RAPPORT
MINI PROJET SYMFONY
GESTIONNAIRE DE CONTACTS

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ESMT DAKAR

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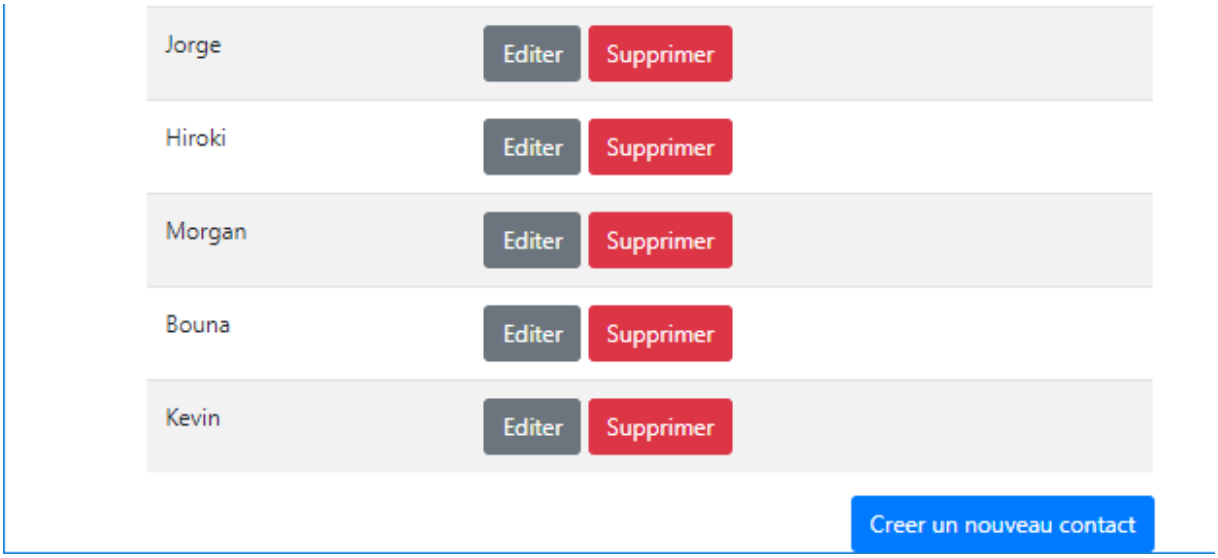
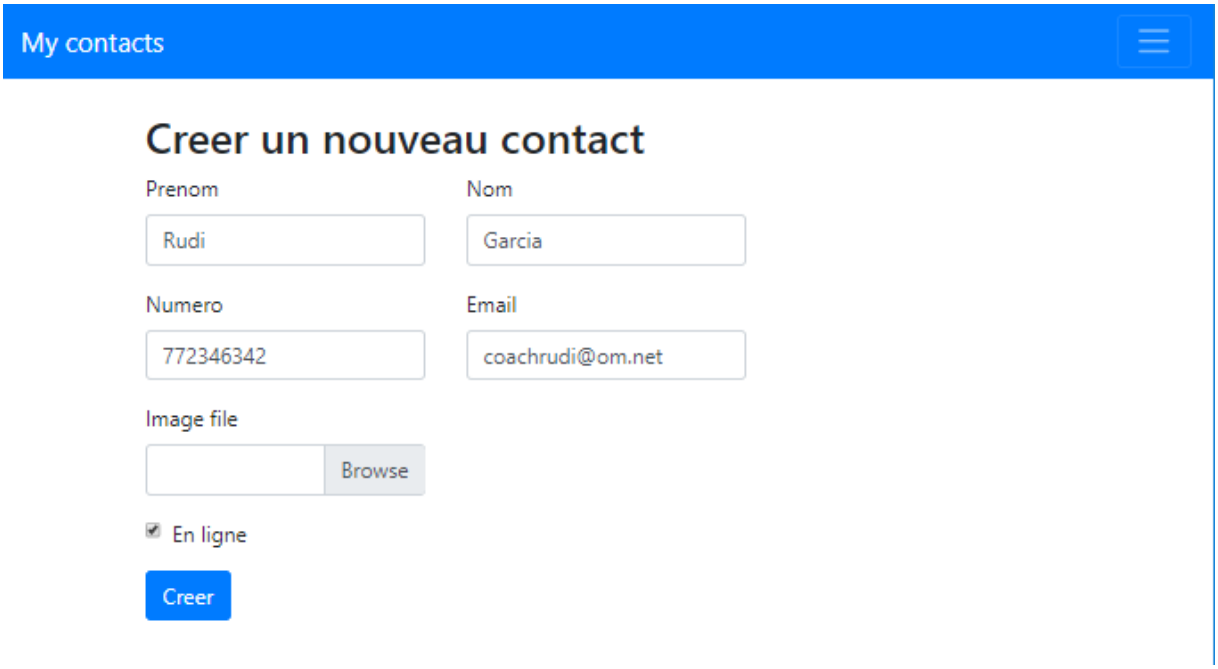
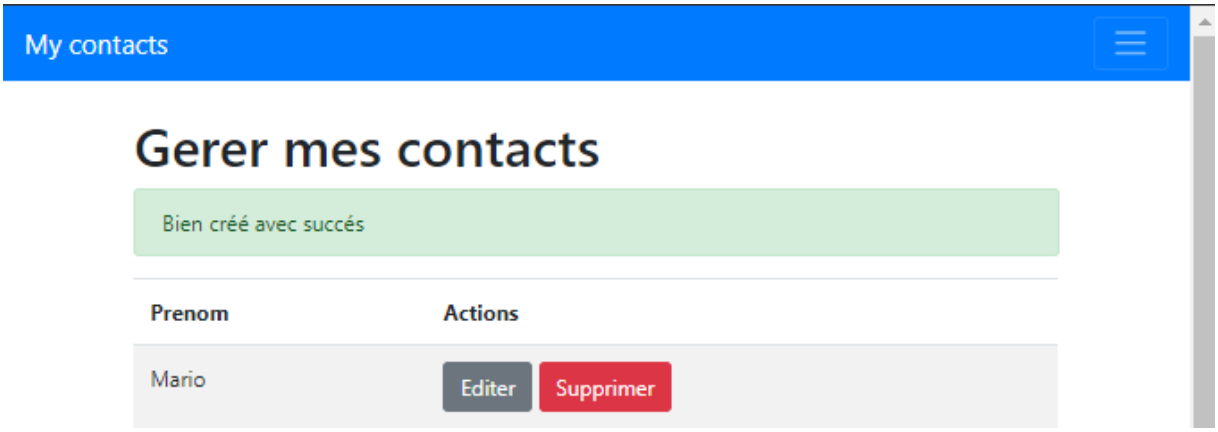
I. Fonctionnement de l'application

