```csharp
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 Microsoft.AspNetCore.Mvc;

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

        #region "Đoàn khám"
        [HttpPost]
        [Route("doan-kham-suc-khoe/search-grid-doan-kham")]
        [MediAuthorize(new[] { Lib.Share.PermitValue.Read, Lib.Share.PermitValue.ReadAll }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
        public IActionResult GetAllDoanKhamSucKhoe(SearchThietLap model)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _doanKhamSucKhoeService.GetAllDoanKhamSucKhoe(model);
                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"GetAllDoanKhamSucKhoe error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }

        [HttpGet]
        [Route("doan-kham-suc-khoe/get-doan-kham")]
        [MediAuthorize(new[] { Lib.Share.PermitValue.Read, }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
        public IActionResult GetDoanKhamSucKhoe(Guid id)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _doanKhamSucKhoeService.GetDoanKhamSucKhoe(id);
                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"GetDoanKhamSucKhoe error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }

        [HttpPut]
        [Route("doan-kham-suc-khoe/upsert-doan-kham")]
        [MediAuthorize(new[] { Lib.Share.PermitValue.Update, Lib.Share.PermitValue.Create }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
        public IActionResult UpsertDoanKhamSucKhoe(DoanKhamSucKhoeViewModel model)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _doanKhamSucKhoeService.UpsertDoanKhamSucKhoe(model, requestUser.Id);
                if (data.IsOk) return Ok(new { Data = data });
                return StatusCode(600, data);
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"UpsertDoanKhamSucKhoe error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }

        [HttpDelete]
        [Route("doan-kham-suc-khoe/delete-doan-kham")]
        [MediAuthorize(new[] { Lib.Share.PermitValue.Delete }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
        public IActionResult DeleteDoanKhamSucKhoe(Guid Id)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _doanKhamSucKhoeService.DeleteDoanKhamSucKhoe(Id);
```

```csharp
                if (data.IsOk) return Ok(new { Data = data });
                return StatusCode(600, data);
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"DeleteDoanKhamSucKhoe error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }
        #endregion

        #region "Phương án kinh doanh"
        [HttpPost]
        [Route("doan-kham-suc-khoe/search-grid-phuong-an-kinh-doanh")]
        [MediAuthorize(new[] { Lib.Share.PermitValue.Read, Lib.Share.PermitValue.ReadAll }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]

        public IActionResult GetAllPhuongAnKinhDoanhKsk(SearchThietLap model)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _doanKhamSucKhoeService.GetAllPhuongAnKinhDoanhKsk(model);
                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"GetAllPhuongAnKinhDoanhKsk error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }
        [HttpPut]
        [Route("doan-kham-suc-khoe/upsert-phuong-an-kinh-doanh")]
        [MediAuthorize(new[] { Lib.Share.PermitValue.Update, Lib.Share.PermitValue.Create }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
        public IActionResult UpsertPhuongAnKinhDoanh(PhuongAnKinhDoanhKskViewModel model)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _doanKhamSucKhoeService.UpsertPhuongAnKinhDoanh(model, requestUser.Id);
                if (data.IsOk) return Ok(new { Data = data });
                return StatusCode(600, data);
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"UpsertPhuongAnKinhDoanh error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }

        [HttpGet]
        [Route("doan-kham-suc-khoe/get-phuong-an-kinh-doanh")]
        [MediAuthorize(new[] { Lib.Share.PermitValue.Read, }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
        public IActionResult GetPhuongAnKinhDoanhKsk(Guid id)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _doanKhamSucKhoeService.GetPhuongAnKinhDoanhKsk(id);
                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"GetPhuongAnKinhDoanhKsk error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }


        [HttpDelete]
        [Route("doan-kham-suc-khoe/delete-phuong-an-kinh-doanh")]
        [MediAuthorize(new[] { Lib.Share.PermitValue.Delete }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
        public IActionResult DeletePhuongAnKinhDoanh(Guid id)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _doanKhamSucKhoeService.DeletePhuongAnKinhDoanh(id, requestUser.Id);
                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"DeletePhuongAnKinhDoanh error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }

        #endregion

        #region "Phương án chi tiết"

        [HttpGet]
        [Route("doan-kham-suc-khoe/get-phuong-an-kinh-doanh-chi-tiet")]
        //[MediAuthorize(new[] { Lib.Share.PermitValue.Read, Lib.Share.PermitValue.ReadAll }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
```

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

[HttpPut]
[Route("doan-kham-suc-khoe/upsert-phuong-an-kinh-doanh-chi-tiet")]
//[MediAuthorize(new[] { Lib.Share.PermitValue.Update, Lib.Share.PermitValue.Create }, Lib.Share.ActionPermit.Crm_KhamSucKhoeDoan)]
public IActionResult UpsertPhuongAnKinhDoanhKskChiTiet(PhuongAnKinhDoanhKskChiTietViewModel model)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.UpsertPhuongAnKinhDoanhKskChiTiet(model, requestUser.Id);
        if (data.IsOk) return Ok(new { Data = data });
        return StatusCode(600, data);
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"UpsertPhuongAnKinhDoanhKskChiTiet error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

