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

namespace Meditech.App.Crm.Controllers
{
    [MediAuthorize]
    [ApiController]
    [Route("{culture:culture}/api/v{version:apiVersion}/{controller}")]
    [ApiVersion("1.0")]
    public class MobileController : ControllerBase
    {
        private readonly ILogger<MobileController> _logger;
        private readonly IMobileService _mobileService;
        private readonly IMediaService _mediaService;
        public MobileController(ILogger<MobileController> logger,
                                IMobileService mobileService,
                                IMediaService mediaService)
        {
            _logger = logger;
            _mobileService = mobileService;
            _mediaService = mediaService;
        }

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

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

        [HttpPut]
        [Route("user/profile")]
        public IActionResult UpdateUserProfile(UpdateProfile model)
        {
            try

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    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _mobileService.UpdateUserProfile(requestUser.Id, model);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"GetUserProfile error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

//Customer
[HttpGet]
[Route("customer/get-all")]
public IActionResult GetAllCustomer()
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _mobileService.GetAllCustomer(requestUser.Id);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"GetAllCustomer error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

[HttpGet]
[Route("customer/get-by-id")]
public IActionResult GetCustomerById(Guid id)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _mobileService.GetCustomerById(id, requestUser.Id);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"GetAllCustomer error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

[HttpPost]
[Route("customer")]
public IActionResult AddNewCustomer([FromBody]CustomerViewModel model)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _mobileService.AddNewCustomer(model, requestUser.Id);
        if (data.IsOk) return Ok(new { Data = data });
        return StatusCode(600, data);
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"AddNewCustomer error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

[HttpPost]
[Route("customer/async")]
public IActionResult AsyncUpdateCustomer([FromBody] AsyncCustomerViewModel model)
{
    try

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    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _mobileService.AsyncUpdateCustomer(model, requestUser.Id);
        if (data.IsOk) return Ok(new { Data = data });
        return StatusCode(600, data);
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"AsyncUpdateCustomer error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

[HttpPut]
[Route("customer")]
public IActionResult UpdateCustomer([FromBody] UpdateCustomerViewModel model)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _mobileService.UpdateCustomer(model, requestUser.Id);
        if (data.IsOk) return Ok(new { Data = data });
        return StatusCode(600, data);
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"UpdateCustomer error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

[HttpDelete]
[Route("customer")]
public IActionResult DeleteCustomer(Guid id)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _mobileService.DeleteCustomer(id, requestUser.Id);
        if (data.IsOk) return Ok();
        return StatusCode(600, data);
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"DeleteCustomer error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

[HttpPost]
[Route("customer/check-the")]
public async Task<IActionResult> CheckTheAsync([FromBody] CheckTheViewModel model)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = await _mobileService.CheckThe(model, requestUser.Id);
        if (data.IsOk == false)
        {
            return StatusCode(600, data);
        }
        return Ok(new { Data = data.Data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"CheckTheAsync error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

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

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

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

[HttpPost]
[Route("hospital/doctor-by-hospital")]
public IActionResult getAllDoctorByHospital(PaginationQueryModel<SearchDoctorByHospital> query)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _mobileService.getAllDoctorByHospital(query, requestUser.Id);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"getAllDoctorByHospital error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

//Doctor
[HttpGet]

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[Route("doctor/get-all")]
public IActionResult getAllDoctor()
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _mobileService.getAllDoctor(requestUser.Id);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"getAllDoctor error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

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

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

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

[HttpPost]
[Route("doctor/review")]
public IActionResult DoctorRatingSubmit(DoctorRatingSubmitViewModel model)

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{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _mobileService.doctorRatingSubmit(model, requestUser.Id);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"AddNewDoctorReview error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

//Blog
[HttpGet]
[Route("blog/get-all")]
public IActionResult getAllBlog()
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _mobileService.getAllBlog();
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"getAllDoctor error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

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

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

[HttpPost]
[Route("favorite/up-sert")]
public IActionResult UpSertFavorite(UpSertFavoriteViewModel model)
{

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    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _mobileService.UpSertFavorite(model, requestUser.Id);
        if (data.IsOk) return Ok(new { Data = data });
        return StatusCode(600, data);
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"UpSertFavorite error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

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

[HttpGet]
[Route("HomeServiceCate/get-by-id")]
public IActionResult GetHomeSerViceById(Guid id)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _mobileService.getHomeServiceById(id, requestUser.Id);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"GetHomeSerViceById error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

[HttpPost]
[Route("upload")]
public async Task<IActionResult> UploadFile(IFormFile fileUpload)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = await _mediaService.UploadFile(new MediaViewModel
        {
            FileUpload = fileUpload,
            NameFolder = ""
        });
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"UploadFile error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

```

}

}