A. Ajouter un contact

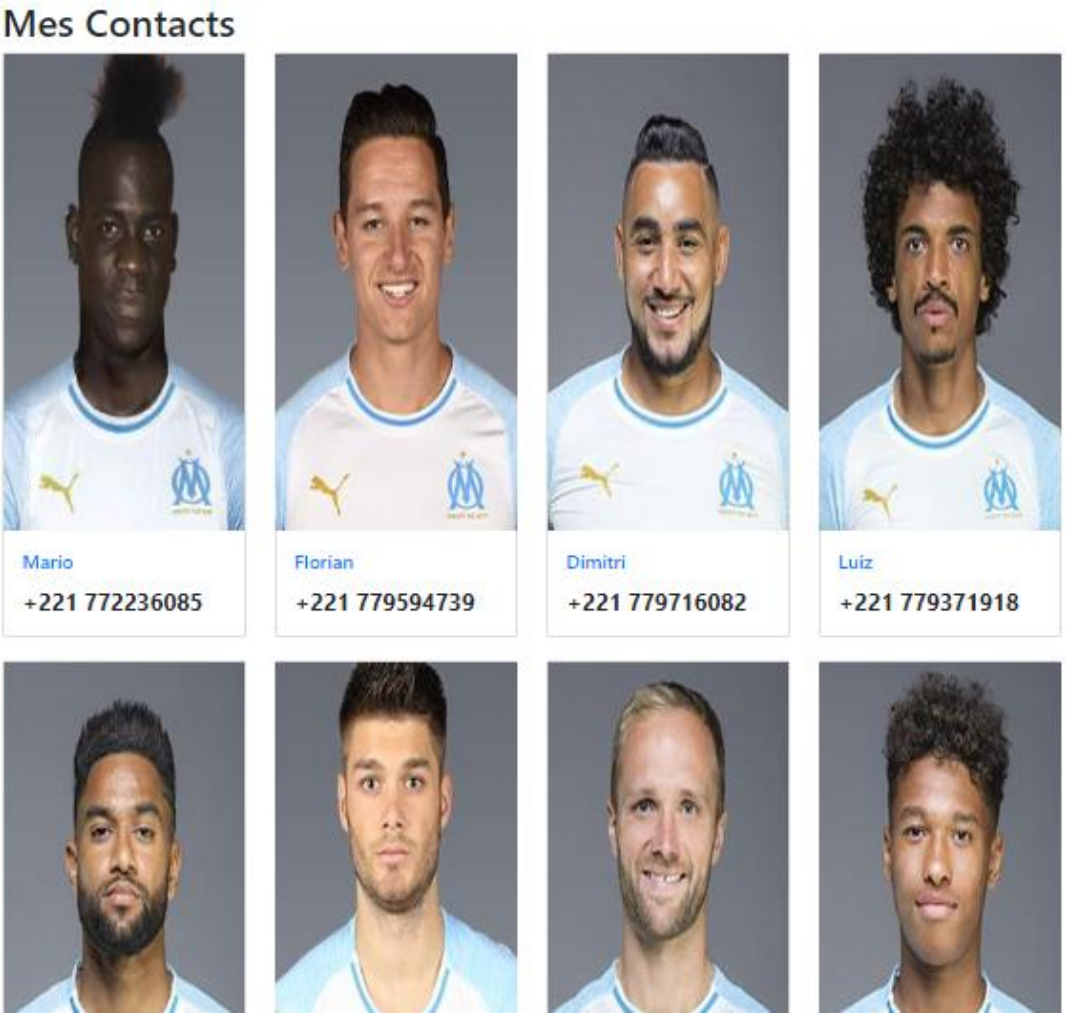
```php
/**
 * @Route("/admin/contact/create", name="admin.contact.new")
 * @param Request $request
 * @return RedirectResponse|Response
 * @throws \Exception
 */

public function new(Request $request) {
    $contact= new Contact();
    $form = $this->createForm( type: ContactType::class, $contact);
    $form->handleRequest($request);

    if ($form->isSubmitted() && $form->isValid()){
        $this->em->persist($contact);
        $this->em->flush();
        $this->addFlash( type: 'success', message: 'Bien créé avec succés');
        return $this->redirectToRoute( route: '/admin');
    }
    return $this->render( view: 'admin/contact/new',[
        'contact' =>$contact,
        'form'=>$form->createView()
    ]);

}
```




My contacts
Creer un nouveau contact
Prenom
Rudi
Nom
Garcia
Numero
772346342
Email
coachrudi@om.net
Image file
Browse
En ligne
Creer

