# Các phần trước tham khảo: Trong driver “ngoctran2841@gmail.com” 🡪 “Django & React Tutorial”

# Django & React Tutorial #3 - React Integration Using Webpack & Babel (24:25)

Runserver: python manage.py runserver

Run npm: npm run dev

music\_controller\frontend\webpack.config.js

  plugins: [

    new webpack.DefinePlugin({

      "process.env": {

        // This has effect on the react lib size

        NODE\_ENV: JSON.stringify("development"),

      },

    }),

music\_controller\music\_controller\settings.py

INSTALLED\_APPS = [

    'django.contrib.admin',

    'django.contrib.auth',

    'django.contrib.contenttypes',

    'django.contrib.sessions',

    'django.contrib.messages',

    'django.contrib.staticfiles',

    'api.apps.ApiConfig',

    'rest\_framework',

    'frontend.apps.FrontendConfig'

]

Tạo file: music\_controller\frontend\static\css\index.css

html,

body {

  height: 100%;

  margin: 0;

  padding: 0;

}

#main {

  position: fixed;

  width: 100%;

  height: 100%;

  left: 0;

  top: 0;

}

#app {

  width: 100%;

  height: 100%;

  display: flex;

}

music\_controller\frontend\src\components\App.js

render(<App name="tran"/>, appDiv);

music\_controller\frontend\src\components\HomePage.js

import React, { Component } from "react";

export default class HomePage extends Component{

    constructor(props){

        super(props);

    }

    render(){

        return <p>This is the home page</p>

    }

}

music\_controller\frontend\src\components\App.js

import HomePage from "./HomePage";

render() {

        return (

            <HomePage />

        )

    }

music\_controller\frontend\src\components\RoomJoinPage.js

import React, { Component } from "react";

export default class RoomJoinPage extends Component{

    constructor(props){

        super(props);

    }

    render(){

        return <p>This is the room join page</p>

    }

}

music\_controller\frontend\src\components\CreateFormPage.js

import React, { Component } from "react";

export default class CreateFormPage extends Component{

    constructor(props){

        super(props);

    }

    render(){

        return <p>This is create form page</p>

    }

}

music\_controller\frontend\src\components\App.js

import RoomJoinPage from "./RoomJoinPage";

import CreateFormPage from "./CreateFormPage";

        return (

            <div>

                <HomePage />

                <RoomJoinPage />

                <CreateFormPage />

            </div>

        )

music\_controller\frontend\src\components\HomePage.js

import RoomJoinPage from "./RoomJoinPage";

import CreateRoomPage from "./CreateRoomPage";

import { BrowserRouter } from "react-router-dom";

import { BrowserRouter as Router,

    Switch,

    Route,

    Link,

    Redirect } from "react-router-dom";

render(){

        return (

            <Router>

                <Switch>

                    <Route path="/"><p>This is the home page</p></Route>

                    <Route path="/join" component={RoomJoinPage} />

                    <Route path="/create" component={CreateRoomPage} />

                </Switch>

            </Router>

        )

    }

Ta phải set URL cho cả django và React

music\_controller\frontend\urls.py

urlpatterns = [

    path('', index),

    path('join', index),

    path('create', index)

]

                    <Route exact path="/"><p>This is the home page</p></Route>

Exact: gọi chính xác đến link này. Vì /join cũng có / ở trong link

# Django & React Tutorial #5 - Handling POST Requests (Django REST)

music\_controller\api\views.py

from rest\_framework import generics, status

from rest\_framework.views import APIView

from rest\_framework.response import Response

music\_controller\api\serializers.py

class CreateRoomSerializer(serializers.ModelSerializer):

    class Meta:

        model = Room

        fields = ('guest\_can\_pause', 'votes\_to\_skip')

music\_controller\api\views.py

from .serializers import RoomSerializer, CreateRoomSerializer

class CreateRoomView(APIView):

    serializer\_class = CreateRoomSerializer

    def post(self, request, format=None):

        pass

music\_controller\api\models.py

class Room(models.Model):

    code = models.CharField(

        max\_length=8, default=generate\_unique\_code, unique=True)