Une image contenant personne

Description générée automatiquement

**Dashboard**

**Introduction**

We have to create our own Dashboard with some widgets and services.

**Languages**

* Node.js
* HTML
* CSS
* Javascript
* JQuery

**Requirement**

* **Docker** – Docker is a platform for developers and sysadmins to develop, deploy, and run application with containers.
* **MongoDB** – MongoDB is an open-source document database and leading NoSQL database.
* **NPM** – NPM is the package manager for JavaScript and the world’s largest software registry.
* **Node.js** – As an asynchronous event drive JavaScript runtime, Node is designed to build scalable network applications.

**Compilation**

“ docker-compose build && docker-compose up ”

You can also use “./build.sh”.

**Routes of the Node.js server**

|  |  |
| --- | --- |
| / | Load welcome page. (GET) |
| /about.json | Load json file. (GET) |
| /dashboard | Load dashboard page. (GET) |
| /profile | Load user profile page.  (GET |
| /saveWidget | Save a new widget instance. (POST) |
| /editWidget | Edit previously created widget. (POST) |
| /loadWidget | Load all widgets. (GET) |
| /deleteWidget | Delete widget. (POST) |
| /users/login | Load page to login. (GET) |
| /users/register | Load page to register. (GET) |
| /users/logout | Load page to logout. (GET) |

**Views of the Node.js server**

|  |  |
| --- | --- |
| Dashboard.ejs | Dashboard page. |
| Login.ejs | Login page. |
| Profile.ejs | Profile page. |
| Register.ejs | Register page. |
| Welcome.ejs | Welcome page. |

**Services & Widgets**

1. **YouTube Service** 
   1. Video – This widget allows you to watch a video.
   2. Video views – This widget allows you to see video views.
   3. Video likes & dislikes – This widget allows you to see video likes & dislikes.
2. **Weather Service**
   1. Weather Temperature – This widget allows you to see weather temperature with small description.
3. **Cinema Service**
   1. Movie Information – This widget allows you to see movie information.
4. **Adult Content Service**
   1. Movie – This widget allows you to see adult content movie.
5. **Joke Service**
   1. Chuck Norris Joke – This widget allows to see Chuck Norris joke.