Atelier 4 : Mise en place d'un CRUD Articles

- **Installer fontawesome**

    Site : https://fontawesome.com/search?o=r&m=free

```
npm install @fortawesome/fontawesome-free
```

importer fontawesome dans le fichier app.js

```js
import { createApp } from 'vue';
import { createRouter, createWebHistory } from "vue-router";
import { routes } from "./routes";
import "@fortawesome/fontawesome-free/css/all.css";
import 'bootstrap/dist/css/bootstrap.min.css'
import App from './App.vue'
```

Créer le composant components/articles/Viewarticles.vue

```html
<template>
    <div >
        <div v-if="isLoading">
            <h2> Loading .... </h2>
        </div>

     <div v-else class="py-6">
         <table class="table table-striped shadow">
           <thead>
         <tr>
           <th scope="col">Image</th>
           <th scope="col">Référence</th>
           <th scope="col">Désignation</th>
           <th scope="col">Quantité Stock</th>
           <th scope="col">Prix</th>
           <th scope="col">View</th>
           <th scope="col">Modifier</th>
           <th>Supprimer</th>
         </tr>
       </thead>

             <tbody>
                 <tr v-for="art in articles" :key="art.id">
```

```html
                    <td><img :src="art.imageart" width="70"
height="80"/> </td>
                    <td>{{ art.reference }}</td>
                    <td>{{ art.designation }}</td>
                    <td>{{ art.marque }}</td>
                    <td>{{ art.qtestock }}</td>
                    <td>{{ art.prix }}</td>

                    <td><button class="btn btn-outline-primary mx-
2">
                        <i class="fa-solid fa-pen-to-square"></i>
                        Edit</button></td>
                    <td><button class="btn btn-outline-danger mx-
2" @click="deletearticle(art.id)">
                        <i class="fa-solid fa-trash-can"></i>
                        Delete
                    </button></td>

                </tr>
            </tbody>
        </table>
    </div>
        </div>

</template>

<script setup>
import { ref,onMounted } from 'vue';

import axios from 'axios';
const articles=ref([])
const isLoading=ref(true)
const getarticles=async()=>{
await axios.get("http://localhost:8000/api/articles")
.then(res=>{
    articles.value=res.data
    isLoading.value=false

})
.catch(error=>{
    console.log(error)
})
}
onMounted(() => {
    getarticles();
});

const deletearticle=async(id)=>{
    try {
```

```
await axios.delete(`http://localhost:8000/api/articles/${id}`)
        getarticles()
    } catch (error) {
    console.log(error)


    }
}

</script>

<style lang="scss" scoped>

</style>
```

Créer le composant Addarticle.vue

```
<template>

    <div class="col-md-6 offset-md-3 border rounded p-4 mt-2
shadow">

    <h4 align="center">Ajout Article</h4>

<form @submit.prevent="addArticle">

    <div class="row">
    <div class="col-md-6">.
        <label for="reference" class="form-label">Référence</label>
    <input type="text" class="form-control" id="reference" v-
model="article.reference">

    </div>
    <div class="col-md-6 ms-auto">
        <label for="designation" class="form-
label">Désignation</label>
    <input type="texte" class="form-control" id="designation" v-
model="article.designation">

    </div>
  </div>

  <div class="row">
    <div class="col-md-6">.
        <label for="marque" class="form-label">Marque</label>
    <input type="text" class="form-control" id="marque" v-
model="article.marque">
```

```html
    </div>
    <div class="col-md-6 ms-auto">
        <label for="Quantité" class="form-label">Qtock</label>
    <input type="texte" class="form-control" id="qtestock" v-
model="article.qtestock">

    </div>
  </div>
  <div class="row">
    <div class="col-md-6">.
        <label for="prix" class="form-label">Prix</label>
    <input type="text" class="form-control" id="prix" v-
model="article.prix">

    </div>
    <div class="col-md-6 ms-auto">
        <label for="categorie" class="form-label">Catégorie</label>
    <input type="texte" class="form-control" id="categorieID" v-
model="article.scategorieID">

    </div>
  </div>
  <div class="row">
    <div class="col-md-12">.
        <label for="prix" class="form-label">Image</label>
    <input type="text" class="form-control" id="imageart" v-
model="article.imageart">

    </div>

  </div>
  <br/>

   <button type="submit" className="btn btn-outline-primary">
    <i class="fa-solid fa-floppy-disk"></i>Enregister
            </button>
            <router-link to="/listart" class="btn btn-outline-danger
mx-2">
                <i class="fa-solid fa-xmark"></i>Cancel
            </router-link>

          </form>
          </div>


</template>

<script setup>
```

```
import { ref } from "vue"
import { useRouter } from 'vue-router';
const router = useRouter()
import axios from 'axios';
const article=ref({
    reference:"",
    designation:"",
    marque:"",
    qtestock:0,
    prix:0,
    imageart:"",
    scategorieID:""
})
const addArticle=async()=>{
await
axios.post("http://localhost:8000/api/articles/",article.value)
.then(() => (
            router.push({ name: 'Viewarticles' })
            ))
.catch(err => console.log(err))


}
</script>
<style scoped>

</style>
```

