**📄 AccChiTietGoiDichVu.cs (CS, 39 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccChiTietGoiDichVu

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaGoiDichVu { get; set; }

11 │

12 │ public Guid? MaCtphacDo { get; set; }

13 │

14 │ public Guid? MaDichVu { get; set; }

15 │

16 │ public int? SoLuong { get; set; }

17 │

18 │ public decimal? DonGia { get; set; }

19 │

20 │ public decimal? ThanhTien { get; set; }

21 │

22 │ public bool? DaSuDung { get; set; }

23 │

24 │ public DateTime? NgaySuDung { get; set; }

25 │

26 │ public Guid? UserCreated { get; set; }

27 │

28 │ public DateTime? CreatedDate { get; set; }

29 │

30 │ public Guid? UserModified { get; set; }

31 │

32 │ public DateTime? ModifiedDate { get; set; }

33 │

34 │ public bool? Deleted { get; set; }

35 │

36 │ public Guid? UserDeleted { get; set; }

37 │

38 │ public DateTime? DeletedDate { get; set; }

39 │ }

────────────────────────────────────────────────────────────

**📄 AccChiTietGoiDichVu.cs (CS, 39 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccChiTietGoiDichVu

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaGoiDichVu { get; set; }

11 │

12 │ public Guid? MaCtphacDo { get; set; }

13 │

14 │ public Guid? MaDichVu { get; set; }

15 │

16 │ public int? SoLuong { get; set; }

17 │

18 │ public decimal? DonGia { get; set; }

19 │

20 │ public decimal? ThanhTien { get; set; }

21 │

22 │ public bool? DaSuDung { get; set; }

23 │

24 │ public DateTime? NgaySuDung { get; set; }

25 │

26 │ public Guid? UserCreated { get; set; }

27 │

28 │ public DateTime? CreatedDate { get; set; }

29 │

30 │ public Guid? UserModified { get; set; }

31 │

32 │ public DateTime? ModifiedDate { get; set; }

33 │

34 │ public bool? Deleted { get; set; }

35 │

36 │ public Guid? UserDeleted { get; set; }

37 │

38 │ public DateTime? DeletedDate { get; set; }

39 │ }

────────────────────────────────────────────────────────────

**📄 AccChiTietKetChuyenDoanhThuChuaPhatHanhHoaDon.cs (CS, 59 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccChiTietKetChuyenDoanhThuChuaPhatHanhHoaDon

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaKetChuyen { get; set; }

11 │

12 │ public DateTime? NgayChungTu { get; set; }

13 │

14 │ public Guid? MaTiepNhan { get; set; }

15 │

16 │ public Guid? MaPhongBan { get; set; }

17 │

18 │ public int? MaDoiTuongBenhNhan { get; set; }

19 │

20 │ public DateTime? NgayVao { get; set; }

21 │

22 │ public int? MaDoiTuongThanhToan { get; set; }

23 │

24 │ public Guid? MaVienPhi { get; set; }

25 │

26 │ public Guid? MaToaThuoc { get; set; }

27 │

28 │ public Guid? MaDichVu { get; set; }

29 │

30 │ public Guid? MaVatTu { get; set; }

31 │

32 │ public decimal? SoLuong { get; set; }

33 │

34 │ public decimal? DonGiaDv { get; set; }

35 │

36 │ public decimal? DonGiaBh { get; set; }

37 │

38 │ public decimal? DonGiaBhtt { get; set; }

39 │

40 │ public decimal? ThanhTien { get; set; }

41 │

42 │ public decimal? ThanhTienBhtt { get; set; }

43 │

44 │ public decimal? ThanhTienBntt { get; set; }

45 │

46 │ public Guid? UserCreated { get; set; }

47 │

48 │ public DateTime? CreatedDate { get; set; }

49 │

50 │ public Guid? UserModified { get; set; }

51 │

52 │ public DateTime? ModifiedDate { get; set; }

53 │

54 │ public bool? Deleted { get; set; }

55 │

56 │ public Guid? UserDeleted { get; set; }

57 │

58 │ public DateTime? DeletedDate { get; set; }

59 │ }

────────────────────────────────────────────────────────────

**📄 AccChiTietKetChuyenDoanhThuChuaPhatHanhHoaDon.cs (CS, 59 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccChiTietKetChuyenDoanhThuChuaPhatHanhHoaDon

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaKetChuyen { get; set; }

11 │

12 │ public DateTime? NgayChungTu { get; set; }

13 │

14 │ public Guid? MaTiepNhan { get; set; }

15 │

16 │ public Guid? MaPhongBan { get; set; }

17 │

18 │ public int? MaDoiTuongBenhNhan { get; set; }

19 │

20 │ public DateTime? NgayVao { get; set; }

21 │

22 │ public int? MaDoiTuongThanhToan { get; set; }

23 │

24 │ public Guid? MaVienPhi { get; set; }

25 │

26 │ public Guid? MaToaThuoc { get; set; }

27 │

28 │ public Guid? MaDichVu { get; set; }

29 │

30 │ public Guid? MaVatTu { get; set; }

31 │

32 │ public decimal? SoLuong { get; set; }

33 │

34 │ public decimal? DonGiaDv { get; set; }

35 │

36 │ public decimal? DonGiaBh { get; set; }

37 │

38 │ public decimal? DonGiaBhtt { get; set; }

39 │

40 │ public decimal? ThanhTien { get; set; }

41 │

42 │ public decimal? ThanhTienBhtt { get; set; }

43 │

44 │ public decimal? ThanhTienBntt { get; set; }

45 │

46 │ public Guid? UserCreated { get; set; }

47 │

48 │ public DateTime? CreatedDate { get; set; }

49 │

50 │ public Guid? UserModified { get; set; }

51 │

52 │ public DateTime? ModifiedDate { get; set; }

53 │

54 │ public bool? Deleted { get; set; }

55 │

56 │ public Guid? UserDeleted { get; set; }

57 │

58 │ public DateTime? DeletedDate { get; set; }

59 │ }

────────────────────────────────────────────────────────────

**📄 AccChiTietPhieuThu.cs (CS, 73 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccChiTietPhieuThu

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaPhieuThu { get; set; }

11 │

12 │ public Guid? MaVienPhiNgoaiTru { get; set; }

13 │

14 │ public Guid? MaToaThuoc { get; set; }

15 │

16 │ public Guid? MaVienPhiNoiTru { get; set; }

17 │

18 │ public Guid? MaChiTietDichVuHopDong { get; set; }

19 │

20 │ public Guid? MaPhieuGmhs { get; set; }

21 │

22 │ public int? MaLoaiDoiTuong { get; set; }

23 │

24 │ public Guid? MaDichVu { get; set; }

25 │

26 │ public Guid? MaChiTietToaThuoc { get; set; }

27 │

28 │ public Guid? MaGoiDichVu { get; set; }

29 │

30 │ public Guid? MaVatTu { get; set; }

31 │

32 │ public Guid? MaDvt { get; set; }

33 │

34 │ public decimal? SoLuong { get; set; }

35 │

36 │ public decimal? DonGia { get; set; }

37 │

38 │ public decimal? DonGiaBh { get; set; }

39 │

40 │ public decimal? DonGiaBhthanhToan { get; set; }

41 │

42 │ public decimal? ThanhTien { get; set; }

43 │

44 │ public decimal? ThanhTienBh { get; set; }

45 │

46 │ public decimal? BnthanhToan { get; set; }

47 │

48 │ public decimal? TlmienGiam { get; set; }

49 │

50 │ public decimal? TlthanhToan { get; set; }

51 │

52 │ public Guid? MaCtphieuThu { get; set; }

53 │

54 │ public Guid? UserCreated { get; set; }

55 │

56 │ public DateTime? CreatedDate { get; set; }

57 │

58 │ public Guid? UserModified { get; set; }

59 │

60 │ public DateTime? ModifiedDate { get; set; }

61 │

62 │ public bool? Deleted { get; set; }

63 │

64 │ public Guid? UserDeleted { get; set; }

65 │

66 │ public DateTime? DeletedDate { get; set; }

67 │

68 │ public decimal? SoLuongTheoGio { get; set; }

69 │

70 │ public bool? DaTra { get; set; }

71 │

72 │ public decimal? GiamGia { get; set; }

73 │ }

────────────────────────────────────────────────────────────

**📄 AccChiTietPhieuThu.cs (CS, 73 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccChiTietPhieuThu

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaPhieuThu { get; set; }

11 │

12 │ public Guid? MaVienPhiNgoaiTru { get; set; }

13 │

14 │ public Guid? MaToaThuoc { get; set; }

15 │

16 │ public Guid? MaVienPhiNoiTru { get; set; }

17 │

18 │ public Guid? MaChiTietDichVuHopDong { get; set; }

19 │

20 │ public Guid? MaPhieuGmhs { get; set; }

21 │

22 │ public int? MaLoaiDoiTuong { get; set; }

23 │

24 │ public Guid? MaDichVu { get; set; }

25 │

26 │ public Guid? MaChiTietToaThuoc { get; set; }

27 │

28 │ public Guid? MaGoiDichVu { get; set; }

29 │

30 │ public Guid? MaVatTu { get; set; }

31 │

32 │ public Guid? MaDvt { get; set; }

33 │

34 │ public decimal? SoLuong { get; set; }

35 │

36 │ public decimal? DonGia { get; set; }

37 │

38 │ public decimal? DonGiaBh { get; set; }

39 │

40 │ public decimal? DonGiaBhthanhToan { get; set; }

41 │

42 │ public decimal? ThanhTien { get; set; }

43 │

44 │ public decimal? ThanhTienBh { get; set; }

45 │

46 │ public decimal? BnthanhToan { get; set; }

47 │

48 │ public decimal? TlmienGiam { get; set; }

49 │

50 │ public decimal? TlthanhToan { get; set; }

51 │

52 │ public Guid? MaCtphieuThu { get; set; }

53 │

54 │ public Guid? UserCreated { get; set; }

55 │

56 │ public DateTime? CreatedDate { get; set; }

57 │

58 │ public Guid? UserModified { get; set; }

59 │

60 │ public DateTime? ModifiedDate { get; set; }

61 │

62 │ public bool? Deleted { get; set; }

63 │

64 │ public Guid? UserDeleted { get; set; }

65 │

66 │ public DateTime? DeletedDate { get; set; }

67 │

68 │ public decimal? SoLuongTheoGio { get; set; }

69 │

70 │ public bool? DaTra { get; set; }

71 │

72 │ public decimal? GiamGia { get; set; }

73 │ }

────────────────────────────────────────────────────────────

**📄 AccChiTietTaiKhoaDaThanhToan.cs (CS, 33 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccChiTietTaiKhoaDaThanhToan

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaChiTietTaiKhoan { get; set; }

11 │

12 │ public Guid? MaLichSuThanhToan { get; set; }

13 │

14 │ public Guid? MaBenhNhan { get; set; }

15 │

16 │ public string? DichVuApDung { get; set; }

17 │

18 │ public decimal? SoTienThanhToan { get; set; }

19 │

20 │ public Guid? UserCreated { get; set; }

21 │

22 │ public DateTime? CreatedDate { get; set; }

23 │

24 │ public Guid? UserModified { get; set; }

25 │

26 │ public DateTime? ModifiedDate { get; set; }

27 │

28 │ public bool? Deleted { get; set; }

29 │

30 │ public Guid? UserDeleted { get; set; }

31 │

32 │ public DateTime? DeletedDate { get; set; }

33 │ }

────────────────────────────────────────────────────────────

**📄 AccChiTietTaiKhoaDaThanhToan.cs (CS, 33 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccChiTietTaiKhoaDaThanhToan

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaChiTietTaiKhoan { get; set; }