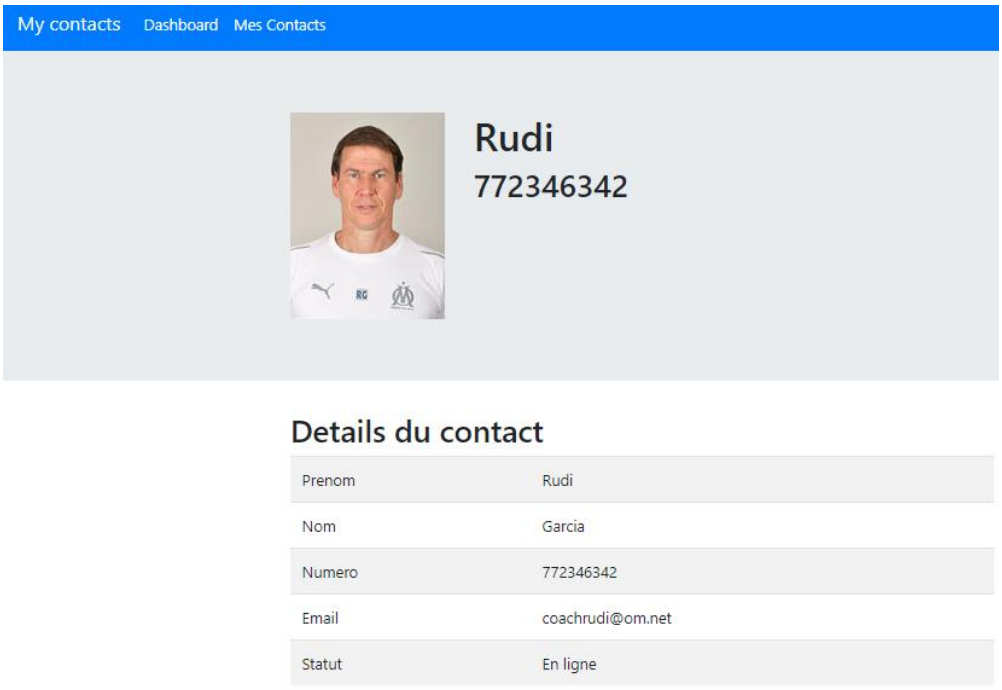

My contacts
Gerer mes contacts
Bien créé avec succés
Prenom
Actions
Mario
Editer
Supprimer

B. Afficher la liste des contacts




```
<h1>Mes Contacts</h1>
<div class="row">


    {% for contact in contacts %}
        <div class="col-md-3">
            {% include 'contact/_contact' %}
        </div>
    {% endfor %}

</div>
```

C. Afficher les coordonnées d'un contact




```
<div class="row">
    <div class="col-md-8">


        <h2>Details du contact</h2>
        <table class="table table-striped">
            <tr>
                <td>Prenom</td>
                <td>{{ contact.prenom }}</td>
            </tr>
            <tr>
                <td>Nom</td>
                <td>{{ contact.nom }}</td>
            </tr>
            <tr>
                <td>Numero</td>
                <td>{{ contact.numero }}</td>
            </tr>
            <tr>
                <td>Email</td>
                <td>{{ contact.email }}</td>
            </tr>
            <tr>
                <td>Statut</td>
                <td>{{ contact.statusType }}</td>
            </tr>

        </table>
    </div>
    <div class="col-md-4">

    </div>
```

D. Modifier les coordonnées d'un contact

```php
/**
 * @Route("/admin/contact/{id}", name="admin.contact.edit", methods="GET|POST")
 * @param Contact $contact
 * @param Request $request
 * @param CacheManager $cacheManager
 * @param UploaderHelper $helper
 * @return \Symfony\Component\HttpFoundation\Response
 */
public function edit(Contact $contact, Request $request, CacheManager $cacheManager, UploaderHelper $helper){

    $form = $this->createForm( type: ContactType::class, $contact);
    $form->handleRequest($request);

    if ($form->isSubmitted() && $form->isValid()){
        if ($contact->getImageFile() instanceof UploadedFile) {
            $cacheManager->remove($helper->asset($contact, fieldName: 'imageFile'));
        }
        $this->em->flush();
        $this->addFlash( type: 'success', message: 'Bien modifié avec succés');
        return $this->redirectToRoute( route: '/admin');
    }

    return $this->render( view: 'admin/contact/edit',[
        'contact' =>$contact,
        'form'=>$form->createView()
    ]);

}
```

