

Licences management

Sprint 1:

Design and develop a web application that let an administrator manage his clients licences.

The application must let the admin create, read, update, delete and disable licences.

Each licence must have a database and storage folder in the server.

The licence must be stored in admin database with the following informations:

- enseigne
- siret
- code_naf
- numero_tva
- telephone
- adresse
- code_postal
- ville
- pays
- nombre_postes
- duree_utilisation
- client_email
- client_pwd
- licence
- code_licence
- etat
- site
- exercice

The 'licence' and 'code_licence' are random generated strings.

While creating a new licence you'll have to:

- Create a mongodb database with the 'licence' name.
- Create a folder under 'afnor' folder.
- Create private and public keys with RSA 2048 algorithm.
- Import basic data into the database.

Sprint 2:

After creating the licence and it's database and folder. You'll have to develop a web service that synchronise two types of data:

- Mongodb data that will be stored into the corresponding database licence.
- JSON files to store in the appropriate folder.

The sync request is encrypted and decrypted via the appropriate private and public keys.

Monitor the sync requests to represents charts about traffic usage and disk usage later. and monitor and log errors.

Keywords:

Nodejs, mongodb, reactJS, redux, git, gitflow, OpenSSL, TDD.

Good luck