11 │

12 │ public Guid? MaLichSuThanhToan { get; set; }

13 │

14 │ public Guid? MaBenhNhan { get; set; }

15 │

16 │ public string? DichVuApDung { get; set; }

17 │

18 │ public decimal? SoTienThanhToan { get; set; }

19 │

20 │ public Guid? UserCreated { get; set; }

21 │

22 │ public DateTime? CreatedDate { get; set; }

23 │

24 │ public Guid? UserModified { get; set; }

25 │

26 │ public DateTime? ModifiedDate { get; set; }

27 │

28 │ public bool? Deleted { get; set; }

29 │

30 │ public Guid? UserDeleted { get; set; }

31 │

32 │ public DateTime? DeletedDate { get; set; }

33 │ }

────────────────────────────────────────────────────────────

**📄 AccChiTietTaiKhoan.cs (CS, 39 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccChiTietTaiKhoan

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaLichSuNapThe { get; set; }

11 │

12 │ public Guid? MaBenhNhan { get; set; }

13 │

14 │ public Guid? MaKm { get; set; }

15 │

16 │ public Guid? MaDichVu { get; set; }

17 │

18 │ public decimal? SoTien { get; set; }

19 │

20 │ public decimal? SuDung { get; set; }

21 │

22 │ public decimal? ConLai { get; set; }

23 │

24 │ public Guid? UserCreated { get; set; }

25 │

26 │ public DateTime? CreatedDate { get; set; }

27 │

28 │ public Guid? UserModified { get; set; }

29 │

30 │ public DateTime? ModifiedDate { get; set; }

31 │

32 │ public bool? Deleted { get; set; }

33 │

34 │ public Guid? UserDeleted { get; set; }

35 │

36 │ public DateTime? DeletedDate { get; set; }

37 │

38 │ public string? DichVuApDung { get; set; }

39 │ }

────────────────────────────────────────────────────────────

**📄 AccChiTietTaiKhoan.cs (CS, 39 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccChiTietTaiKhoan

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaLichSuNapThe { get; set; }

11 │

12 │ public Guid? MaBenhNhan { get; set; }

13 │

14 │ public Guid? MaKm { get; set; }

15 │

16 │ public Guid? MaDichVu { get; set; }

17 │

18 │ public decimal? SoTien { get; set; }

19 │

20 │ public decimal? SuDung { get; set; }

21 │

22 │ public decimal? ConLai { get; set; }

23 │

24 │ public Guid? UserCreated { get; set; }

25 │

26 │ public DateTime? CreatedDate { get; set; }

27 │

28 │ public Guid? UserModified { get; set; }

29 │

30 │ public DateTime? ModifiedDate { get; set; }

31 │

32 │ public bool? Deleted { get; set; }

33 │

34 │ public Guid? UserDeleted { get; set; }

35 │

36 │ public DateTime? DeletedDate { get; set; }

37 │

38 │ public string? DichVuApDung { get; set; }

39 │ }

────────────────────────────────────────────────────────────

**📄 AccGoiDichVuKhachHang.cs (CS, 45 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccGoiDichVuKhachHang

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaBenhNhan { get; set; }

11 │

12 │ public Guid? MaTaiKhoanDichVu { get; set; }

13 │

14 │ public Guid? MaGoiDichVu { get; set; }

15 │

16 │ public Guid? MaDichVu { get; set; }

17 │

18 │ public int? SoLuong { get; set; }

19 │

20 │ public decimal? SoTien { get; set; }

21 │

22 │ public int? SoLuongMua { get; set; }

23 │

24 │ public decimal? SoTienMua { get; set; }

25 │

26 │ public Guid? HinhThucTt { get; set; }

27 │

28 │ public Guid? MaThanhToan { get; set; }

29 │

30 │ public string? GhiChu { get; set; }

31 │

32 │ public Guid? UserCreated { get; set; }

33 │

34 │ public DateTime? CreatedDate { get; set; }

35 │

36 │ public Guid? UserModified { get; set; }

37 │

38 │ public DateTime? ModifiedDate { get; set; }

39 │

40 │ public bool? Deleted { get; set; }

41 │

42 │ public Guid? UserDeleted { get; set; }

43 │

44 │ public DateTime? DeletedDate { get; set; }

45 │ }

────────────────────────────────────────────────────────────

**📄 AccGoiDichVuKhachHang.cs (CS, 45 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccGoiDichVuKhachHang

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaBenhNhan { get; set; }

11 │

12 │ public Guid? MaTaiKhoanDichVu { get; set; }

13 │

14 │ public Guid? MaGoiDichVu { get; set; }

15 │

16 │ public Guid? MaDichVu { get; set; }

17 │

18 │ public int? SoLuong { get; set; }

19 │

20 │ public decimal? SoTien { get; set; }

21 │

22 │ public int? SoLuongMua { get; set; }

23 │

24 │ public decimal? SoTienMua { get; set; }

25 │

26 │ public Guid? HinhThucTt { get; set; }

27 │

28 │ public Guid? MaThanhToan { get; set; }

29 │

30 │ public string? GhiChu { get; set; }

31 │

32 │ public Guid? UserCreated { get; set; }

33 │

34 │ public DateTime? CreatedDate { get; set; }

35 │

36 │ public Guid? UserModified { get; set; }

37 │

38 │ public DateTime? ModifiedDate { get; set; }

39 │

40 │ public bool? Deleted { get; set; }

41 │

42 │ public Guid? UserDeleted { get; set; }

43 │

44 │ public DateTime? DeletedDate { get; set; }

45 │ }

────────────────────────────────────────────────────────────

**📄 AccGoiDichVuTiemChung.cs (CS, 47 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccGoiDichVuTiemChung

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public string? Ten { get; set; }

11 │

12 │ public Guid? MaPhacDo { get; set; }

13 │

14 │ public Guid? MaTiepNhan { get; set; }

15 │

16 │ public Guid? MaThongTinKham { get; set; }

17 │

18 │ public Guid? MaBenhNhan { get; set; }

19 │

20 │ public decimal? ThanhTien { get; set; }

21 │

22 │ public decimal? ChietKhauPer { get; set; }

23 │

24 │ public decimal? PhaiThu { get; set; }

25 │

26 │ public decimal? DaThanhToan { get; set; }

27 │

28 │ public DateTime? NgayThanhToan { get; set; }

29 │

30 │ public Guid? NguoiThanhToan { get; set; }

31 │

32 │ public Guid? MaPhieuThu { get; set; }

33 │

34 │ public Guid? UserCreated { get; set; }

35 │

36 │ public DateTime? CreatedDate { get; set; }

37 │

38 │ public Guid? UserModified { get; set; }

39 │

40 │ public DateTime? ModifiedDate { get; set; }

41 │

42 │ public bool? Deleted { get; set; }

43 │

44 │ public Guid? UserDeleted { get; set; }

45 │

46 │ public DateTime? DeletedDate { get; set; }

47 │ }

────────────────────────────────────────────────────────────

**📄 AccGoiDichVuTiemChung.cs (CS, 47 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccGoiDichVuTiemChung

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public string? Ten { get; set; }

11 │

12 │ public Guid? MaPhacDo { get; set; }

13 │

14 │ public Guid? MaTiepNhan { get; set; }

15 │

16 │ public Guid? MaThongTinKham { get; set; }

17 │

18 │ public Guid? MaBenhNhan { get; set; }

19 │

20 │ public decimal? ThanhTien { get; set; }

21 │

22 │ public decimal? ChietKhauPer { get; set; }

23 │

24 │ public decimal? PhaiThu { get; set; }

25 │

26 │ public decimal? DaThanhToan { get; set; }

27 │

28 │ public DateTime? NgayThanhToan { get; set; }

29 │

30 │ public Guid? NguoiThanhToan { get; set; }

31 │

32 │ public Guid? MaPhieuThu { get; set; }

33 │

34 │ public Guid? UserCreated { get; set; }

35 │

36 │ public DateTime? CreatedDate { get; set; }

37 │

38 │ public Guid? UserModified { get; set; }

39 │

40 │ public DateTime? ModifiedDate { get; set; }

41 │

42 │ public bool? Deleted { get; set; }

43 │

44 │ public Guid? UserDeleted { get; set; }

45 │

46 │ public DateTime? DeletedDate { get; set; }

47 │ }

────────────────────────────────────────────────────────────

**📄 AccHinhThucTt.cs (CS, 29 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccHinhThucTt

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public string? Code { get; set; }

11 │

12 │ public string? Ten { get; set; }

13 │

14 │ public bool? Status { get; set; }

15 │

16 │ public Guid? UserCreated { get; set; }

17 │

18 │ public DateTime? CreatedDate { get; set; }

19 │

20 │ public Guid? UserModified { get; set; }

21 │

22 │ public DateTime? ModifiedDate { get; set; }

23 │

24 │ public bool? Deleted { get; set; }

25 │

26 │ public Guid? UserDeleted { get; set; }

27 │

28 │ public DateTime? DeletedDate { get; set; }

29 │ }

────────────────────────────────────────────────────────────

**📄 AccHinhThucTt.cs (CS, 29 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccHinhThucTt

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public string? Code { get; set; }

11 │

12 │ public string? Ten { get; set; }

13 │

14 │ public bool? Status { get; set; }

15 │

16 │ public Guid? UserCreated { get; set; }

17 │

18 │ public DateTime? CreatedDate { get; set; }

19 │

20 │ public Guid? UserModified { get; set; }

21 │

22 │ public DateTime? ModifiedDate { get; set; }

23 │

24 │ public bool? Deleted { get; set; }

25 │

26 │ public Guid? UserDeleted { get; set; }

27 │

28 │ public DateTime? DeletedDate { get; set; }

29 │ }

────────────────────────────────────────────────────────────

**📄 AccKetChuyenDoanhThuChuaPhatHanhHoaDon.cs (CS, 27 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccKetChuyenDoanhThuChuaPhatHanhHoaDon

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public int? Thang { get; set; }

11 │

12 │ public int? Nam { get; set; }

13 │

14 │ public Guid? UserCreated { get; set; }

15 │

16 │ public DateTime? CreatedDate { get; set; }

17 │

18 │ public Guid? UserModified { get; set; }

19 │

20 │ public DateTime? ModifiedDate { get; set; }

21 │

22 │ public bool? Deleted { get; set; }

23 │

24 │ public Guid? UserDeleted { get; set; }

25 │

26 │ public DateTime? DeletedDate { get; set; }

27 │ }

────────────────────────────────────────────────────────────

**📄 AccKetChuyenDoanhThuChuaPhatHanhHoaDon.cs (CS, 27 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccKetChuyenDoanhThuChuaPhatHanhHoaDon

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public int? Thang { get; set; }

11 │

12 │ public int? Nam { get; set; }

13 │

14 │ public Guid? UserCreated { get; set; }

15 │

16 │ public DateTime? CreatedDate { get; set; }

17 │

18 │ public Guid? UserModified { get; set; }

19 │

20 │ public DateTime? ModifiedDate { get; set; }

21 │

22 │ public bool? Deleted { get; set; }

23 │

24 │ public Guid? UserDeleted { get; set; }

25 │

26 │ public DateTime? DeletedDate { get; set; }

27 │ }

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**📄 AccLichSuNapThe.cs (CS, 63 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccLichSuNapThe

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaBenhNhan { get; set; }

11 │

12 │ public DateTime? NgayNap { get; set; }

13 │

14 │ public string? NguoiNap { get; set; }

15 │

16 │ public string? SoDienThoai { get; set; }

17 │

18 │ public string? Cccd { get; set; }

19 │

20 │ public decimal? SoTien { get; set; }

21 │

22 │ public Guid? HinhThucNap { get; set; }

23 │

24 │ public bool? TamUngTiepNhan { get; set; }

25 │

26 │ public int? MaVoucherQlvc { get; set; }

27 │

28 │ public Guid? MaVoucherHis { get; set; }

29 │

30 │ public string? MaThe { get; set; }

31 │

32 │ public string? GhiChu { get; set; }

33 │

34 │ public decimal? SoDuTruocKhiNap { get; set; }

35 │

36 │ public decimal? SoDuSauKhiNap { get; set; }

37 │

38 │ public decimal? GiaTriThuc { get; set; }

39 │

40 │ public decimal? GiaTriKm { get; set; }

41 │

42 │ public Guid? MaPhieuThu { get; set; }

43 │

44 │ public Guid? MaKhuyenMai { get; set; }

45 │

46 │ public Guid? UserCreated { get; set; }

47 │

48 │ public DateTime? CreatedDate { get; set; }

49 │

50 │ public Guid? UserModified { get; set; }

51 │

52 │ public DateTime? ModifiedDate { get; set; }

53 │

54 │ public bool? Deleted { get; set; }

55 │

56 │ public Guid? UserDeleted { get; set; }

57 │

58 │ public DateTime? DeletedDate { get; set; }

59 │

60 │ public decimal? SoDuThamMyTruocKhiNap { get; set; }

61 │

62 │ public decimal? SoDuThamMySauKhiNap { get; set; }

63 │ }

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**📄 AccLichSuNapThe.cs (CS, 63 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccLichSuNapThe

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaBenhNhan { get; set; }

11 │

12 │ public DateTime? NgayNap { get; set; }

13 │

14 │ public string? NguoiNap { get; set; }

15 │

16 │ public string? SoDienThoai { get; set; }

17 │

18 │ public string? Cccd { get; set; }

19 │

20 │ public decimal? SoTien { get; set; }

21 │

22 │ public Guid? HinhThucNap { get; set; }

23 │

24 │ public bool? TamUngTiepNhan { get; set; }

25 │

26 │ public int? MaVoucherQlvc { get; set; }

27 │

28 │ public Guid? MaVoucherHis { get; set; }

29 │

30 │ public string? MaThe { get; set; }

31 │

32 │ public string? GhiChu { get; set; }

33 │

34 │ public decimal? SoDuTruocKhiNap { get; set; }

35 │

36 │ public decimal? SoDuSauKhiNap { get; set; }

37 │

38 │ public decimal? GiaTriThuc { get; set; }

39 │

40 │ public decimal? GiaTriKm { get; set; }

41 │

42 │ public Guid? MaPhieuThu { get; set; }

43 │

44 │ public Guid? MaKhuyenMai { get; set; }

45 │

46 │ public Guid? UserCreated { get; set; }

47 │

48 │ public DateTime? CreatedDate { get; set; }

49 │

50 │ public Guid? UserModified { get; set; }

51 │

52 │ public DateTime? ModifiedDate { get; set; }

53 │

54 │ public bool? Deleted { get; set; }

55 │

56 │ public Guid? UserDeleted { get; set; }

57 │

58 │ public DateTime? DeletedDate { get; set; }

59 │

60 │ public decimal? SoDuThamMyTruocKhiNap { get; set; }

61 │

62 │ public decimal? SoDuThamMySauKhiNap { get; set; }

63 │ }

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**📄 AccLichSuThanhToan.cs (CS, 75 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccLichSuThanhToan

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaBenhNhan { get; set; }

11 │

12 │ public Guid? MaHopDong { get; set; }

13 │

14 │ public Guid? MaTaiKhoanDv { get; set; }

15 │

16 │ public DateTime? NgayThanhToan { get; set; }

17 │

18 │ public Guid? HinhThucTt { get; set; }

19 │

20 │ public decimal? SoTienThanhToanTamUng { get; set; }

21 │

22 │ public decimal? SoTienThanhToanNoiTru { get; set; }

23 │

24 │ public decimal? SoTienThanhToan { get; set; }

25 │

26 │ public Guid? MaTiepNhan { get; set; }

27 │

28 │ public Guid? MaLoaiChiPhi { get; set; }

29 │

30 │ public Guid? MaChiPhi { get; set; }

31 │

32 │ public Guid? MaPhieuThu { get; set; }

33 │

34 │ public bool? RutThe { get; set; }

35 │

36 │ public bool? HoanTra { get; set; }

37 │

38 │ public string? NguoiThanhToan { get; set; }

39 │

40 │ public string? Cccd { get; set; }

41 │

42 │ public string? DienGiai { get; set; }

43 │

44 │ public decimal? SoDuTruocTt { get; set; }

45 │

46 │ public decimal? SoDuSauTt { get; set; }

47 │

48 │ public decimal? ChietKhauKm { get; set; }

49 │

50 │ public decimal? TongThanhToan { get; set; }

51 │

52 │ public decimal? SoDuKmtruocCk { get; set; }

53 │

54 │ public decimal? SoDuKmsauCk { get; set; }

55 │

56 │ public Guid? MaKm { get; set; }

57 │

58 │ public Guid? UserCreated { get; set; }

59 │

60 │ public DateTime? CreatedDate { get; set; }

61 │

62 │ public Guid? UserModified { get; set; }

63 │

64 │ public DateTime? ModifiedDate { get; set; }

65 │

66 │ public bool? Deleted { get; set; }

67 │

68 │ public Guid? UserDeleted { get; set; }

69 │

70 │ public DateTime? DeletedDate { get; set; }

71 │

72 │ public decimal? SoDuThamMyTruocTt { get; set; }

73 │

74 │ public decimal? SoDuThamMySauTt { get; set; }

75 │ }

────────────────────────────────────────────────────────────

**📄 AccLichSuThanhToan.cs (CS, 75 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccLichSuThanhToan

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaBenhNhan { get; set; }

11 │

12 │ public Guid? MaHopDong { get; set; }

13 │

14 │ public Guid? MaTaiKhoanDv { get; set; }

15 │

16 │ public DateTime? NgayThanhToan { get; set; }

17 │

18 │ public Guid? HinhThucTt { get; set; }

19 │

20 │ public decimal? SoTienThanhToanTamUng { get; set; }

21 │

22 │ public decimal? SoTienThanhToanNoiTru { get; set; }

23 │

24 │ public decimal? SoTienThanhToan { get; set; }

25 │

26 │ public Guid? MaTiepNhan { get; set; }

27 │

28 │ public Guid? MaLoaiChiPhi { get; set; }

29 │

30 │ public Guid? MaChiPhi { get; set; }

31 │

32 │ public Guid? MaPhieuThu { get; set; }

33 │

34 │ public bool? RutThe { get; set; }

35 │

36 │ public bool? HoanTra { get; set; }

37 │

38 │ public string? NguoiThanhToan { get; set; }

39 │

40 │ public string? Cccd { get; set; }

41 │

42 │ public string? DienGiai { get; set; }

43 │

44 │ public decimal? SoDuTruocTt { get; set; }

45 │

46 │ public decimal? SoDuSauTt { get; set; }

47 │

48 │ public decimal? ChietKhauKm { get; set; }

49 │

50 │ public decimal? TongThanhToan { get; set; }

51 │

52 │ public decimal? SoDuKmtruocCk { get; set; }

53 │

54 │ public decimal? SoDuKmsauCk { get; set; }

55 │

56 │ public Guid? MaKm { get; set; }

57 │

58 │ public Guid? UserCreated { get; set; }

59 │

60 │ public DateTime? CreatedDate { get; set; }

61 │

62 │ public Guid? UserModified { get; set; }

63 │

64 │ public DateTime? ModifiedDate { get; set; }

65 │

66 │ public bool? Deleted { get; set; }

67 │

68 │ public Guid? UserDeleted { get; set; }

69 │

70 │ public DateTime? DeletedDate { get; set; }

71 │

72 │ public decimal? SoDuThamMyTruocTt { get; set; }

73 │

74 │ public decimal? SoDuThamMySauTt { get; set; }

75 │ }

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**📄 AccLichSuThanhToanGoiDichVu.cs (CS, 53 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccLichSuThanhToanGoiDichVu

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaBenhNhan { get; set; }

11 │

12 │ public Guid? MaTiepNhan { get; set; }

13 │

14 │ public Guid? MaVienPhiNgoaiTru { get; set; }

15 │

16 │ public Guid? MaGoiDichVuKh { get; set; }

17 │

18 │ public Guid? MaGoiDichVu { get; set; }

19 │

20 │ public Guid? MaChiTietGoiDichVu { get; set; }

21 │

22 │ public Guid? MaDichVu { get; set; }

23 │

24 │ public int? SoLuong { get; set; }

25 │

26 │ public decimal? SoTien { get; set; }

27 │

28 │ public int? SoLanConLai { get; set; }

29 │

30 │ public decimal? SoTienConLai { get; set; }

31 │

32 │ public decimal? TongTienTruocTt { get; set; }

33 │

34 │ public decimal? TongTienSauTt { get; set; }

35 │

36 │ public Guid? MaPhieuThu { get; set; }

37 │

38 │ public string? GhiChu { get; set; }

39 │

40 │ public Guid? UserCreated { get; set; }

41 │

42 │ public DateTime? CreatedDate { get; set; }

43 │

44 │ public Guid? UserModified { get; set; }

45 │

46 │ public DateTime? ModifiedDate { get; set; }

47 │

48 │ public bool? Deleted { get; set; }

49 │

50 │ public Guid? UserDeleted { get; set; }

51 │

52 │ public DateTime? DeletedDate { get; set; }

53 │ }

────────────────────────────────────────────────────────────

**📄 AccLichSuThanhToanGoiDichVu.cs (CS, 53 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccLichSuThanhToanGoiDichVu

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaBenhNhan { get; set; }

11 │

12 │ public Guid? MaTiepNhan { get; set; }

13 │

14 │ public Guid? MaVienPhiNgoaiTru { get; set; }

15 │

16 │ public Guid? MaGoiDichVuKh { get; set; }

17 │

18 │ public Guid? MaGoiDichVu { get; set; }

19 │

20 │ public Guid? MaChiTietGoiDichVu { get; set; }

21 │

22 │ public Guid? MaDichVu { get; set; }

23 │

24 │ public int? SoLuong { get; set; }

25 │

26 │ public decimal? SoTien { get; set; }

27 │

28 │ public int? SoLanConLai { get; set; }

29 │

30 │ public decimal? SoTienConLai { get; set; }

31 │

32 │ public decimal? TongTienTruocTt { get; set; }

33 │

34 │ public decimal? TongTienSauTt { get; set; }

35 │

36 │ public Guid? MaPhieuThu { get; set; }

37 │

38 │ public string? GhiChu { get; set; }

39 │

40 │ public Guid? UserCreated { get; set; }

41 │

42 │ public DateTime? CreatedDate { get; set; }

43 │

44 │ public Guid? UserModified { get; set; }

45 │

46 │ public DateTime? ModifiedDate { get; set; }

47 │

48 │ public bool? Deleted { get; set; }

49 │

50 │ public Guid? UserDeleted { get; set; }

51 │

52 │ public DateTime? DeletedDate { get; set; }

53 │ }

────────────────────────────────────────────────────────────

**📄 AccMienGiamVienPhi.cs (CS, 41 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccMienGiamVienPhi

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaTiepNhan { get; set; }

11 │

12 │ public Guid? MaBenhNhan { get; set; }

13 │

14 │ public Guid? MaPhieuThu { get; set; }

15 │

16 │ public Guid? MaNguoiKy { get; set; }

17 │

18 │ public DateTime? NgayKy { get; set; }

19 │

20 │ public decimal? SoTienMienGiam { get; set; }

21 │

22 │ public Guid? UserCreated { get; set; }

23 │

24 │ public DateTime? CreatedDate { get; set; }

25 │

26 │ public Guid? UserModified { get; set; }

27 │

28 │ public DateTime? ModifiedDate { get; set; }

29 │

30 │ public bool? Deleted { get; set; }

31 │

32 │ public Guid? UserDeleted { get; set; }

33 │

34 │ public DateTime? DeletedDate { get; set; }

35 │

36 │ public decimal? TongTienHoaDon { get; set; }

37 │

38 │ public string? GhiChu { get; set; }

39 │

40 │ public decimal? TongChiPhiDieuTri { get; set; }

41 │ }

────────────────────────────────────────────────────────────

**📄 AccMienGiamVienPhi.cs (CS, 41 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccMienGiamVienPhi

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaTiepNhan { get; set; }

11 │

12 │ public Guid? MaBenhNhan { get; set; }

13 │

14 │ public Guid? MaPhieuThu { get; set; }

15 │

16 │ public Guid? MaNguoiKy { get; set; }

17 │

18 │ public DateTime? NgayKy { get; set; }

19 │

20 │ public decimal? SoTienMienGiam { get; set; }

21 │

22 │ public Guid? UserCreated { get; set; }

23 │

24 │ public DateTime? CreatedDate { get; set; }

25 │

26 │ public Guid? UserModified { get; set; }

27 │

28 │ public DateTime? ModifiedDate { get; set; }

29 │

30 │ public bool? Deleted { get; set; }

31 │

32 │ public Guid? UserDeleted { get; set; }

33 │

34 │ public DateTime? DeletedDate { get; set; }

35 │

36 │ public decimal? TongTienHoaDon { get; set; }

37 │

38 │ public string? GhiChu { get; set; }

39 │

40 │ public decimal? TongChiPhiDieuTri { get; set; }

41 │ }

────────────────────────────────────────────────────────────

**📄 AccPhieuThu.cs (CS, 95 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccPhieuThu

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaTiepNhan { get; set; }

11 │

12 │ public Guid? MaThongTinKham { get; set; }

13 │

14 │ public Guid? MaHopDong { get; set; }

15 │

16 │ public Guid? MaBenhNhan { get; set; }

17 │

18 │ public int? MaLoaiPhieuThu { get; set; }

19 │

20 │ public string? Code { get; set; }

21 │

22 │ public DateTime? NgayChungTu { get; set; }

23 │

24 │ public decimal? SoTienPhaiThu { get; set; }

25 │

26 │ public decimal? SoTienThanhToan { get; set; }

27 │

28 │ public decimal? SoTienQuaThe { get; set; }

29 │

30 │ public decimal? SoTienQuaTheNh { get; set; }

31 │

32 │ public decimal? SoTienConLai { get; set; }

33 │

34 │ public decimal? SoTienMienGiam { get; set; }

35 │

36 │ public Guid? HinhThucTt { get; set; }

37 │

38 │ public string? GhiChu { get; set; }

39 │

40 │ public bool? DaIn { get; set; }

41 │

42 │ public Guid? MaPhieuThu { get; set; }

43 │

44 │ public Guid? MaPhieuXuat { get; set; }

45 │

46 │ public Guid? MaPhieuNhapTra { get; set; }

47 │

48 │ public string? MaGiaoDichNganHang { get; set; }

49 │

50 │ public Guid? MaBanLe { get; set; }

51 │

52 │ public Guid? MaSoThuTu { get; set; }

53 │

54 │ public string? RequestId { get; set; }

55 │

56 │ public bool? Status { get; set; }

57 │

58 │ public int? SeqSoHoaDon { get; set; }

59 │

60 │ public Guid? UserCreated { get; set; }

61 │

62 │ public DateTime? CreatedDate { get; set; }

63 │

64 │ public Guid? UserModified { get; set; }

65 │

66 │ public DateTime? ModifiedDate { get; set; }

67 │

68 │ public bool? Deleted { get; set; }

69 │

70 │ public Guid? UserDeleted { get; set; }

71 │

72 │ public DateTime? DeletedDate { get; set; }

73 │

74 │ public string? ChuKyKhachHang { get; set; }

75 │

76 │ public decimal? MucHuong { get; set; }

77 │

78 │ public decimal? SalaryBasic { get; set; }

79 │

80 │ public decimal? Per { get; set; }

81 │

82 │ public Guid? MaPhongBanThu { get; set; }

83 │

84 │ public string? ChanDungNguoiRutTien { get; set; }

85 │

86 │ public string? ChanDungNguoiRutTienBackground { get; set; }

87 │

88 │ public Guid? MaNhanVienRutTien { get; set; }

89 │

90 │ public Guid? MaQuay { get; set; }

91 │

92 │ public string? FilePath { get; set; }

93 │

94 │ public string? TenThuNgan { get; set; }

95 │ }

────────────────────────────────────────────────────────────

**📄 AccPhieuThu.cs (CS, 95 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccPhieuThu

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaTiepNhan { get; set; }

11 │

12 │ public Guid? MaThongTinKham { get; set; }

13 │

14 │ public Guid? MaHopDong { get; set; }

15 │

16 │ public Guid? MaBenhNhan { get; set; }

17 │

18 │ public int? MaLoaiPhieuThu { get; set; }

19 │

20 │ public string? Code { get; set; }

21 │

22 │ public DateTime? NgayChungTu { get; set; }

23 │

24 │ public decimal? SoTienPhaiThu { get; set; }

25 │

26 │ public decimal? SoTienThanhToan { get; set; }

27 │

28 │ public decimal? SoTienQuaThe { get; set; }

29 │

30 │ public decimal? SoTienQuaTheNh { get; set; }

31 │

32 │ public decimal? SoTienConLai { get; set; }

33 │

34 │ public decimal? SoTienMienGiam { get; set; }

35 │

36 │ public Guid? HinhThucTt { get; set; }

37 │

38 │ public string? GhiChu { get; set; }

39 │

40 │ public bool? DaIn { get; set; }

41 │

42 │ public Guid? MaPhieuThu { get; set; }

43 │

44 │ public Guid? MaPhieuXuat { get; set; }

45 │

46 │ public Guid? MaPhieuNhapTra { get; set; }

47 │

48 │ public string? MaGiaoDichNganHang { get; set; }

49 │

50 │ public Guid? MaBanLe { get; set; }

51 │

52 │ public Guid? MaSoThuTu { get; set; }

53 │

54 │ public string? RequestId { get; set; }

55 │

56 │ public bool? Status { get; set; }

57 │

58 │ public int? SeqSoHoaDon { get; set; }

59 │

60 │ public Guid? UserCreated { get; set; }

61 │

62 │ public DateTime? CreatedDate { get; set; }

63 │

64 │ public Guid? UserModified { get; set; }

65 │

66 │ public DateTime? ModifiedDate { get; set; }

67 │

68 │ public bool? Deleted { get; set; }

69 │

70 │ public Guid? UserDeleted { get; set; }

71 │

72 │ public DateTime? DeletedDate { get; set; }

73 │

74 │ public string? ChuKyKhachHang { get; set; }

75 │

76 │ public decimal? MucHuong { get; set; }

77 │

78 │ public decimal? SalaryBasic { get; set; }

79 │

80 │ public decimal? Per { get; set; }

81 │

82 │ public Guid? MaPhongBanThu { get; set; }

83 │

84 │ public string? ChanDungNguoiRutTien { get; set; }

85 │

86 │ public string? ChanDungNguoiRutTienBackground { get; set; }

87 │

88 │ public Guid? MaNhanVienRutTien { get; set; }

89 │

90 │ public Guid? MaQuay { get; set; }

91 │

92 │ public string? FilePath { get; set; }

93 │

94 │ public string? TenThuNgan { get; set; }

95 │ }

────────────────────────────────────────────────────────────

**📄 AccTaiKhoanDichVu.cs (CS, 43 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AccTaiKhoanDichVu

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaLichSuThanhToan { get; set; }

11 │

12 │ public Guid? MaBenhNhan { get; set; }

13 │

14 │ public Guid? MaGoiDichVu { get; set; }

15 │

16 │ public int? SoLuong { get; set; }

17 │

18 │ public int? SoTien { get; set; }

19 │

20 │ public Guid? HinhThucTt { get; set; }

21 │

22 │ public Guid? MaThanhToan { get; set; }

23 │

24 │ public decimal? SoDuTruoc { get; set; }

25 │

26 │ public decimal? SoDuSau { get; set; }

27 │

28 │ public string? GhiChu { get; set; }

29 │

30 │ public Guid? UserCreated { get; set; }

31 │

32 │ public DateTime? CreatedDate { get; set; }

33 │

34 │ public Guid? UserModified { get; set; }

35 │

36 │ public DateTime? ModifiedDate { get; set; }

37 │

38 │ public bool? Deleted { get; set; }

39 │

40 │ public Guid? UserDeleted { get; set; }

41 │

42 │ public DateTime? DeletedDate { get; set; }

43 │ }

────────────────────────────────────────────────────────────

**📄 AccTaiKhoanDichVu.cs (CS, 43 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AccTaiKhoanDichVu

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaLichSuThanhToan { get; set; }

11 │

12 │ public Guid? MaBenhNhan { get; set; }

13 │

14 │ public Guid? MaGoiDichVu { get; set; }

15 │

16 │ public int? SoLuong { get; set; }

17 │

18 │ public int? SoTien { get; set; }

19 │

20 │ public Guid? HinhThucTt { get; set; }

21 │

22 │ public Guid? MaThanhToan { get; set; }

23 │

24 │ public decimal? SoDuTruoc { get; set; }

25 │

26 │ public decimal? SoDuSau { get; set; }

27 │

28 │ public string? GhiChu { get; set; }

29 │

30 │ public Guid? UserCreated { get; set; }

31 │

32 │ public DateTime? CreatedDate { get; set; }

33 │

34 │ public Guid? UserModified { get; set; }

35 │

36 │ public DateTime? ModifiedDate { get; set; }

37 │

38 │ public bool? Deleted { get; set; }

39 │

40 │ public Guid? UserDeleted { get; set; }

41 │

42 │ public DateTime? DeletedDate { get; set; }

43 │ }

────────────────────────────────────────────────────────────

**📄 AgreementDetails.cs (CS, 30 lines)**

1 │ namespace HongHungHIS.Common.eSignCloud

2 │ {

3 │ public class AgreementDetails

4 │ {

5 │ public string personalName { get; set; }

6 │ public string organization { get; set; }

7 │ public string organizationUnit { get; set; }

8 │ public string title { get; set; }

9 │ public string email { get; set; }

10 │ public string telephoneNumber { get; set; }

11 │ public string location { get; set; }

12 │ public string stateOrProvince { get; set; }

13 │ public string country { get; set; }

14 │ public string personalID { get; set; }

15 │ public string passportID { get; set; }

16 │ public string citizenID { get; set; }

17 │ public string taxID { get; set; }

18 │ public string budgetID { get; set; }

19 │

20 │ public byte[] applicationForm { get; set; }

21 │ public byte[] requestForm { get; set; }

22 │ public byte[] authorizeLetter { get; set; }

23 │ public byte[] photoIDCard { get; set; }

24 │ public byte[] photoFrontSideIDCard { get; set; }

25 │ public byte[] photoBackSideIDCard { get; set; }

26 │ public byte[] photoActivityDeclaration { get; set; }

27 │ public byte[] photoAuthorizeDelegate { get; set; }

28 │ }

29 │

30 │ }

────────────────────────────────────────────────────────────

**📄 AgyChiTietHoatChatDiUng.cs (CS, 31 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class AgyChiTietHoatChatDiUng

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaTienSuDiUng { get; set; }

11 │

12 │ public Guid? MaNoiDungDiUng { get; set; }

13 │

14 │ public Guid? MaBenhNhan { get; set; }

15 │

16 │ public Guid? MaHoatChat { get; set; }

17 │

18 │ public Guid? UserCreated { get; set; }

19 │

20 │ public DateTime? CreatedDate { get; set; }

21 │

22 │ public Guid? UserModified { get; set; }

23 │

24 │ public DateTime? ModifiedDate { get; set; }

25 │

26 │ public bool? Deleted { get; set; }

27 │

28 │ public Guid? UserDeleted { get; set; }

29 │

30 │ public DateTime? DeletedDate { get; set; }

31 │ }

────────────────────────────────────────────────────────────

**📄 AgyChiTietHoatChatDiUng.cs (CS, 31 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AgyChiTietHoatChatDiUng

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaTienSuDiUng { get; set; }

11 │

12 │ public Guid? MaNoiDungDiUng { get; set; }

13 │

14 │ public Guid? MaBenhNhan { get; set; }

15 │

16 │ public Guid? MaHoatChat { get; set; }

17 │

18 │ public Guid? UserCreated { get; set; }

19 │

20 │ public DateTime? CreatedDate { get; set; }

21 │

22 │ public Guid? UserModified { get; set; }

23 │

24 │ public DateTime? ModifiedDate { get; set; }

25 │

26 │ public bool? Deleted { get; set; }

27 │

28 │ public Guid? UserDeleted { get; set; }

29 │

30 │ public DateTime? DeletedDate { get; set; }

31 │ }

────────────────────────────────────────────────────────────

**📄 AgyChiTietTienSuDiUng.cs (CS, 41 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class AgyChiTietTienSuDiUng

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaTienSuDiUng { get; set; }

11 │

12 │ public Guid? MaNoiDungDiUng { get; set; }

13 │

14 │ public int? Stt { get; set; }

15 │

16 │ public string? Code { get; set; }

17 │

18 │ public string? Ten { get; set; }

19 │

20 │ public int? SoLan { get; set; }

21 │

22 │ public bool? Co { get; set; }

23 │

24 │ public string? CauTraLoi { get; set; }

25 │

26 │ public string? BieuHienLamSang { get; set; }

27 │

28 │ public Guid? UserCreated { get; set; }

29 │

30 │ public DateTime? CreatedDate { get; set; }

31 │

32 │ public Guid? UserModified { get; set; }

33 │

34 │ public DateTime? ModifiedDate { get; set; }

35 │

20 │ public decimal? GiaNhap { get; set; }

21 │

22 │ public decimal? SoLuongDauKy { get; set; }

23 │

24 │ public decimal? SoLuongNhap { get; set; }

25 │

26 │ public decimal? SoLuongXuat { get; set; }

27 │

28 │ public decimal? SoLuongXuatTam { get; set; }

29 │

30 │ public decimal? SoLuongTon { get; set; }

31 │

32 │ public bool? TrangThai { get; set; }

33 │

34 │ public bool? TreoNhapKho { get; set; }

35 │

36 │ public string? GhiChu { get; set; }

37 │

38 │ public bool? Bh { get; set; }

39 │

40 │ public decimal? SoLuongXuatTamChuaTh { get; set; }

41 │

42 │ public DateTime? HanSuDung { get; set; }

43 │

44 │ public DateTime? NgayNhapKho { get; set; }

45 │ }

────────────────────────────────────────────────────────────

**📄 MedTonKhoNhaThuoc.cs (CS, 45 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class MedTonKhoNhaThuoc

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public int Nam { get; set; }