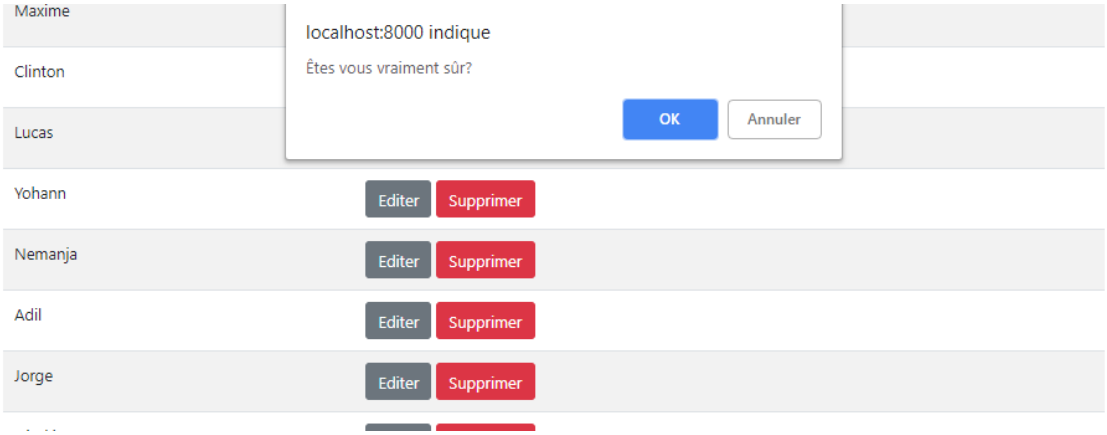
Gerer mes contacts

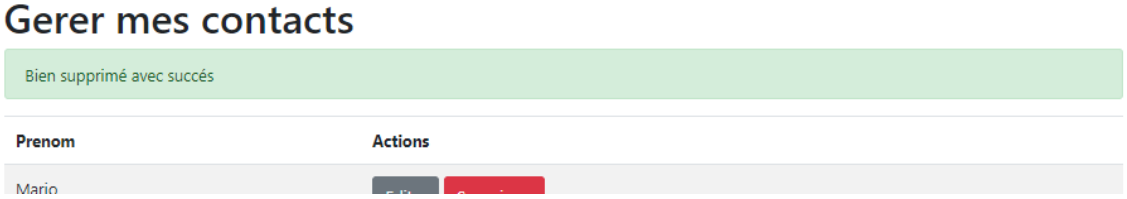
Bien modifié avec succés

Prenom	Actions
Mario	Editer Supprimer

E. Supprimer un contact

```php
/**
 * @Route("/admin/contact/{id}", name="admin.contact.delete", methods="DELETE")
 * @param Contact $contact
 * @param Request $request
 * @return RedirectResponse
 */
public function delete(Contact $contact, Request $request){

    if ($this->isCsrfTokenValid( id: 'delete'. $contact->getId(), $request->get( key: '_token'))){
        $this->em->remove($contact);
        $this->em->flush();
        $this->addFlash( type: 'success',  message: 'Bien supprimé avec succès');
    }

    return $this->redirectToRoute( route: '/admin');
}
```