[HttpDelete]
[Route("doan-kham-suc-khoe/delete-phuong-an-kinh-doanh-chi-tiet")]
//[MediAuthorize(new[] { Lib.Share.PermitValue.Update, Lib.Share.PermitValue.Create }, Lib.Share.ActionPermit.Crm_KhamSucKhoeDoan)]
public IActionResult DeletePhuongAnKinhDoanhChiTiet(Guid Id)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.DeletePhuongAnKinhDoanhChiTiet( Id);
        if (data.IsOk) return Ok(new { Data = data });
        return StatusCode(600, data);
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"DeletePhuongAnKinhDoanhChiTiet error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

#endregion

#region "Đơn hàng"

[HttpPost]
[Route("doan-kham-suc-khoe/search-grid-don-hang-ksk")]
[MediAuthorize(new[] { Lib.Share.PermitValue.Read, Lib.Share.PermitValue.ReadAll }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
public IActionResult GetAllDonHangKhamSucKhoe(SearchThietLap model)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.GetAllDonHangKhamSucKhoe(model);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"GetAllDonHangKhamSucKhoe error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

[HttpGet]
[Route("doan-kham-suc-khoe/get-don-hang-ksk")]
[MediAuthorize(new[] { Lib.Share.PermitValue.Read, Lib.Share.PermitValue.ReadAll }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
public IActionResult GetDonHangKhamSucKhoe(Guid DonHangId)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.GetDonHangKhamSucKhoe(DonHangId);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"GetDonHangKhamSucKhoe error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}
```

```csharp
[HttpPut]
[Route("doan-kham-suc-khoe/upsert-don-hang-ksk")]
[MediAuthorize(new[] { Lib.Share.PermitValue.Update, Lib.Share.PermitValue.Create }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
public IActionResult UpsertDonHangKhamSucKhoe(DonHangKhamSucKhoeViewModel model)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.UpsertDonHangKhamSucKhoe(model, requestUser.Id);
        if (data.IsOk) return Ok(new { Data = data });
        return StatusCode(600, data);
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"UpsertDonHangKhamSucKhoe error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}


[HttpGet]
[Route("doan-kham-suc-khoe/update-don-hang-ksk")]
[MediAuthorize(new[] { Lib.Share.PermitValue.Update }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
public IActionResult UpdateDonHangKhamSucKhoe(Guid DonHangId, int TrangThai)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.UpdateDonHangKhamSucKhoe(DonHangId, TrangThai);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"UpdateDonHangKhamSucKhoe error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}


[HttpDelete]
[Route("doan-kham-suc-khoe/delete-don-hang")]
[MediAuthorize(new[] { Lib.Share.PermitValue.Delete }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
public IActionResult DeleteDonHangKhamSucKhoe(Guid id)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.DeleteDonHangKhamSucKhoe(id, requestUser.Id);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"DeleteDonHangKhamSucKhoe error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}


[HttpGet]
[Route("doan-kham-suc-khoe/get-don-hang-ksk-khac")]
[MediAuthorize(new[] { Lib.Share.PermitValue.Read, Lib.Share.PermitValue.ReadAll }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
public IActionResult GetAllDonHangKhamSucKhoeKhac(Guid DonHangId,int Loai)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.GetAllDonHangKhamSucKhoeKhac(DonHangId, Loai);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"GetAllDonHangKhamSucKhoeKhac error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

[HttpPut]
[Route("doan-kham-suc-khoe/upsert-don-hang-ksk-khac")]
[MediAuthorize(new[] { Lib.Share.PermitValue.Update, Lib.Share.PermitValue.Create }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
public IActionResult UpsertDonHangKhamSucKhoeKhac(DonHangKhamSucKhoeKhacViewModel model)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.UpsertDonHangKhamSucKhoeKhac(model, requestUser.Id);
        if (data.IsOk) return Ok(new { Data = data });
        return StatusCode(600, data);
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"UpsertDonHangKhamSucKhoeKhac error. ");
```

```csharp
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
        }
    }

    [HttpDelete]
    [Route("doan-kham-suc-khoe/delete-don-hang-khac")]
    [MediAuthorize(new[] { Lib.Share.PermitValue.Delete }, Lib.Share.ActionPermit.Crm_PhuongAnKinhDoanhKsk)]
    public IActionResult DeleteDonHangKhamSucKhoeKhac(Guid id)
    {
        try
        {
            var requestUser = (BaseUser)Request.HttpContext.Items["User"];
            if (requestUser == null) return Forbid();
            var data = _doanKhamSucKhoeService.DeleteDonHangKhamSucKhoeKhac(id);
            return Ok(new { Data = data });
        }
        catch (Exception ex)
        {
            _logger.LogError(ex, $"DeleteDonHangKhamSucKhoe error. ");
            return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
        }
    }
}
#endregion