11 │

12 │ public int Thang { get; set; }

13 │

14 │ public Guid MaKho { get; set; }

15 │

16 │ public Guid MaCtnhap { get; set; }

17 │

18 │ public Guid MaVatTu { get; set; }

19 │

20 │ public decimal? GiaNhap { get; set; }

21 │

22 │ public decimal? SoLuongDauKy { get; set; }

23 │

24 │ public decimal? SoLuongNhap { get; set; }

25 │

26 │ public decimal? SoLuongXuat { get; set; }

27 │

28 │ public decimal? SoLuongXuatTam { get; set; }

29 │

30 │ public decimal? SoLuongTon { get; set; }

31 │

32 │ public bool? TrangThai { get; set; }

33 │

34 │ public bool? TreoNhapKho { get; set; }

35 │

36 │ public string? GhiChu { get; set; }

37 │

38 │ public bool? Bh { get; set; }

39 │

40 │ public decimal? SoLuongXuatTamChuaTh { get; set; }

41 │

42 │ public DateTime? HanSuDung { get; set; }

43 │

44 │ public DateTime? NgayNhapKho { get; set; }

45 │ }

────────────────────────────────────────────────────────────

**📄 MedTonKhoNhaThuoc.cs (CS, 45 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class MedTonKhoNhaThuoc

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public int Nam { get; set; }

11 │

12 │ public int Thang { get; set; }

13 │

14 │ public Guid MaKho { get; set; }

15 │

16 │ public Guid MaCtnhap { get; set; }

17 │

18 │ public Guid MaVatTu { get; set; }

19 │

20 │ public decimal? GiaNhap { get; set; }

21 │

22 │ public decimal? SoLuongDauKy { get; set; }

23 │

24 │ public decimal? SoLuongNhap { get; set; }

25 │

26 │ public decimal? SoLuongXuat { get; set; }

27 │

28 │ public decimal? SoLuongXuatTam { get; set; }

29 │

30 │ public decimal? SoLuongTon { get; set; }

31 │

32 │ public bool? TrangThai { get; set; }

33 │

34 │ public bool? TreoNhapKho { get; set; }

35 │

36 │ public string? GhiChu { get; set; }

37 │

38 │ public bool? Bh { get; set; }

39 │

40 │ public decimal? SoLuongXuatTamChuaTh { get; set; }

41 │

42 │ public DateTime? HanSuDung { get; set; }

43 │

44 │ public DateTime? NgayNhapKho { get; set; }

45 │ }

────────────────────────────────────────────────────────────

**📄 MedTonKhoThucTe.cs (CS, 33 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class MedTonKhoThucTe

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public int? Nam { get; set; }

11 │

12 │ public int? Thang { get; set; }

13 │

14 │ public Guid? MaKho { get; set; }

15 │

16 │ public Guid? MaCtnhap { get; set; }

17 │

18 │ public Guid? MaVatTu { get; set; }

19 │

20 │ public decimal? GiaNhap { get; set; }

21 │

22 │ public decimal? SoLuongDauKy { get; set; }

23 │

24 │ public decimal? SoLuongNhap { get; set; }

25 │

26 │ public decimal? SoLuongXuat { get; set; }

27 │

28 │ public decimal? SoLuongTon { get; set; }

29 │

30 │ public bool? TrangThai { get; set; }

31 │

32 │ public string? GhiChu { get; set; }

33 │ }

────────────────────────────────────────────────────────────

**📄 MedTonKhoThucTe.cs (CS, 33 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class MedTonKhoThucTe

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public int? Nam { get; set; }

11 │

12 │ public int? Thang { get; set; }

13 │

14 │ public Guid? MaKho { get; set; }

15 │

16 │ public Guid? MaCtnhap { get; set; }

17 │

18 │ public Guid? MaVatTu { get; set; }

19 │

20 │ public decimal? GiaNhap { get; set; }

21 │

22 │ public decimal? SoLuongDauKy { get; set; }

23 │

24 │ public decimal? SoLuongNhap { get; set; }

25 │

26 │ public decimal? SoLuongXuat { get; set; }

27 │

28 │ public decimal? SoLuongTon { get; set; }

29 │

30 │ public bool? TrangThai { get; set; }

31 │

32 │ public string? GhiChu { get; set; }

33 │ }

────────────────────────────────────────────────────────────

**📄 MedTonkhoNha.cs (CS, 29 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class MedTonkhoNha

7 │ {

8 │ public string? MãKho { get; set; }

9 │

10 │ public string? TênKho { get; set; }

11 │

12 │ public string? MãThuốcVậtTư { get; set; }

13 │

14 │ public string? TênThuốcVậtTư { get; set; }

15 │

16 │ public string? ĐơnVịTính { get; set; }

17 │

18 │ public string? SốLô { get; set; }

19 │

20 │ public DateTime? HạnSửDụng { get; set; }

21 │

22 │ public double? SốLượngTồn { get; set; }

23 │

24 │ public double? ĐơnGiáVốn { get; set; }

25 │

26 │ public double? Bhyt { get; set; }

27 │

28 │ public string? NgàySảnXuất { get; set; }

29 │ }

────────────────────────────────────────────────────────────

**📄 MedTrangThaiNhapKho.cs (CS, 27 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class MedTrangThaiNhapKho

7 │ {

8 │ public int Ma { get; set; }

9 │

10 │ public string? Ten { get; set; }

11 │

12 │ public bool? Status { get; set; }

13 │

14 │ public Guid? UserCreated { get; set; }

15 │

16 │ public DateTime? CreatedDate { get; set; }

17 │

18 │ public Guid? UserModified { get; set; }

19 │

20 │ public DateTime? ModifiedDate { get; set; }

21 │

22 │ public bool? Deleted { get; set; }

23 │

24 │ public Guid? UserDeleted { get; set; }

25 │

26 │ public DateTime? DeletedDate { get; set; }

27 │ }

────────────────────────────────────────────────────────────

**📄 MedTrangThaiNhapKho.cs (CS, 27 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class MedTrangThaiNhapKho

7 │ {

8 │ public int Ma { get; set; }

9 │

10 │ public string? Ten { get; set; }

11 │

12 │ public bool? Status { get; set; }

13 │

14 │ public Guid? UserCreated { get; set; }

15 │

16 │ public DateTime? CreatedDate { get; set; }

17 │

18 │ public Guid? UserModified { get; set; }

19 │

20 │ public DateTime? ModifiedDate { get; set; }

21 │

22 │ public bool? Deleted { get; set; }

23 │

24 │ public Guid? UserDeleted { get; set; }

25 │

26 │ public DateTime? DeletedDate { get; set; }

27 │ }

────────────────────────────────────────────────────────────

**📄 MedTrangThaiXuatKho.cs (CS, 27 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class MedTrangThaiXuatKho

7 │ {

8 │ public int Ma { get; set; }

9 │

10 │ public string? Ten { get; set; }

11 │

12 │ public bool? Status { get; set; }

13 │

14 │ public Guid? UserCreated { get; set; }

15 │

16 │ public DateTime? CreatedDate { get; set; }

17 │

18 │ public Guid? UserModified { get; set; }

19 │

20 │ public DateTime? ModifiedDate { get; set; }

21 │

22 │ public bool? Deleted { get; set; }

23 │

24 │ public Guid? UserDeleted { get; set; }

25 │

26 │ public DateTime? DeletedDate { get; set; }

27 │ }

────────────────────────────────────────────────────────────

**📄 MedTrangThaiXuatKho.cs (CS, 27 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class MedTrangThaiXuatKho

7 │ {

8 │ public int Ma { get; set; }

9 │

10 │ public string? Ten { get; set; }

11 │

12 │ public bool? Status { get; set; }

13 │

14 │ public Guid? UserCreated { get; set; }

15 │

16 │ public DateTime? CreatedDate { get; set; }

17 │

18 │ public Guid? UserModified { get; set; }

19 │

20 │ public DateTime? ModifiedDate { get; set; }

21 │

22 │ public bool? Deleted { get; set; }

23 │

24 │ public Guid? UserDeleted { get; set; }

25 │

26 │ public DateTime? DeletedDate { get; set; }

27 │ }

────────────────────────────────────────────────────────────

**📄 MedTuongTacThuoc.cs (CS, 31 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class MedTuongTacThuoc

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public string? Ten { get; set; }

11 │

12 │ public string? DienGiai { get; set; }

13 │

14 │ public bool? TuongTacChongChiDinh { get; set; }

15 │

16 │ public bool? Status { get; set; }

17 │

18 │ public Guid? UserCreated { get; set; }

19 │

20 │ public DateTime? CreatedDate { get; set; }

21 │

22 │ public Guid? UserModified { get; set; }

23 │

24 │ public DateTime? ModifiedDate { get; set; }

25 │

26 │ public bool? Deleted { get; set; }

27 │

28 │ public Guid? UserDeleted { get; set; }

29 │

30 │ public DateTime? DeletedDate { get; set; }

31 │ }

────────────────────────────────────────────────────────────

**📄 MedTuongTacThuoc.cs (CS, 31 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class MedTuongTacThuoc

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public string? Ten { get; set; }