Fichier routes.js

```
import Viewarticles from "./components/articles/Viewarticles.vue"

import Viewcategorie from "./components/categories/Viewcategorie.vue"

import Addcategorie from "./components/categories/Addcategorie.vue"

import Addaticle from "./components/articles/addarticle.vue"

export const routes=[


    {
        name:"Viewcategorie",
        path:"/listcat",
```

```
                component:Viewcategorie
        },
        {
                name:"Addcategorie",
                path:"/addcategorie",
                component:Addcategorie
        },
        {
                name:"Viewarticles",
                path:"/listart",
                component:Viewarticles
        },
        {
                name:"Addarticle",
                path:"/addarticle",
                component:Addaticle
        }
]
```

Composant Viewarticles.vue

```
<template>
    <div >
        <div v-if="isLoading">
            <h2> Loading .... </h2>
        </div>


     <div v-else class="py-6">
        <nav class="navbar navbar-expand-lg navbar-dark bg-success">
        <div class="container-fluid">

            <router-link :to="{name: 'Addarticle'}" class="btn btn-
outline-light">
                New Article
            </router-link>


        </div>
     </nav>
            <table class="table table-striped shadow">
              <thead>
                <tr>
```

```html
            <th scope="col">Image</th>
            <th scope="col">Référence</th>
            <th scope="col">Désignation</th>
            <th scope="col">Quantité Stock</th>
            <th scope="col">Prix</th>
            <th scope="col">View</th>
            <th scope="col">Modifier</th>
            <th>Supprimer</th>
          </tr>
        </thead>

            <tbody>
                <tr v-for="art in articles" :key="art.id">
                    <td><img :src="art.imageart" width="70"
height="80"/> </td>

                    <td>{{ art.reference }}</td>
                    <td>{{ art.designation }}</td>
                    <td>{{ art.marque }}</td>
                    <td>{{ art.qtestock }}</td>
                    <td>{{ art.prix }}</td>

                    <td><button class="btn btn-outline-primary mx-
2">
                       <i class="fa-solid fa-pen-to-square"></i>
                       Edit</button></td>
                    <td><button class="btn btn-outline-danger mx-
2" @click="deletearticle(art.id)">
                        <i class="fa-solid fa-trash-can"></i>
                       Delete
                  </button></td>

                </tr>
            </tbody>
        </table>
  </div>
     </div>

</template>

<script setup>
import { ref,onMounted } from 'vue';

import axios from 'axios';
const articles=ref([])
const isLoading=ref(true)
const getarticles=async()=>{
await axios.get("http://localhost:8000/api/articles")
.then(res=>{
    articles.value=res.data
```
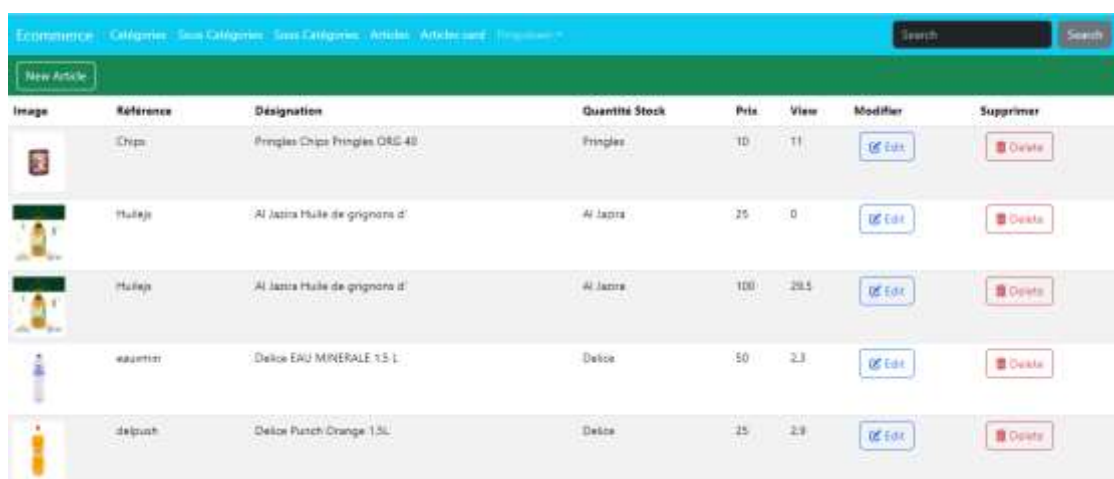
```
        isLoading.value=false

})
.catch(error=>{
    console.log(error)
})
}
onMounted(() => {
    getarticles();
});

const deletearticle=async(id)=>{
    if (window.confirm("Etes-vous sûr de vouloir supprimer ?")) {
    try {
await axios.delete(`http://localhost:8000/api/articles/${id}`)
        getarticles()
    } catch (error) {
    console.log(error)

    }
}
}

</script>

<style lang="scss" scoped>

</style>
```


