import { Component } from '@angular/core';

import { FileSelectDirective, FileUploader,FileUploadModule, FileItem} from 'ng2-file-upload';

import { FileService } from './file.service';

import {saveAs} from 'file-saver';

const \_url = 'http://localhost:3000/file/upload';

@Component({

selector: 'my-app',

templateUrl: './app.component.html',

styleUrls: ['./app.component.css'],

providers:[FileService]

})

export class AppComponent {

uploader:FileUploader = new FileUploader({url:\_url});

attachmentList:any = [];

toUpload:any;

constructor(private \_fileService:FileService){

this.uploader.onCompleteItem = (item:any, response:any , status:any, headers:any) => {

this.attachmentList.push(JSON.parse(response));

}

}

download(index){

var filename = this.attachmentList[index].uploadname;

this.\_fileService.downloadFile(filename)

.subscribe(

data => saveAs(data, filename),

error => console.error(error)

);

}

upload(i:FileItem)

{

if(! (i.\_file.size > 1000000))

this.uploader.uploadItem(i);

}

remove(item:FileItem){

this.uploader.removeFromQueue(item);

}

}

var express = require('express');

var \_router = express.Router();

var multer = require('multer');

var path = require('path');

var store = multer.diskStorage({

destination:function(req,file,cb){

cb(null, './UploadedFiles');

},

filename:function(req,file,cb){

cb(null, file.originalname);

}

});

var upload = multer ({storage:store}).single('file');

\_router.post('/upload',function(req,res,next){

upload(req,res,function(err){

if(err){

return res.status(501).json({error:err});

}

console.log('File Size =>',req.file.size);

return res.json({originalname:req.file.originalname, uploadname:req.file.filename});

});

});

\_router.post('/download', function(req,res,next){

filepath = path.join(\_\_dirname,'../UploadedFiles') +'/'+ req.body.filename;

res.sendFile(filepath);

});

module.exports = \_router;

{

"name": "file-upload-download",

"version": "1.0.0",

"private": true,

"scripts": {

"start": "nodemon ./bin/www",

"build": "del-cli public/js/app && webpack --config webpack.config.dev.js --progress --profile --watch",

"build:prod": "del-cli public/js/app && ngc -p tsconfig.aot.json && ngc -p tsconfig.aot.json && webpack --config webpack.config.prod.js --progress --profile --bail && del-cli 'assets/app/\*\*/\*.js' 'assets/app/\*\*/\*.ngsummary.json' 'assets/app/\*\*/\*.ngstyle.\*'"

},

"dependencies": {

"@angular/animations": "^5.0.0",

"@angular/common": "^5.0.0",

"@angular/compiler": "^5.0.0",

"@angular/compiler-cli": "^5.0.0",

"@angular/core": "^5.0.0",

"@angular/forms": "^5.0.0",

"@angular/http": "^5.0.0",

"@angular/platform-browser": "^5.0.0",

"@angular/platform-browser-dynamic": "^5.0.0",

"@angular/platform-server": "^5.0.0",

"@angular/router": "^5.0.0",

"@angular/upgrade": "^5.0.0",

"body-parser": "~1.15.2",

"cookie-parser": "~1.4.3",

"core-js": "^2.4.1",

"debug": "~2.2.0",

"express": "~4.14.0",

"file-saver": "^1.3.8",

"hbs": "~3.1.0",

"morgan": "~1.6.1",

"multer": "^1.3.0",

"ng2-file-upload": "^1.3.0",

"reflect-metadata": "^0.1.3",

"rxjs": "^5.5.0",

"serve-favicon": "~2.3.0",

"zone.js": "^0.8.5"

},

"devDependencies": {

"@ngtools/webpack": "^1.8.0",

"@types/core-js": "0.9.36",

"@types/node": "^6.0.45",

"angular-router-loader": "^0.5.0",

"angular2-template-loader": "^0.5.0",

"awesome-typescript-loader": "^3.1.2",

"del-cli": "^0.2.0",

"html-loader": "^0.4.4",

"raw-loader": "^0.5.1",

"ts-loader": "^2.0.3",

"typescript": "^2.4.2",

"webpack": "^2.2.1",

"webpack-merge": "^4.1.0"

}

}