package com.api.sportyShoes.controller;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.http.HttpStatus;

import org.springframework.http.ResponseEntity;

import org.springframework.util.LinkedMultiValueMap;

import org.springframework.util.MultiValueMap;

import org.springframework.web.bind.annotation.DeleteMapping;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.PathVariable;

import org.springframework.web.bind.annotation.PostMapping;

import org.springframework.web.bind.annotation.PutMapping;

import org.springframework.web.bind.annotation.RequestBody;

import org.springframework.web.bind.annotation.RestController;

import com.api.sportyShoes.exceptionHandler.BusinessException;

import com.api.sportyShoes.model.PurchaseReport;

import com.api.sportyShoes.model.Shoe;

import com.api.sportyShoes.service.SportyShoesService;

@RestController

public class CRUDController {

@Autowired

private SportyShoesService service;

private MultiValueMap<String, String> errorMap;

/\*\*

\* Shoe post request controller

\*

\* @param shoe

\* @return ResponseEntity<Shoe> with newly created Shoe

\*/

@PostMapping("/admin/shoe")

public ResponseEntity<Shoe> createShoe(@RequestBody Shoe shoe) {

try {

return new ResponseEntity<>(service.createShoe(shoe), HttpStatus.OK);

} catch (BusinessException e) {

errorMap = new LinkedMultiValueMap<>();

errorMap.add("errorMessage:", e.getMessage());

return new ResponseEntity<>(null, errorMap, HttpStatus.BAD\_REQUEST);

}

}

/\*\*

\* Shoe get request controller

\*

\* @param id

\* @return ResponseEntity<Shoe> with the given id

\*/

@GetMapping("/admin/shoe/{id}")

public ResponseEntity<Shoe> getShoeById(@PathVariable int id) {

try {

return new ResponseEntity<>(service.getShoeById(id), HttpStatus.OK);

} catch (BusinessException e) {

errorMap = new LinkedMultiValueMap<>();

errorMap.add("errorMessage:", e.getMessage());

return new ResponseEntity<>(null, errorMap, HttpStatus.NOT\_FOUND);

}

}

/\*\*

\* Shoe put(update) request controller

\*

\* @param shoe

\* @return ResponseEntity<Shoe> with updated shoe

\*/

@PutMapping("/admin/shoe")

public ResponseEntity<Shoe> updateShoe(@RequestBody Shoe shoe) {

return new ResponseEntity<>(service.updateShoe(shoe), HttpStatus.OK);

}

/\*\*

\* Shoe delete request controller

\*

\* @param id

\* @return ResponseEntity<String> containing the status of delete operation

\*/

@DeleteMapping("/admin/shoe/{id}")

public ResponseEntity<String> deleteShoeById(@PathVariable int id) {

try {

service.deleteShoeById(id);

return new ResponseEntity<>("Succesfully deleted shoe with id: " + id, HttpStatus.OK);

} catch (BusinessException e) {

errorMap = new LinkedMultiValueMap<>();

errorMap.add("errorMessage:", e.getMessage());

return new ResponseEntity<>(e.getMessage(), errorMap, HttpStatus.BAD\_REQUEST);

}

}

/\*\*

\* Purchase Report post request controller

\*

\* @param pr - Purchase Report

\* @return ResponseEntity<PurchaseReport> with newly created Purchase Report

\*/

@PostMapping("/admin/purchaseReport")

public ResponseEntity<PurchaseReport> createPurchaseReport(@RequestBody PurchaseReport pr) {

try {

return new ResponseEntity<>(service.createPurchaseReport(pr), HttpStatus.OK);

} catch (BusinessException e) {

errorMap = new LinkedMultiValueMap<>();

errorMap.add("errorMessage:", e.getMessage());

return new ResponseEntity<>(null, errorMap, HttpStatus.BAD\_REQUEST);

}

}

/\*\*

\* Purchase Report get request controller

\*

\* @param id

\* @return ResponseEntity<PurchaseReport> with given id

\*/

@GetMapping("/admin/purchaseReport/id/{id}")

public ResponseEntity<PurchaseReport> getPurchaseReportById(@PathVariable int id) {

try {

return new ResponseEntity<>(service.getPurchaseReportById(id), HttpStatus.OK);

} catch (BusinessException e) {

errorMap = new LinkedMultiValueMap<>();

errorMap.add("errorMessage:", e.getMessage());

return new ResponseEntity<>(null, errorMap, HttpStatus.NOT\_FOUND);

}

}

/\*\*

\* Purchase Report put(update) request controller

\*

\* @param pr

\* @return ResponseEntity<PurchaseReport> containing updated Purchase Report

\*/

@PutMapping("/admin/purchaseReport")

public ResponseEntity<PurchaseReport> updatePurchaseReport(@RequestBody PurchaseReport pr) {

return new ResponseEntity<>(service.updatePurchaseReport(pr), HttpStatus.OK);

}

/\*\*

\* Purchase Report delete request controller

\*

\* @param id

\* @return ResponseEntity<String> containing the status of delete request.

\*/

@DeleteMapping("/admin/purchaseReport/{id}")

public ResponseEntity<String> deletePurchaseReportById(@PathVariable int id) {

try {

service.deletePurchaseReportById(id);

return new ResponseEntity<>("Succesfully deleted Purchase Report with id: " + id, HttpStatus.OK);

} catch (BusinessException e) {

errorMap = new LinkedMultiValueMap<>();

errorMap.add("errorMessage:", e.getMessage());

return new ResponseEntity<>(e.getMessage(), errorMap, HttpStatus.BAD\_REQUEST);

}

}

}