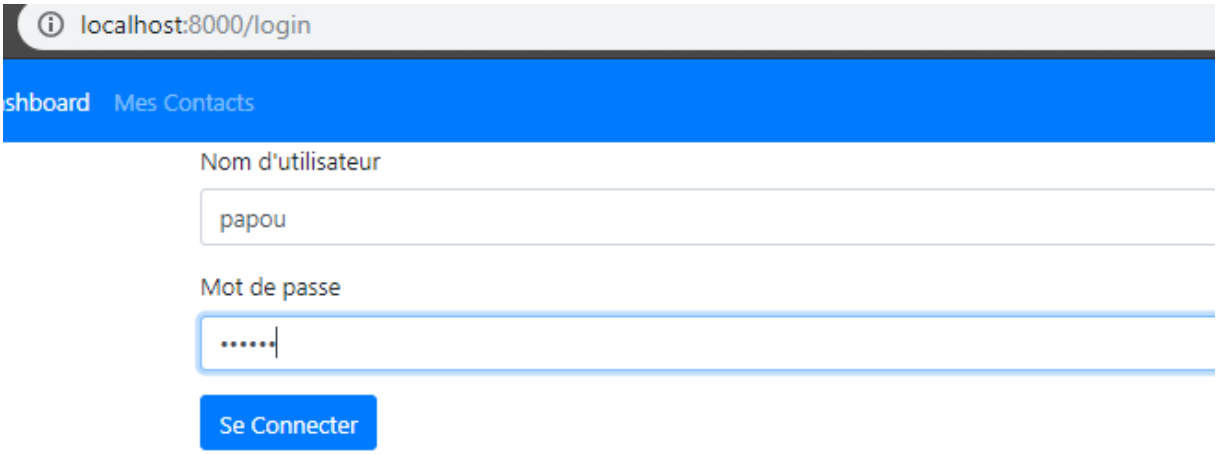
II. Ajout apporté à l'application

A. Authentification

Pour l'authentification on a mis en place un système qui permet seulement à l'administrateur de pouvoir effectuer les opérations telles que l'édition, la création et la suppression de contact.

```php
class SecurityController extends AbstractController{

    /**
     * @Route("/login", name="login")
     * @param AuthenticationUtils $authenticationUtils
     * @return \Symfony\Component\HttpFoundation\Response
     */

    public function login(AuthenticationUtils $authenticationUtils )
    {
        $error = $authenticationUtils->getLastAuthenticationError();
        $lastUsername = $authenticationUtils->getLastUsername();
        return $this->render( view: 'security/login',[
            'last_username'=>$lastUsername,
            'error'=>$error
        ]);
    }
}
```

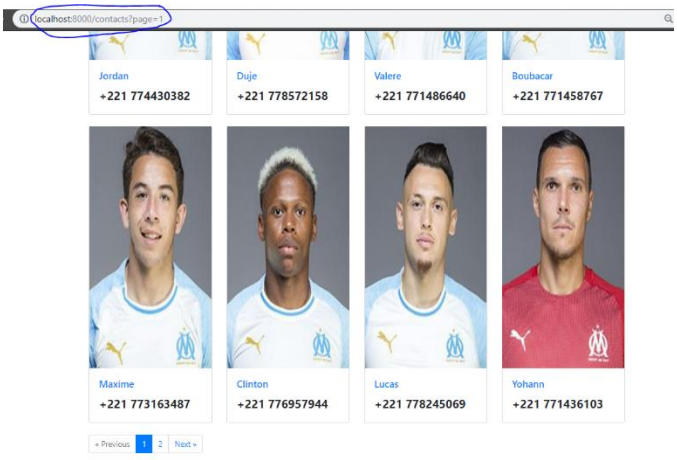
```twig
{% extends 'base' %}

{% block title 'Se Connecter' %}
{% block body %}
    <div class="container">
        {% if error %}
            <div class="alert alert-danger">
                {{ error.messageKey |  trans(error.messagedata, 'security')}}
            </div>
        {% endif %}
        <form action="{{ path ('login') }}" method="post">
            <div class="form-group">
                <label for="username">Nom d'utilisateur</label>
                <input type="text" id="username" name="_username" class="form-control" value="{{ last_username }}">
            </div>

            <div class="form-group">
                <label for="password">Mot de passe</label>
                <input type="password" id="password" name="_password" class="form-control">
            </div>
            <button type="submit" class="btn btn-primary">Se Connecter</button>
        </form>
    </div>
{% endblock %}
```

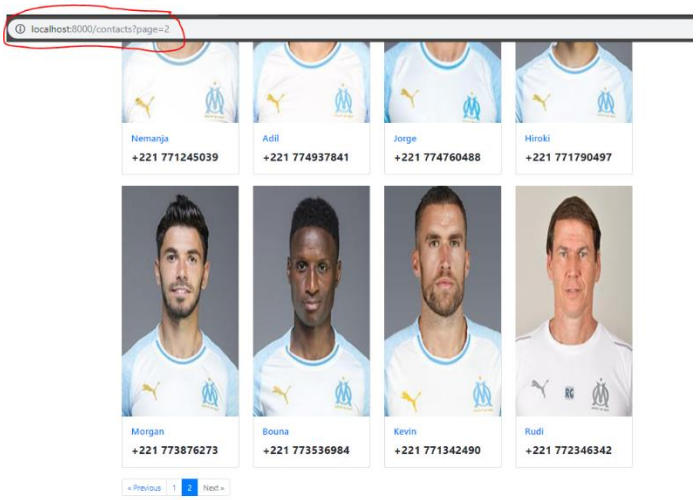

localhost:8000/login
shboard
Mes Contacts
Nom d'utilisateur
papou
Mot de passe
Se Connecter

B. Pagination

Ici on a listé nos contacts avec une pagination dans notre cas c'est 10 contacts par pages.