#region "Thanh lý hợp đồng"

[HttpPost]
[Route("doan-kham-suc-khoe/search-grid-thanh-ly-hop-dong")]
[MediAuthorize(new[] { Lib.Share.PermitValue.Read, Lib.Share.PermitValue.ReadAll }, Lib.Share.ActionPermit.Crm_ThanhToanKskDoan)]
public IActionResult GetAllThanhLyHopDongKsk(SearchThietLap model)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.GetAllThanhLyHopDongKsk(model);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"GetAllThanhLyHopDongKsk error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

[HttpGet]
[Route("doan-kham-suc-khoe/get-thanh-ly-hop-dong")]
[MediAuthorize(new[] { Lib.Share.PermitValue.Read }, Lib.Share.ActionPermit.Crm_ThanhToanKskDoan)]
public IActionResult GetThanhLyHopDongKsk(Guid ThanhLyId)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.GetThanhLyHopDongKsk(ThanhLyId);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"GetThanhLyHopDongKsk error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

[HttpPut]
[Route("doan-kham-suc-khoe/upsert-thanh-ly-hop-dong")]
[MediAuthorize(new[] { Lib.Share.PermitValue.Update, Lib.Share.PermitValue.Create }, Lib.Share.ActionPermit.Crm_ThanhToanKskDoan)]
public IActionResult UpsertThanhLyHopDongKsk(ThanhLyHopDongKskViewModel model)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.UpsertThanhLyHopDongKsk(model, requestUser.Id);
        if (data.IsOk) return Ok(new { Data = data });
        return StatusCode(600, data);
    }
    catch (Exception ex)
    {
        _logger.LogError(ex, $"UpsertThanhLyHopDongKsk error. ");
        return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
    }
}

[HttpGet]
[Route("doan-kham-suc-khoe/get-thanh-ly-hop-dong-chi-tiet")]
public IActionResult GetThanhLyHopDongKskChiTiet(Guid ThanhLyId)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.GetThanhLyHopDongKskChiTiet(ThanhLyId);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
```

```csharp
            _logger.LogError(ex, $"GetThanhLyHopDongKskChiTiet error. ");
            return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
        }
    }

    [HttpDelete]
    [Route("doan-kham-suc-khoe/delete-thanh-ly")]
    [MediAuthorize(new[] { Lib.Share.PermitValue.Delete }, Lib.Share.ActionPermit.Crm_ThanhToanKskDoan)]
    public IActionResult DeleteThanhLyHopDongKsk(Guid id)
    {
        try
        {
            var requestUser = (BaseUser)Request.HttpContext.Items["User"];
            if (requestUser == null) return Forbid();
            var data = _doanKhamSucKhoeService.DeleteThanhLyHopDongKsk(id, requestUser.Id);
            return Ok(new { Data = data });
        }
        catch (Exception ex)
        {
            _logger.LogError(ex, $"DeleteThanhLyHopDongKsk error. ");
            return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
        }
    }


    //Chi tiết
    [HttpGet]
    [Route("doan-kham-suc-khoe/get-thanh-ly-chi-tiet-khac")]
    public IActionResult GetAllThanhLyHopDongKskChiTietKhac(Guid ThanhLyId)
    {
        try
        {
            var requestUser = (BaseUser)Request.HttpContext.Items["User"];
            if (requestUser == null) return Forbid();
            var data = _doanKhamSucKhoeService.GetAllThanhLyHopDongKskChiTietKhac(ThanhLyId);
            return Ok(new { Data = data });
        }
        catch (Exception ex)
        {
            _logger.LogError(ex, $"GetAllThanhLyHopDongKskChiTietKhac error. ");
            return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
        }
    }

    [HttpPost]
    [Route("doan-kham-suc-khoe/upsert-thanh-ly-chi-tiet-khac")]
    public IActionResult UpsertThanhLyHopDongKskChiTietKhac(ThanhLyHopDongKskChiTietKhacViewModel model)
    {
        try
        {
            var requestUser = (BaseUser)Request.HttpContext.Items["User"];
            if (requestUser == null) return Forbid();
            var data = _doanKhamSucKhoeService.UpsertThanhLyHopDongKskChiTietKhac(model, requestUser.Id);
            return Ok(new { Data = data });
        }
        catch (Exception ex)
        {
            _logger.LogError(ex, $"UpsertThanhLyHopDongKskChiTietKhac error. ");
            return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
        }
    }

