```
using Meditech.App.Crm.Services;
using Meditech.App.Crm.ViewModels;
using Meditech.Core.Auth.Entities;
using Meditech.Lib.Share.CommonClass.Paging;
using Microsoft.AspNetCore.Authorization;
using Microsoft.AspNetCore.Mvc;
using Meditech.Core.Warehouse.ViewModels;

namespace Meditech.App.Crm.Controllers
{
    [ApiController]
    [Route("{culture:culture}/api/v{version:apiVersion}/[controller]")]
    [ApiVersion("1.0")]
    public class WareHouseController : ControllerBase
    {
        private readonly ILogger<WareHouseController> _logger;
        private readonly IWareHouseService _wareHouseService;
        public WareHouseController(ILogger<WareHouseController> logger,
                               IWareHouseService wareHouseService)
        {
            _logger = logger;
            _wareHouseService = wareHouseService;
        }

        [HttpPost]
        [Route("search-grid")]
        public IActionResult Search(PaginationQueryModel<SearchWareHouseQueryData> model)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _wareHouseService.Search(model, requestUser.Id);
                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"getAllWareHouseByUserId error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }

        [HttpGet]
        [Route("detail")]
        public IActionResult Detail(Guid Id)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _wareHouseService.Detail(Id);
                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"getAllWareHouseByUserId error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }

        [HttpGet]
        [Route("service")]
        public IActionResult GetServiceById(Guid Id)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _wareHouseService.GetServiceById(Id);
                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"GetServiceById error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }

        [HttpPost]
        [Route("kham-suc-khoe")]
        public async Task<IActionResult> SyncHISTbKqKhamSucKhoeAsync([FromBody] SyncHISTbKqKhamSucKhoeViewModel model)
        {
            try
            {
                var data = await _wareHouseService.SyncHISTbKqKhamSucKhoeAsync(model);

                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"SyncHISTbKqKhamSucKhoe error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }
        [HttpPost]
        [Route("kham-suc-khoe-doan")]
        public async Task<IActionResult> SyncHISTbKqKhamSucKhoeDoanAsync([FromBody] List<SyncHISTbKqKhamSucKhoeViewModel> model)
        {
            try
            {
                var data = await _wareHouseService.SyncHISTbKqKhamSucKhoeDoanAsync(model);

                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"SyncHISTbKqKhamSucKhoeDoan error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }
        [HttpPost]
        [Route("benh-nhan-dang-ky")]
        public async Task<IActionResult> SyncHISBenhNhanDangKy([FromBody] TbBenhNhanViewModel model)
        {
            try
            {
                var data = await _wareHouseService.SyncHISBenhNhanDangKyAsync(model);

                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"SyncHISBenhNhanDangKy error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }
        [HttpPost]
        [Route("benh-nhan-ra-vien")]
        public async Task<IActionResult> SyncHISBenhNhanRaVien([FromBody] TbBenhNhanViewModel model)
        {
            try
            {
                var data = await _wareHouseService.SyncHISBenhNhanRaVienAsync(model);
                if (data.IsOk == false) return StatusCode(600, data.Description);
                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"SyncHISBenhNhanRaVien error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }
    }
}
```