On a du télécharger un bundle pour la pagination qui prend en paramètre le référencement(KnpPaginatorBundle)

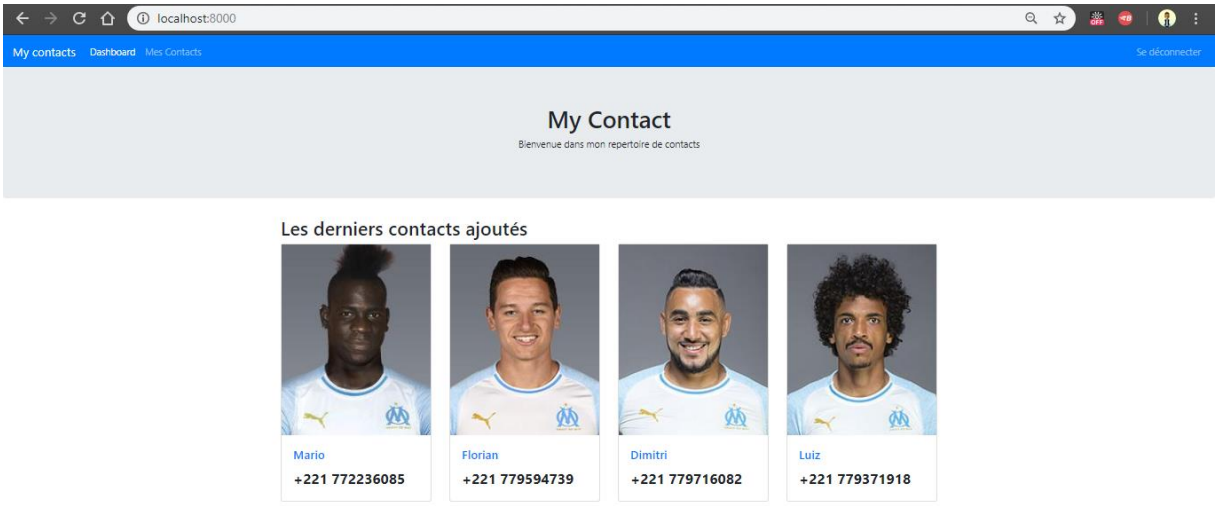





```
<div class="navigation">
    {{ knp_pagination_render(contacts) }}
</div>

/div>
```

C. Image a la une

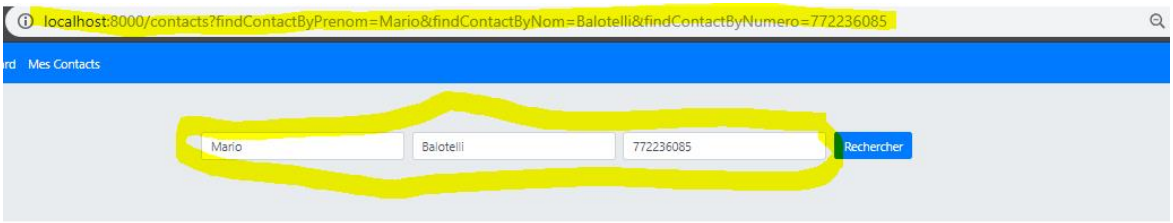
Dans mon tableau de bord on voit la liste des derniers contacts ajoutes avec des images.