    [HttpDelete]
    [Route("doan-kham-suc-khoe/delete-thanh-ly-chi-tiet-khac")]
    public IActionResult DeleteThanhLyHopDongKskChiTietKhac(Guid Id)
    {
        try
        {
            var requestUser = (BaseUser)Request.HttpContext.Items["User"];
            if (requestUser == null) return Forbid();
            var data = _doanKhamSucKhoeService.DeleteThanhLyHopDongKskChiTietKhac(Id);
            return Ok(new { Data = data });
        }
        catch (Exception ex)
        {
            _logger.LogError(ex, $"DeleteThanhLyHopDongKskChiTietKhac error. ");
            return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
        }
    }
}
#endregion

#region "Thu tiền"

[HttpPost]
[Route("doan-kham-suc-khoe/search-grid-thu-tien")]
[MediAuthorize(new[] { Lib.Share.PermitValue.Read, Lib.Share.PermitValue.ReadAll }, Lib.Share.ActionPermit.Crm_ThanhToanKskDoan)]
public IActionResult GetAllThuTien(SearchThietLap model)
{
    try
    {
        var requestUser = (BaseUser)Request.HttpContext.Items["User"];
        if (requestUser == null) return Forbid();
        var data = _doanKhamSucKhoeService.GetAllThuTien(model);
        return Ok(new { Data = data });
    }
    catch (Exception ex)
    {
```

```csharp
                _logger.LogError(ex, $"GetAllThuTien error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }

        [HttpPut]
        [Route("doan-kham-suc-khoe/upsert-thu-tien")]
        [MediAuthorize(new[] { Lib.Share.PermitValue.Update, Lib.Share.PermitValue.Create }, Lib.Share.ActionPermit.Crm_ThanhToanKskDoan)]
        public IActionResult UpsertThuTien(ThuTienViewModel model)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _doanKhamSucKhoeService.UpsertThuTien(model, requestUser.Id);
                if (data.IsOk) return Ok(new { Data = data });
                return StatusCode(600, data);
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"UpsertPhuongAnKinhDoanh error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }

        [HttpGet]
        [Route("doan-kham-suc-khoe/get-thu-tien")]
        [MediAuthorize(new[] { Lib.Share.PermitValue.Read, }, Lib.Share.ActionPermit.Crm_ThanhToanKskDoan)]
        public IActionResult GetThuTien(Guid id)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _doanKhamSucKhoeService.GetThuTien(id);
                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"GetThuTien error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }

        [HttpDelete]
        [Route("doan-kham-suc-khoe/delete-thu-tien")]
        [MediAuthorize(new[] { Lib.Share.PermitValue.Delete }, Lib.Share.ActionPermit.Crm_ThanhToanKskDoan)]
        public IActionResult DeleteThuTien(Guid id)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _doanKhamSucKhoeService.DeleteThuTien(id, requestUser.Id);
                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"DeleteThuTien error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }

        #endregion

        #region "Báo cáo"

        [HttpPost]
        [Route("doan-kham-suc-khoe/bao-cao-doanh-thu")]
        [MediAuthorize(new[] { Lib.Share.PermitValue.Read, Lib.Share.PermitValue.ReadAll }, Lib.Share.ActionPermit.Crm_ThanhToanKskDoan)]
        public IActionResult BaoCaoDoanhThu(SearchThietLap model)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _doanKhamSucKhoeService.BaoCaoDoanhThu(model);
                return Ok(new { Data = data });
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"BaoCaoDoanhThu error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }

        [HttpPost]
        [Route("doan-kham-suc-khoe/bao-cao-cong-no")]
        [MediAuthorize(new[] { Lib.Share.PermitValue.Read, Lib.Share.PermitValue.ReadAll }, Lib.Share.ActionPermit.Crm_ThanhToanKskDoan)]
        public IActionResult BaoCaoCongNo(SearchThietLap model)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = _doanKhamSucKhoeService.BaoCaoCongNo(model);
                return Ok(new { Data = data });
```

```csharp
                }
                catch (Exception ex)
                {
                    _logger.LogError(ex, $"BaoCaoCongNo error. ");
                    return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
                }
            }

        [HttpPost]
        [Route("doan-kham-suc-khoe/bao-cao-export-excel")]
        public async Task<IActionResult> ExportExcel(SearchThietLap model)
        {
            try
            {
                var requestUser = (BaseUser)Request.HttpContext.Items["User"];
                if (requestUser == null) return Forbid();
                var data = await _doanKhamSucKhoeService.ExportExcel(model);
                if (data.IsOk) return Ok(new { Data = data.Data });
                return StatusCode(600, "data");
            }
            catch (Exception ex)
            {
                _logger.LogError(ex, $"ExportExcel error. ");
                return StatusCode(600, $"Lỗi hệ thống. Error={ex.Message}");
            }
        }
    }
    #endregion
    }
}
```