Composant Addarticle (pour ajouter la liste des sous categories)

```html
<template>


    <div class="col-md-6 offset-md-3 border rounded p-4 mt-2 shadow">

    <h4 align="center">Ajout Article</h4>

<form @submit.prevent="addArticle">

    <div class="row">
    <div class="col-md-6">.
        <label for="reference" class="form-label">Référence</label>
    <input type="text" class="form-control" id="reference" v-
model="article.reference">

    </div>
    <div class="col-md-6 ms-auto">
        <label for="designation" class="form-label">Désignation</label>
    <input type="texte" class="form-control" id="designation" v-
model="article.designation">

    </div>
  </div>

  <div class="row">
    <div class="col-md-6">.
        <label for="marque" class="form-label">Marque</label>
    <input type="text" class="form-control" id="marque" v-
model="article.marque">

    </div>
    <div class="col-md-6 ms-auto">
        <label for="Quantité" class="form-label">Qtock</label>
    <input type="texte" class="form-control" id="qtestock" v-
model="article.qtestock">

    </div>
  </div>
  <div class="row">
    <div class="col-md-6">.
        <label for="prix" class="form-label">Prix</label>
    <input type="text" class="form-control" id="prix" v-
model="article.prix">

    </div>
    <div class="col-md-6 ms-auto">
        <label for="scategorie" class="form-label">Sous Catégorie</label>
        <select class="form-control" v-model="article.scategorieID">
```

```html
            <option v-for="sc in Scategories" :key="sc.id"
:value=sc.id>{{sc.nomscategorie}}</option>
        </select>


    </div>
  </div>
  <div class="row">
    <div class="col-md-12">.
        <label for="prix" class="form-label">Image</label>
    <input type="text" class="form-control" id="imageart" v-
model="article.imageart">

    </div>

  </div>
  <br/>


  <button type="submit" className="btn btn-outline-primary">
    <i class="fa-solid fa-floppy-disk"></i>Enregister
            </button>
            <router-link to="/listart" class="btn btn-outline-danger mx-2">
                <i class="fa-solid fa-xmark"></i>Cancel
            </router-link>



        </form>
        </div>
</template>

<script setup>
import { ref,onMounted } from "vue"
import { useRouter } from 'vue-router';
const router = useRouter()
import axios from 'axios';
const article=ref({
    reference:"",
    designation:"",
    marque:"",
    qtestock:0,
    prix:0,
    imageart:"",
    scategorieID:""
})
const Scategories = ref([]);
const getscategories=()=>{

        axios.get('http://localhost:8000/api/scategories').then(res => {
```

```
            Scategories.value = res.data;
            }).catch(error => {
                console.log(error)
            });


        }

const addArticle=async()=>{
await axios.post("http://localhost:8000/api/articles/",article.value)
.then(() => (
        router.push({ name: 'Viewarticles' })
        ))
.catch(err => console.log(err))
}
onMounted(() => {
    getscategories();
        }
);



</script>
<style scoped>

</style>
```

Ajout Article

. Référence

Désignation

. Marque

Qtock

0

. Prix

Sous Catégorie

0

. Image

[💾Enregister] [✕Cancel]