11 │

12 │ public string? DienGiai { get; set; }

13 │

14 │ public bool? TuongTacChongChiDinh { get; set; }

15 │

16 │ public bool? Status { get; set; }

17 │

18 │ public Guid? UserCreated { get; set; }

19 │

20 │ public DateTime? CreatedDate { get; set; }

21 │

22 │ public Guid? UserModified { get; set; }

23 │

24 │ public DateTime? ModifiedDate { get; set; }

25 │

26 │ public bool? Deleted { get; set; }

27 │

28 │ public Guid? UserDeleted { get; set; }

29 │

30 │ public DateTime? DeletedDate { get; set; }

31 │ }

────────────────────────────────────────────────────────────

**📄 MedVatTu.cs (CS, 119 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class MedVatTu

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaLoai { get; set; }

11 │

12 │ public Guid? MaNhom { get; set; }

13 │

14 │ public Guid? MaHangHoa { get; set; }

15 │

16 │ public string? Code { get; set; }

17 │

18 │ public string? MaVach { get; set; }

19 │

20 │ public string? Ten { get; set; }

21 │

22 │ public string? TenVietTat { get; set; }

23 │

24 │ public string? TenBh { get; set; }

25 │

26 │ public string? HamLuong { get; set; }

27 │

28 │ public bool? Bhxh { get; set; }

29 │

30 │ public decimal? TiLeThanhToanBh { get; set; }

31 │

32 │ public Guid? MaDvt { get; set; }

33 │

34 │ public Guid? MaDuongDung { get; set; }

35 │

36 │ public string? DongGoi { get; set; }

37 │

38 │ public Guid? MaNhaSx { get; set; }

39 │

40 │ public Guid? MaNuocSx { get; set; }

41 │

42 │ public string? SoDangKy { get; set; }

43 │

44 │ public Guid? MaNhaCc { get; set; }

45 │

46 │ public string? QuyetDinh { get; set; }

47 │

48 │ public DateTime? NgayCongBo { get; set; }

49 │

50 │ public DateTime? NgayHetHan { get; set; }

51 │

52 │ public int? SoLuongThau { get; set; }

53 │

54 │ public int? SoLuongSd { get; set; }

55 │

56 │ public decimal? GiaNhap { get; set; }

57 │

58 │ public decimal? GiaBanBh { get; set; }

59 │

60 │ public decimal? GiaBanNn { get; set; }

61 │

62 │ public decimal? GiaBanDv { get; set; }

63 │

64 │ public decimal? GiaBanNhaThuoc { get; set; }

65 │

66 │ public string? MaAnhXa { get; set; }

67 │

68 │ public string? TenAnhXa { get; set; }

69 │

70 │ public double? IdanhXa { get; set; }

71 │

72 │ public decimal? TyLeThanhToan { get; set; }

73 │

74 │ public int? ThoiHanThanhToan { get; set; }

75 │

76 │ public int? VacxinId { get; set; }

77 │

78 │ public double? TheTich { get; set; }

79 │

80 │ public decimal? ChietKhauTm { get; set; }

81 │

82 │ public decimal? ChietKhauPer { get; set; }

83 │

84 │ public bool? CksauThue { get; set; }

85 │

86 │ public decimal? ThueVat { get; set; }

87 │

88 │ public bool? Status { get; set; }

89 │

90 │ public Guid? UserCreated { get; set; }

91 │

92 │ public DateTime? CreatedDate { get; set; }

93 │

94 │ public Guid? UserModified { get; set; }

95 │

96 │ public DateTime? ModifiedDate { get; set; }

97 │

98 │ public bool? Deleted { get; set; }

99 │

100 │ public Guid? UserDeleted { get; set; }

101 │

102 │ public DateTime? DeletedDate { get; set; }

103 │

104 │ public Guid? MaLoaiVatTu { get; set; }

105 │

106 │ public Guid? MaDangBaoChe { get; set; }

107 │

108 │ public string? TtThau { get; set; }

109 │

110 │ public string? MaPhanMemCu { get; set; }

111 │

112 │ public bool? KhongHienTrenToDieuTri { get; set; }

113 │

114 │ public decimal? SoLuongMin { get; set; }

115 │

116 │ public decimal? SoLuongMax { get; set; }

117 │

118 │ public string? ChanDoanBatBuoc { get; set; }

119 │ }

────────────────────────────────────────────────────────────

**📄 MedVatTu.cs (CS, 119 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class MedVatTu

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaLoai { get; set; }

11 │

12 │ public Guid? MaNhom { get; set; }

13 │

14 │ public Guid? MaHangHoa { get; set; }

15 │

16 │ public string? Code { get; set; }

17 │

18 │ public string? MaVach { get; set; }

19 │

20 │ public string? Ten { get; set; }

21 │

22 │ public string? TenVietTat { get; set; }

23 │

24 │ public string? TenBh { get; set; }

25 │

26 │ public string? HamLuong { get; set; }

27 │

28 │ public bool? Bhxh { get; set; }

29 │

30 │ public decimal? TiLeThanhToanBh { get; set; }

31 │

32 │ public Guid? MaDvt { get; set; }

33 │

34 │ public Guid? MaDuongDung { get; set; }

35 │

36 │ public string? DongGoi { get; set; }

37 │

38 │ public Guid? MaNhaSx { get; set; }

39 │

40 │ public Guid? MaNuocSx { get; set; }

41 │

42 │ public string? SoDangKy { get; set; }

43 │

44 │ public Guid? MaNhaCc { get; set; }

45 │

46 │ public string? QuyetDinh { get; set; }

47 │

48 │ public DateTime? NgayCongBo { get; set; }

49 │

50 │ public DateTime? NgayHetHan { get; set; }

51 │

52 │ public int? SoLuongThau { get; set; }

53 │

54 │ public int? SoLuongSd { get; set; }

55 │

56 │ public decimal? GiaNhap { get; set; }

57 │

58 │ public decimal? GiaBanBh { get; set; }

59 │

60 │ public decimal? GiaBanNn { get; set; }

61 │

62 │ public decimal? GiaBanDv { get; set; }

63 │

64 │ public decimal? GiaBanNhaThuoc { get; set; }

65 │

66 │ public string? MaAnhXa { get; set; }

67 │

68 │ public string? TenAnhXa { get; set; }

69 │

70 │ public double? IdanhXa { get; set; }

71 │

72 │ public decimal? TyLeThanhToan { get; set; }

73 │

74 │ public int? ThoiHanThanhToan { get; set; }

75 │

76 │ public int? VacxinId { get; set; }

77 │

78 │ public double? TheTich { get; set; }

79 │

80 │ public decimal? ChietKhauTm { get; set; }

81 │

82 │ public decimal? ChietKhauPer { get; set; }

83 │

84 │ public bool? CksauThue { get; set; }

85 │

86 │ public decimal? ThueVat { get; set; }

87 │

88 │ public bool? Status { get; set; }

89 │

90 │ public Guid? UserCreated { get; set; }

91 │

92 │ public DateTime? CreatedDate { get; set; }

93 │

94 │ public Guid? UserModified { get; set; }

95 │

96 │ public DateTime? ModifiedDate { get; set; }

97 │

98 │ public bool? Deleted { get; set; }

99 │

100 │ public Guid? UserDeleted { get; set; }

101 │

102 │ public DateTime? DeletedDate { get; set; }

103 │

104 │ public Guid? MaLoaiVatTu { get; set; }

105 │

106 │ public Guid? MaDangBaoChe { get; set; }

107 │

108 │ public string? TtThau { get; set; }

109 │

110 │ public string? MaPhanMemCu { get; set; }

111 │

112 │ public bool? KhongHienTrenToDieuTri { get; set; }

113 │

114 │ public decimal? SoLuongMin { get; set; }

115 │

116 │ public decimal? SoLuongMax { get; set; }

117 │

118 │ public string? ChanDoanBatBuoc { get; set; }

119 │ }

────────────────────────────────────────────────────────────

**📄 MedVatTuAnhXa.cs (CS, 77 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class MedVatTuAnhXa

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public double? Stt { get; set; }

11 │

12 │ public string? MaVatTu { get; set; }

13 │

14 │ public string? NhomVatTu { get; set; }

15 │

16 │ public string? TenVatTu { get; set; }

17 │

18 │ public string? MaHieu { get; set; }

19 │

20 │ public string? QuyCach { get; set; }

21 │

22 │ public string? HangSx { get; set; }

23 │

24 │ public string? NuocSx { get; set; }

25 │

26 │ public string? DonViTinh { get; set; }

27 │

28 │ public double? DonGia { get; set; }

29 │

30 │ public double? DonGiaBh { get; set; }

31 │

32 │ public double? TyleTtBh { get; set; }

33 │

34 │ public double? SoLuong { get; set; }

35 │

36 │ public string? DinhMuc { get; set; }

37 │

38 │ public string? NhaThau { get; set; }

39 │

40 │ public string? TtThau { get; set; }

41 │

42 │ public string? TuNgay { get; set; }

43 │

44 │ public string? DenNgayHd { get; set; }

45 │

46 │ public string? MaCskcb { get; set; }

47 │

48 │ public double? LoaiThau { get; set; }

49 │

50 │ public string? HtThau { get; set; }

51 │

52 │ public string? Denngay { get; set; }

53 │

54 │ public double? Id { get; set; }

55 │

56 │ public bool? DaAnhXa { get; set; }

57 │

58 │ public Guid? UserCreated { get; set; }

59 │

60 │ public DateTime? CreatedDate { get; set; }

61 │

62 │ public Guid? UserModified { get; set; }

63 │

64 │ public DateTime? ModifiedDate { get; set; }

65 │

66 │ public bool? Deleted { get; set; }

67 │

68 │ public Guid? UserDeleted { get; set; }

69 │

70 │ public DateTime? DeletedDate { get; set; }

71 │

72 │ public string? ApDungTuNgay { get; set; }

73 │

74 │ public string? ApDungDenNgay { get; set; }

75 │

76 │ public Guid? MaVatTu1 { get; set; }

77 │ }

────────────────────────────────────────────────────────────

**📄 MedVatTuAnhXa.cs (CS, 77 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class MedVatTuAnhXa

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public double? Stt { get; set; }

