package com.larchsoft.sgeiSoftwareClient.api\_admission\_list;

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

import org.springframework.stereotype.Controller;

import org.springframework.ui.Model;

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

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

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

import com.larchsoft.sgeiSoftwareClient.api\_components.ApiResponse;

import jakarta.servlet.http.Cookie;

import jakarta.servlet.http.HttpServletRequest;

@Controller

@RequestMapping("/filter")

public class AdmissionListCourseWiseController {

@Autowired

private AdmissionListCourseWiseApiCallbackComponent admissionListCourseWiseApiCallbackComponent;

// /filter/admission-list-course-wise?acYr=

@GetMapping("/admission-list-course-wise")

public String index(@RequestParam(name = "acYr") String acYr, Model model, HttpServletRequest request) {

// Get cookies from the request

Cookie[] cookies = request.getCookies();

// API URL

String apiEndpoint = "/api/v2/admission-list-course-wise?acYr=" + acYr;

// Make the API call

ApiResponse<AdmissionListCourseWiseDto[]> collegeDataResponse = admissionListCourseWiseApiCallbackComponent.callApiWithCookies(apiEndpoint, cookies);

// Check if the response is successful

if (collegeDataResponse.getData() != null) {

// If successful, add the data to the model

model.addAttribute("collegeListData", collegeDataResponse.getData());

} else {

// If there's an error, add the error message to the model

model.addAttribute("errorMessage", collegeDataResponse.getMessage());

}

return "student\_admissions\_list/admission\_list\_course\_wise";

}

}

////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////

package com.larchsoft.sgeiSoftwareClient.api\_admission\_list;

import org.springframework.http.HttpEntity;

import org.springframework.http.HttpHeaders;

import org.springframework.http.HttpMethod;

import org.springframework.http.ResponseEntity;

import org.springframework.stereotype.Component;

import org.springframework.web.client.RestTemplate;

import com.larchsoft.sgeiSoftwareClient.api\_components.ApiResponse;

import jakarta.servlet.http.Cookie;

import jakarta.servlet.http.HttpServletRequest;

@Component("admissionListCourseWiseApiCallbackComponent")

public class AdmissionListCourseWiseApiCallbackComponent {

private final RestTemplate restTemplate;

private final HttpServletRequest request;

public AdmissionListCourseWiseApiCallbackComponent(RestTemplate restTemplate, HttpServletRequest request) {

this.restTemplate = restTemplate;

this.request = request;

}

public ApiResponse<AdmissionListCourseWiseDto[]> callApiWithCookies(String apiEndpoint, Cookie[] cookies) {

if (cookies != null) {

HttpHeaders headers = new HttpHeaders();

for (Cookie cookie : cookies) {

headers.add(HttpHeaders.COOKIE, cookie.getName() + "=" + cookie.getValue());

}

HttpEntity<?> requestEntity = new HttpEntity<>(headers);

// Get base URL from HttpServletRequest

String baseUrl = request.getRequestURL().toString().replace(request.getRequestURI(), "");

// Construct full API URL

String apiUrl = baseUrl + apiEndpoint;

ResponseEntity<AdmissionListCourseWiseDto[]> responseEntity = restTemplate.exchange(

apiUrl,

HttpMethod.GET,

requestEntity,

AdmissionListCourseWiseDto[].class

);

if (responseEntity.getStatusCode().is2xxSuccessful()) {

// If API call was successful, return the data

return new ApiResponse<>(responseEntity.getBody(), "Success");

} else {

// If API call failed, return an error response

return new ApiResponse<>(null, "Failed to fetch data from the API: " + responseEntity.getStatusCode());

}

} else {

// Handle case where no cookies are present

return new ApiResponse<>(null, "No cookies found in the request.");

}

}

}

///////////////////////////////////////////////////////////////////////////////////////////////////////

package com.larchsoft.sgeiSoftwareClient.api\_common;

public class ApiResponse<T> {

private T data;

private String message;

public ApiResponse() {

super();

}

public ApiResponse(T data, String message) {

super();

this.data = data;

this.message = message;

}

public T getData() {

return data;

}

public void setData(T data) {

this.data = data;

}

public String getMessage() {

return message;

}

public void setMessage(String message) {

this.message = message;

}

}