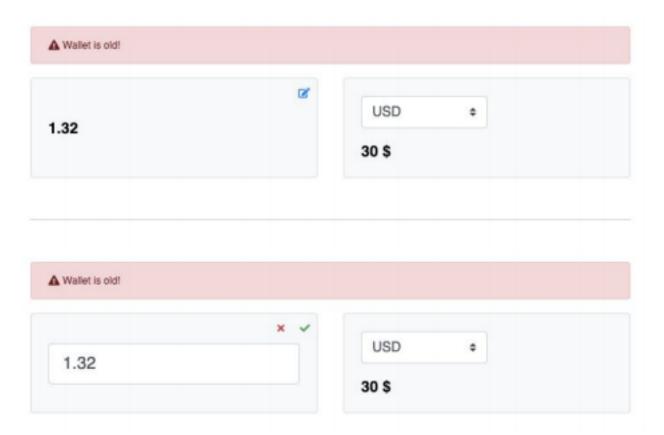
Implement for above endpoints a dashboard interface (React / VueJs) using the attached designs. Use redux/vuex if necessary.

Please note: You can add things to the design if required.

### We're taking into account:

- 1. Functionality.
- 2. Your code.
- 3. Readiness for production.
- 4. Your decisions on how you choose to implement.

## UI Design:



# **Good Luck!**