11 │

12 │ public string? MaVatTu { get; set; }

13 │

14 │ public string? NhomVatTu { get; set; }

15 │

16 │ public string? TenVatTu { get; set; }

17 │

18 │ public string? MaHieu { get; set; }

19 │

20 │ public string? QuyCach { get; set; }

21 │

22 │ public string? HangSx { get; set; }

23 │

24 │ public string? NuocSx { get; set; }

25 │

26 │ public string? DonViTinh { get; set; }

27 │

28 │ public double? DonGia { get; set; }

29 │

30 │ public double? DonGiaBh { get; set; }

31 │

32 │ public double? TyleTtBh { get; set; }

33 │

34 │ public double? SoLuong { get; set; }

35 │

36 │ public string? DinhMuc { get; set; }

37 │

38 │ public string? NhaThau { get; set; }

39 │

40 │ public string? TtThau { get; set; }

41 │

42 │ public string? TuNgay { get; set; }

43 │

44 │ public string? DenNgayHd { get; set; }

45 │

46 │ public string? MaCskcb { get; set; }

47 │

48 │ public double? LoaiThau { get; set; }

49 │

50 │ public string? HtThau { get; set; }

51 │

52 │ public string? Denngay { get; set; }

53 │

54 │ public double? Id { get; set; }

55 │

56 │ public bool? DaAnhXa { get; set; }

57 │

58 │ public Guid? UserCreated { get; set; }

59 │

60 │ public DateTime? CreatedDate { get; set; }

61 │

62 │ public Guid? UserModified { get; set; }

63 │

64 │ public DateTime? ModifiedDate { get; set; }

65 │

66 │ public bool? Deleted { get; set; }

67 │

68 │ public Guid? UserDeleted { get; set; }

69 │

70 │ public DateTime? DeletedDate { get; set; }

71 │

72 │ public string? ApDungTuNgay { get; set; }

73 │

74 │ public string? ApDungDenNgay { get; set; }

75 │

76 │ public Guid? MaVatTu1 { get; set; }

77 │ }

────────────────────────────────────────────────────────────

**📄 MedVatTuQuyDoiDvt.cs (CS, 33 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class MedVatTuQuyDoiDvt

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaVatTu { get; set; }

11 │

12 │ public Guid? MaDvtnhapKho { get; set; }

13 │

14 │ public decimal? SoLuong { get; set; }

15 │

16 │ public decimal? SoLuongQuyDoi { get; set; }

17 │

18 │ public Guid? MaDvttonKho { get; set; }

19 │

20 │ public Guid? UserCreated { get; set; }

21 │

22 │ public DateTime? CreatedDate { get; set; }

23 │

24 │ public Guid? UserModified { get; set; }

25 │

26 │ public DateTime? ModifiedDate { get; set; }

27 │

28 │ public bool? Deleted { get; set; }

29 │

30 │ public Guid? UserDeleted { get; set; }

31 │

32 │ public DateTime? DeletedDate { get; set; }

33 │ }

────────────────────────────────────────────────────────────

**📄 MedVatTuQuyDoiDvt.cs (CS, 33 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class MedVatTuQuyDoiDvt

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaVatTu { get; set; }

11 │

12 │ public Guid? MaDvtnhapKho { get; set; }

13 │

14 │ public decimal? SoLuong { get; set; }

15 │

16 │ public decimal? SoLuongQuyDoi { get; set; }

17 │

18 │ public Guid? MaDvttonKho { get; set; }

19 │

20 │ public Guid? UserCreated { get; set; }

21 │

22 │ public DateTime? CreatedDate { get; set; }

23 │

24 │ public Guid? UserModified { get; set; }

25 │

26 │ public DateTime? ModifiedDate { get; set; }

27 │

28 │ public bool? Deleted { get; set; }

29 │

30 │ public Guid? UserDeleted { get; set; }

31 │

32 │ public DateTime? DeletedDate { get; set; }

33 │ }

────────────────────────────────────────────────────────────

**📄 MedXuatKho.cs (CS, 71 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class MedXuatKho

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaPhongBan { get; set; }

11 │

12 │ public int? MaLoaiXuat { get; set; }

13 │

14 │ public string? SoPhieu { get; set; }

15 │

16 │ public Guid? MaKhoDeNghi { get; set; }

17 │

18 │ public Guid? MaKhoXuat { get; set; }

19 │

20 │ public DateTime? NgayLap { get; set; }

21 │

22 │ public DateTime? NgayDuyet { get; set; }

23 │

24 │ public Guid? NguoiDuyet { get; set; }

25 │

26 │ public int? TrangThai { get; set; }

27 │

28 │ public string? DienGiai { get; set; }

29 │

30 │ public Guid? MaChuTichHoiDong { get; set; }

31 │

32 │ public Guid? MaThuKy { get; set; }

33 │

34 │ public Guid? MaKeToan { get; set; }

35 │

36 │ public Guid? MaQuanLyKhoDuoc { get; set; }

37 │

38 │ public Guid? MaThongTinKham { get; set; }

39 │

40 │ public string? MaToaThuoc { get; set; }

41 │

42 │ public Guid? MaThucHienYlenh { get; set; }

43 │

44 │ public int? SeqSoPhieu { get; set; }

45 │

46 │ public Guid? UserCreated { get; set; }

47 │

48 │ public DateTime? CreatedDate { get; set; }

49 │

50 │ public Guid? UserModified { get; set; }

51 │

52 │ public DateTime? ModifiedDate { get; set; }

53 │

54 │ public bool? Deleted { get; set; }

55 │

56 │ public Guid? UserDeleted { get; set; }

57 │

58 │ public DateTime? DeletedDate { get; set; }

59 │

60 │ public string? MaHoanTra { get; set; }

61 │

62 │ public Guid? MaNgoaiTruVienPhi { get; set; }

63 │

64 │ public DateTime? NgayDuyetThucTe { get; set; }

65 │

66 │ public Guid? NguoiNhan { get; set; }

67 │

68 │ public DateTime? NgayNhan { get; set; }

69 │

70 │ public DateTime? NgayIn { get; set; }

71 │ }

────────────────────────────────────────────────────────────

**📄 MedXuatKho.cs (CS, 71 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class MedXuatKho

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaPhongBan { get; set; }

11 │

12 │ public int? MaLoaiXuat { get; set; }

13 │

14 │ public string? SoPhieu { get; set; }

15 │

16 │ public Guid? MaKhoDeNghi { get; set; }

17 │

18 │ public Guid? MaKhoXuat { get; set; }

19 │

20 │ public DateTime? NgayLap { get; set; }

21 │

22 │ public DateTime? NgayDuyet { get; set; }

23 │

24 │ public Guid? NguoiDuyet { get; set; }

25 │

26 │ public int? TrangThai { get; set; }

27 │

28 │ public string? DienGiai { get; set; }

29 │

30 │ public Guid? MaChuTichHoiDong { get; set; }

31 │

32 │ public Guid? MaThuKy { get; set; }

33 │

34 │ public Guid? MaKeToan { get; set; }

35 │

36 │ public Guid? MaQuanLyKhoDuoc { get; set; }

37 │

38 │ public Guid? MaThongTinKham { get; set; }

39 │

40 │ public string? MaToaThuoc { get; set; }

41 │

42 │ public Guid? MaThucHienYlenh { get; set; }

43 │

44 │ public int? SeqSoPhieu { get; set; }

45 │

46 │ public Guid? UserCreated { get; set; }

47 │

48 │ public DateTime? CreatedDate { get; set; }

49 │

50 │ public Guid? UserModified { get; set; }

51 │

52 │ public DateTime? ModifiedDate { get; set; }

53 │

54 │ public bool? Deleted { get; set; }

55 │

56 │ public Guid? UserDeleted { get; set; }

57 │

58 │ public DateTime? DeletedDate { get; set; }

59 │

60 │ public string? MaHoanTra { get; set; }

61 │

62 │ public Guid? MaNgoaiTruVienPhi { get; set; }

63 │

64 │ public DateTime? NgayDuyetThucTe { get; set; }

65 │

66 │ public Guid? NguoiNhan { get; set; }

67 │

68 │ public DateTime? NgayNhan { get; set; }

69 │

70 │ public DateTime? NgayIn { get; set; }

71 │ }

────────────────────────────────────────────────────────────

**📄 Medchanvtyt.cs (CS, 31 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class Medchanvtyt

7 │ {

8 │ public string? MãKho { get; set; }

9 │

10 │ public string? TênKho { get; set; }

11 │

12 │ public string? MãCũ { get; set; }

13 │

14 │ public string? MãThuốcVậtTư { get; set; }

15 │

16 │ public string? TênThuốcVậtTư { get; set; }

17 │

18 │ public string? ĐơnVịTính { get; set; }

19 │

20 │ public string? SốLô { get; set; }

21 │

22 │ public DateTime? HạnSửDụng { get; set; }

23 │

24 │ public double? SốLượngTồn { get; set; }

25 │

26 │ public double? ĐơnGiáVốn { get; set; }

27 │

28 │ public double? Bhyt { get; set; }

29 │

30 │ public string? NgàySảnXuất { get; set; }

31 │ }

────────────────────────────────────────────────────────────

**📄 Medkhochan.cs (CS, 31 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class Medkhochan

7 │ {

8 │ public string? MãKho { get; set; }

9 │

10 │ public string? TênKho { get; set; }

11 │

12 │ public string? MãCũ { get; set; }

13 │

14 │ public string? MãThuốcVậtTư { get; set; }

15 │

16 │ public string? TênThuốcVậtTư { get; set; }

17 │

18 │ public string? ĐơnVịTính { get; set; }

19 │

20 │ public string? SốLô { get; set; }

21 │

22 │ public DateTime? HạnSửDụng { get; set; }

23 │

24 │ public double? SốLượngTồn { get; set; }

25 │

26 │ public double? ĐơnGiáVốn { get; set; }

27 │

28 │ public string? Bhyt { get; set; }

29 │

30 │ public string? NgàySảnXuất { get; set; }

31 │ }

────────────────────────────────────────────────────────────

**📄 MemoryCacheManager.cs (CS, 170 lines)**

1 │ ﻿using Microsoft.CodeAnalysis.CSharp.Syntax;

2 │ using Microsoft.EntityFrameworkCore.Metadata.Internal;

3 │ using Microsoft.Extensions.Caching.Distributed;

4 │ using Microsoft.Extensions.Caching.Memory;

5 │ using Microsoft.Extensions.Options;

6 │ using Newtonsoft.Json;

7 │ using StackExchange.Redis;

8 │ using System.Threading.Channels;

9 │ using static HongHungHIS.Common.Exten;

10 │

11 │ namespace HongHungHIS.Common

12 │ {

13 │ public sealed class MemoryCacheManager : IMemoryCache

14 │ {

15 │ private readonly IOptions<MemoryCacheOptions> \_optionsAccessor;

16 │ private readonly IConnectionMultiplexer \_redis;

17 │ private static List<string> \_key = new List<string>();

18 │ private IMemoryCache \_inner;

19 │ private static MemoryCacheEntryOptions cacheEntryOptions = new MemoryCacheEntryOptions().SetSlidingExpiration(Ti...

20 │ private string channelRemove = "MemoryCache\_Remove";

21 │ private string channelContains = "MemoryCache\_Contains";

22 │ public MemoryCacheManager(IConnectionMultiplexer redis, IOptions<MemoryCacheOptions> optionsAccessor)

23 │ {

24 │ \_optionsAccessor = optionsAccessor;

25 │ \_inner = new MemoryCache(\_optionsAccessor);

26 │ \_redis = redis;

27 │ Subscribe();

28 │ }

29 │ public void Subscribe()

30 │ {

31 │ var subscriber = \_redis.GetSubscriber();

32 │ subscriber.Subscribe(RedisChannel.Literal(channelRemove), (redisChannel, message) =>

33 │ {

34 │ \_inner.Remove(message);

35 │ });

36 │ subscriber.Subscribe(RedisChannel.Literal(channelContains), (redisChannel, message) =>

37 │ {

38 │ Clear(t => t.Contains(message));

39 │ });

40 │ }

41 │

42 │ public void Reset()

43 │ {

44 │ var old = \_inner;

45 │ \_inner = new MemoryCache(\_optionsAccessor);

46 │ old.Dispose();

47 │ }

48 │

49 │ public void Dispose() => \_inner.Dispose();

50 │

51 │ public ICacheEntry CreateEntry(object key) => \_inner.CreateEntry(key);

52 │

53 │ public void Remove(object key)

54 │ {

55 │ \_redis.GetSubscriber().Publish(RedisChannel.Literal(channelRemove), (string)key);

56 │ }

57 │

58 │ public string GenerateKey(string seed)

59 │ {

60 │ return Utility.GetSHA256("memory-cache-key-" + seed);

61 │ }

62 │

63 │ public T GetValueObject<T>(string key, CallBack<T> callBack, MemoryCacheEntryOptions? option = null)

64 │ {

65 │ if (!TryGetValue(key, out object obj))

66 │ {

67 │ obj = callBack();

68 │ if(obj != null)

69 │ {

70 │ try

71 │ {

72 │ Set(key, obj, option ?? cacheEntryOptions);

73 │ if (!\_key.Any(t => t == key))

74 │ {

75 │ \_key.Add(key);

76 │ }

77 │ }

78 │ catch { }

79 │ }

80 │ }

81 │ return (T)obj ?? Activator.CreateInstance<T>();

82 │ }

83 │

84 │ public T GetValue<T>(string key, CallBack<T> callBack, TimeSpan time)

85 │ {

86 │ if (!TryGetValue(key, out object obj))

87 │ {

88 │ obj = callBack();

89 │ if (obj != null)

90 │ {

91 │ try

92 │ {

93 │ Set(key, obj, new MemoryCacheEntryOptions().SetSlidingExpiration(time));

94 │ if (!\_key.Any(t => t == key))

95 │ {

96 │ \_key.Add(key);

97 │ }

98 │ }

99 │ catch { }

100 │ }

101 │ }

102 │ return JsonConvert.DeserializeObject<T>(JsonConvert.SerializeObject(obj));

103 │ }

104 │

105 │ public T GetValue<T>(string key, CallBack<T> callBack, MemoryCacheEntryOptions? option = null)

106 │ {

107 │ if (!TryGetValue(key, out object obj))

108 │ {

109 │ obj = callBack();

110 │ if (obj != null)

111 │ {

112 │ try

113 │ {

114 │ Set(key, obj, option ?? cacheEntryOptions);

115 │ if (!\_key.Any(t => t == key))

116 │ {

117 │ \_key.Add(key);

118 │ }

119 │ }

120 │ catch { }

121 │ }

122 │ }

123 │ return JsonConvert.DeserializeObject<T>(JsonConvert.SerializeObject(obj));

124 │ }

125 │

126 │ public TItem Set<TItem>(object key, TItem value) => \_inner.Set(key, value);

127 │ public TItem Set<TItem>(object key, TItem value, MemoryCacheEntryOptions options) => \_inner.Set(key, value, opti...

128 │ public async Task<T> GetValueAsync<T>(string key, CallBackAsync<T> callBack, MemoryCacheEntryOptions? option = n...

129 │ {

130 │ if (!TryGetValue(key, out object obj))

131 │ {

132 │ obj = await callBack();

133 │ if (obj != null)

134 │ {

135 │ try

136 │ {

137 │ Set(key, obj, option ?? cacheEntryOptions);

138 │ if (!\_key.Any(t => t == key))

139 │ {

140 │ \_key.Add(key);

141 │ }

142 │ }

143 │ catch { }

144 │ }

145 │ }

146 │ return JsonConvert.DeserializeObject<T>(JsonConvert.SerializeObject(obj));

147 │ }

148 │ public void ClearContain(string content)

149 │ {

150 │ \_redis.GetSubscriber().Publish(RedisChannel.Literal(channelContains), content);

151 │ }

152 │ public void Clear(Func<string, bool>? predicate)

153 │ {

154 │ List<string> keyRemove = new List<string>();

155 │ foreach (var k in predicate != null ? \_key.Where(predicate) : \_key)

156 │ {

157 │ try

158 │ {

159 │ keyRemove.Add(k);

160 │ }

161 │ catch { }

162 │ }

163 │ foreach (var key in keyRemove)

164 │ {

165 │ \_inner.Remove(key);

166 │ }

167 │ }

168 │ public bool TryGetValue(object key, out object value) => \_inner.TryGetValue(key, out value);

169 │ }

170 │ }

────────────────────────────────────────────────────────────

**📄 MenuController.cs (CS, 87 lines)**

1 │ ﻿using HongHungHIS.Common;

2 │ using HongHungHIS.Common.Attributes;

3 │ using HongHungHIS.Models.APIModels;

4 │ using HongHungHIS.Models.Entity;

5 │ //using HongHungHIS.Models.ExModel.CAT;

6 │ using HongHungHIS.Models.ExModel.SYS;

7 │ using Microsoft.AspNetCore.Mvc;

8 │ using Microsoft.EntityFrameworkCore;

9 │ using Microsoft.EntityFrameworkCore.Metadata.Internal;

10 │ using System.Drawing;

11 │

12 │ namespace HongHungHIS.Controllers.SYS

13 │ {

14 │ public class MenuController : BaseController

15 │ {

16 │ public MenuController(HisHhhContext dbcontext, MemoryCacheManager memoryCache) : base(dbcontext, memoryCache)

17 │ {

18 │ m\_MenuID = MenuID.sysMenu.GetEnumGuid();

19 │ }

20 │ [TokenUserCheckHTTP()]

21 │ public IActionResult Index()

22 │ {

23 │ ViewData["ListData"] = new sys\_MenuModel(dbcontext).GetData();

24 │ ViewData["ListDataNhomGiaoDien"] = new sys\_NhomGiaoDienModel(dbcontext).GetData();

25 │ //ViewData["ListDataPhongKham"] = new cat\_PhongKhamModel(dbcontext).GetData();

26 │ return View();

27 │ }

28 │ [TokenUserCheckHTTP(Permission.Add)]

29 │ public IActionResult Add()

30 │ {

31 │ ViewData["ListMenu"] = new sys\_MenuModel(dbcontext).GetData().Where(t => (t.Status ?? false)).ToList();

32 │ ViewData["ListDataNhomGiaoDien"] = new sys\_NhomGiaoDienModel(dbcontext).GetData();

33 │ //ViewData["ListDataPhongKham"] = new cat\_PhongKhamModel(dbcontext).GetData();

34 │ return View("Form");

35 │ }

36 │

37 │ [TokenUserCheckHTTP(Permission.Edit)]

38 │ public IActionResult Edit(string ID)

39 │ {

40 │ //

41 │ ViewData["item"] = new sys\_MenuModel(dbcontext).GetItem(ID.GetGuid());

42 │ ViewData["ListMenu"] = new sys\_MenuModel(dbcontext).GetData().Where(t => (t.Status ?? false)).ToList();

43 │ ViewData["ListDataNhomGiaoDien"] = new sys\_NhomGiaoDienModel(dbcontext).GetData();

44 │ //ViewData["ListDataPhongKham"] = new cat\_PhongKhamModel(dbcontext).GetData();

45 │ return View("Form");

46 │ }

47 │

48 │ [HttpPost]

49 │ [TokenUserCheckHTTP(Permission.Edit)]

50 │ public IActionResult UpdateAPI(string ID, string Code, string ParentID, string Name, string Sequence, string Lin...