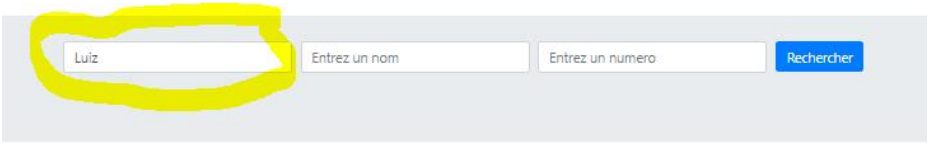


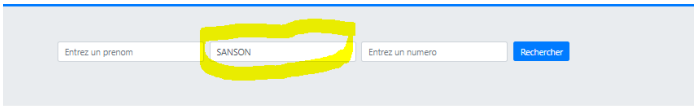

```
{% extends 'base' %}

{% block title 'My Contact' %}
{% block body %}

<div class="jumbotron text-center">
    <h1>My Contact</h1>
    <p>Bienvenue dans mon repertoire de contacts</p>
</div>
    <div class="container">
        <h2>Les derniers contacts ajoutés</h2>
        <div class="row flex">
            {% for contact in contacts  %}
                <div class="col-3">
                    <div class="card">
                        {% if contact.filename %}
                            <img src="{{ vich_uploader_asset(contact, 'imageFile') | imagine_filter('thumb')}}" alt="card-img-top" style="...">
                        {% else %}
                            <img src="/images/contacts/logo.png" alt="card-img-top" style="...">
                        {% endif %}
                        <div class="card-body">
                            <h5 class="card-title">
                                <a href=" {{ path('contact.show', {id: contact.id, slug: contact.slug}) }}">{{ contact.prenom }}</a>
                            </h5>
                            <p class="card-text" style="font-weight: bold;font-size: 1.5rem">+221 {{  contact.numero }}</p>
                        </div>
                    </div>
                </div>
            {% endfor %}
        </div>
    </div>
{% endblock %}
```

D. Filtrage des contacts

On pourra filtrer les contacts par leur nom, prénom, et/ou numéro



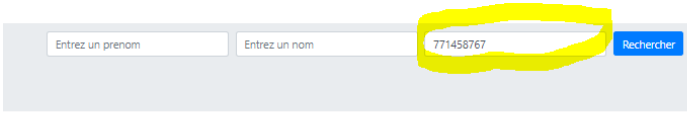




Mes Contacts

Morgan

+221 773876273



Mes Contacts

Boubacar

+221 771458767

```
<div class="jumbotron">
    <div class="container">
        {{ form_start(form) }}
        <div class="form-row">
            <div class="col">
                {{ form_row(form.findContactByPrenom) }}
            </div>
            <div class="col">
                {{ form_row(form.findContactByNom) }}
            </div>
            <div class="col">
                {{ form_row(form.findContactByNumero) }}
            </div>
            <div class="col">
                <button class="btn btn-primary">Rechercher</button>
            </div>
        </div>
        {{ form_end(form) }}
    </div>
</div>
```

```php
class ContactSearchType extends AbstractType
{
    public function buildForm(FormBuilderInterface $builder, array $options)
    {
        $builder
            ->add( child: 'findContactByPrenom', type: TextType::class,[
                'required'=>false,
                'label'=>false,
                'attr'=>[
                    'placeholder'=>'Entrez un prenom'
                ]
            ])
            ->add( child: 'findContactByNom', type: TextType::class,[
                'required'=>false,
                'label'=>false,
                'attr'=>[
                    'placeholder'=>'Entrez un nom'
                ]
            ])
            ->add( child: 'findContactByNumero', type: IntegerType::class,[
                'required'=>false,
                'label'=>false,
                'attr'=>[
                    'placeholder'=>'Entrez un numero'
                ]
            ])
        ;
    }
```

```php
     * @param ContactSearch $search
     * @return Query
     */
    public function findAllVisibleQuery(ContactSearch $search): Query
    {
        $query = $this->findVisibleQuery();

        if ($search->getFindContactByPrenom()){
            $query =$query
                ->andWhere('c.prenom = :findcontactprenom')
                ->setParameter( key: 'findcontactprenom',$search->getFindContactByPrenom());

        }
        if ($search->getFindContactByNom()){
        $query =$query
            ->andWhere('c.nom = :findcontactnom')
            ->setParameter( key: 'findcontactnom',$search->getFindContactByNom());

    }
        if ($search->getFindContactByNumero()){
        $query =$query
            ->andWhere('c.numero = :findcontactnumero')
            ->setParameter( key: 'findcontactnumero',$search->getFindContactByNumero());

    }
            return $query->getQuery();
    }
```