51 │ , string Icon, string Status, string ChildOfMenu, string UsingFor, string NhomGiaoDien, string MaPhongKham)

52 │ {

53 │

54 │ int result = new sys\_MenuModel(dbcontext).Edit(ID.GetGuid(), Code, ParentID.GetGuidNull(), Name, Cast.ToInt(...

55 │ , Link, Icon, Status == "1", objToken!.userid, ChildOfMenu.GetGuidNull(), UsingFor, NhomGiao...

56 │ memoryCache.ClearContain(HISConst.cacheKeyMenu);

57 │ return Json(Utility.MakeResponseFromEditResult(Cast.ToString(result)));

58 │ }

59 │

60 │ [HttpPost]

61 │ [TokenUserCheckHTTP(Permission.Add)]

62 │ public IActionResult AddAPI(string ID, string Code, string ParentID, string Name, string Sequence, string Link

63 │ , string Icon, string Status, string ChildOfMenu, string UsingFor, string NhomGiaoDien, string MaPhongKham)

64 │ {

65 │

66 │ var result = new sys\_MenuModel(dbcontext).Add(Code, ParentID.GetGuidNull(), Name, Cast.ToInt(Sequence), Link...

67 │ Icon, Status == "1", objToken!.userid, ChildOfMenu.GetGuidNull(), UsingFor, NhomGiaoDien.GetGuidNull(), ...

68 │ memoryCache.ClearContain(HISConst.cacheKeyMenu);

69 │ if (result.row > 0 && (Link + "").ToLower().Contains("menuid="))

70 │ {

71 │ new sys\_MenuModel(dbcontext).Edit(result.id ?? Utility.defaultUID, Code, ParentID.GetGuidNull(), Name, C...

72 │ , Link + result.id.ToString(), Icon, Status == "1", objToken!.userid, ChildOfMenu.GetGuidNul...

73 │ }

74 │ return Json(Utility.MakeResponseFromAddResult(Cast.ToString(result.row)));

75 │ }

76 │

77 │ [HttpPost]

78 │ [TokenUserCheckHTTP(Permission.Delete)]

79 │ public IActionResult DeleteAPI(string ID)

80 │ {

81 │ //

82 │ int result = new sys\_MenuModel(dbcontext).Delete(ID.GetGuid(), objToken!.userid);

83 │ memoryCache.ClearContain(HISConst.cacheKeyMenu);

84 │ return Json(Utility.MakeResponseFromDeleteResult(result+""));

85 │ }

86 │ }

87 │ }

────────────────────────────────────────────────────────────

**📄 MesThongBaoApp.cs (CS, 43 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.Entity;

5 │

6 │ public partial class MesThongBaoApp

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaUser { get; set; }

11 │

12 │ public string? TieuDe { get; set; }

13 │

14 │ public string? NoiDung { get; set; }

15 │

16 │ public bool? DaXem { get; set; }

17 │

18 │ public Guid? UserCreated { get; set; }

19 │

20 │ public DateTime? CreatedDate { get; set; }

21 │

22 │ public Guid? UserModified { get; set; }

23 │

24 │ public DateTime? ModifiedDate { get; set; }

25 │

26 │ public bool? Deleted { get; set; }

27 │

28 │ public Guid? UserDeleted { get; set; }

29 │

30 │ public DateTime? DeletedDate { get; set; }

31 │

32 │ public string? Action { get; set; }

33 │

34 │ public bool? DaThucHien { get; set; }

35 │

36 │ public string? LoaiHoSo { get; set; }

37 │

38 │ public string? LoaiChuKy { get; set; }

39 │

40 │ public string? FilePath { get; set; }

41 │

42 │ public string? MaHoSo { get; set; }

43 │ }

────────────────────────────────────────────────────────────

**📄 MesThongBaoApp.cs (CS, 43 lines)**

1 │ ﻿using System;

2 │ using System.Collections.Generic;

3 │

4 │ namespace HongHungHIS.Models.EntityHISREPORT;

5 │

6 │ public partial class MesThongBaoApp

7 │ {

8 │ public Guid Ma { get; set; }

9 │

10 │ public Guid? MaUser { get; set; }

11 │

12 │ public string? TieuDe { get; set; }

13 │

14 │ public string? NoiDung { get; set; }

15 │

16 │ public bool? DaXem { get; set; }

17 │

18 │ public Guid? UserCreated { get; set; }

19 │

20 │ public DateTime? CreatedDate { get; set; }

21 │

22 │ public Guid? UserModified { get; set; }

23 │

24 │ public DateTime? ModifiedDate { get; set; }

25 │

26 │ public bool? Deleted { get; set; }

27 │

28 │ public Guid? UserDeleted { get; set; }

29 │

30 │ public DateTime? DeletedDate { get; set; }

31 │

32 │ public string? Action { get; set; }

33 │

34 │ public bool? DaThucHien { get; set; }

35 │

36 │ public string? LoaiHoSo { get; set; }

37 │

38 │ public string? LoaiChuKy { get; set; }

39 │

40 │ public string? FilePath { get; set; }

41 │

42 │ public string? MaHoSo { get; set; }

43 │ }

────────────────────────────────────────────────────────────

**📄 MiddlewareLogAPI.cs (CS, 151 lines)**

1 │ ﻿using HongHungHIS.Models.APIModels;

2 │ using HongHungHIS.Models.Entity;

3 │ using HongHungHIS.Models.EntityHisLog;

4 │ using Microsoft.EntityFrameworkCore;

5 │ using Microsoft.IdentityModel.Tokens;

6 │ using Newtonsoft.Json;

7 │ using Newtonsoft.Json.Linq;

8 │ using StackExchange.Redis;

9 │ using System.Diagnostics;

10 │ using System.IO;

11 │ using System.Text;

12 │ using static System.Net.Mime.MediaTypeNames;

13 │

14 │

15 │ namespace HongHungHIS.Common

16 │ {

17 │ public class MiddlewareLogAPI

18 │ {

19 │ private readonly RequestDelegate \_next;

20 │ public MiddlewareLogAPI(RequestDelegate next)

21 │ {

22 │ \_next = next;

23 │ }

24 │ public async Task Invoke(HttpContext context)

25 │ {

26 │ if (context.Request.Method == HttpMethods.Post && !context.Request.Path.ToString().Contains("ResultFaceCaptu...

27 │ {

28 │ context.Request.Headers.TryGetValue("token", out var tokens);

29 │ bool isNext = false;

30 │ try

31 │ {

32 │ var \_hisHhhContext = context.RequestServices.GetRequiredService<HisHhhContext>();

33 │ string requestBody = "";

34 │ string responseBody = "";

35 │ string token = tokens.FirstOrDefault() ?? "";

36 │ UserToken? user = token.Contains(".") ? new UserToken(JsonConvert.DeserializeObject<JObject>(

37 │ Utility.Base64Decode(token.Split('.')[0]))) : null;

38 │ string ip = "";

39 │ if (context.Request.Headers.TryGetValue("X-Real-IP", out var ips))

40 │ {

41 │ ip = ips.FirstOrDefault() ?? "";

42 │ }

43 │ var request = context.Request;

44 │ if (request.Method == HttpMethods.Post && request.ContentLength > 0)

45 │ {

46 │ request.EnableBuffering();

47 │ var buffer = new byte[Convert.ToInt32(request.ContentLength)];

48 │ await request.Body.ReadAsync(buffer, 0, buffer.Length);

49 │ requestBody = Encoding.UTF8.GetString(buffer);

50 │ request.Body.Position = 0;

51 │ }

52 │ var watch = Stopwatch.StartNew();

53 │ if (\_hisHhhContext.SysVariable.Any(t => t.Code == "LogResponse" && t.Value == "1"))

54 │ {

55 │ Stream originalBody = context.Response.Body;

56 │ try

57 │ {

58 │ using (var memStream = new MemoryStream())

59 │ {

60 │ context.Response.Body = memStream;

61 │ await \_next(context);

62 │ isNext = true;

63 │

64 │ memStream.Position = 0;

65 │ responseBody = new StreamReader(memStream).ReadToEnd();

66 │

67 │ memStream.Position = 0;

68 │ await memStream.CopyToAsync(originalBody);

69 │ }

70 │

71 │ }

72 │ catch (Exception ex)

73 │ {

74 │ \_ = Utility.sendAsync(ex.Message, "Middleware");

75 │ }

76 │ finally

77 │ {

78 │ context.Response.Body = originalBody;

79 │ }

80 │ }

81 │ else

82 │ {

83 │ isNext = true;

84 │ await \_next(context);

85 │ }

86 │ watch.Stop();

87 │ var routeData = context.GetRouteData();

88 │ var controller = routeData?.Values["controller"]?.ToString() ?? "N/A";

89 │ var action = routeData?.Values["action"]?.ToString() ?? "N/A";

90 │ var log = new accessLog

91 │ {

92 │ UserId = user?.userid ?? Utility.defaultUID,

93 │ DeviceId = user?.id,

94 │ Ip = ip,

95 │ Path = request.Path,

96 │ Controller = controller,

97 │ Action = action,

98 │ Request = requestBody,

99 │ Response = responseBody,

100 │ CpuUsage = string.Empty,

101 │ ExecTime = watch.ElapsedMilliseconds.ToString(),

102 │ };

103 │ \_ = Utility.sendAsync(JsonConvert.SerializeObject(log), "AccessLog");

104 │ // \_hisHhhContext.SaveChanges();

105 │ }

106 │ catch (Exception ex)

107 │ {

108 │ \_ = Utility.sendAsync($"{ex.Message} {context.Request.Path}", "Middleware");

109 │ if (!isNext)

110 │ {

111 │ await \_next(context);

112 │ }

113 │ //TODO write Excetpion to log

114 │ }

115 │ }

116 │ else

117 │ {

118 │ try

119 │ {

120 │ await \_next(context);

121 │ }

122 │ catch (Exception ex)

123 │ {

124 │ \_ = Utility.sendAsync($"{ex.Message} {context.Request.Path}", "Middleware");

125 │ }

126 │ }

127 │ }

128 │ }

129 │ public class accessLog

130 │ {

131 │ public Guid? UserId { get; set; }

132 │

133 │ public string? DeviceId { get; set; }

134 │

135 │ public string? Ip { get; set; }

136 │

137 │ public string? Path { get; set; }

138 │

139 │ public string? Controller { get; set; }

140 │

141 │ public string? Action { get; set; }

142 │

143 │ public string? Request { get; set; }

144 │

145 │ public string? Response { get; set; }

146 │

147 │ public string? ExecTime { get; set; }

148 │

149 │ public string? CpuUsage { get; set; }

150 │ }

151 │ }

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**📄 MockTestController.cs (CS, 177 lines)**

1 │ ﻿using HongHungHIS.Common;

2 │ using HongHungHIS.Common.Attributes;

3 │ using HongHungHIS.Common.Firebase;

4 │ using HongHungHIS.Common.Printer;

5 │ using HongHungHIS.Models.APIModels;

6 │ using HongHungHIS.Models.Entity;

7 │ using HongHungHIS.Models.ExModel.SYS;

8 │ using HongHungHIS.Models.ExModel.THONGBAO;

9 │ using Microsoft.AspNetCore.Mvc;

10 │ using Microsoft.AspNetCore.SignalR;

11 │ using Microsoft.EntityFrameworkCore;

12 │ using Newtonsoft.Json.Linq;

13 │ using NuGet.Common;

14 │

15 │ namespace HongHungHIS.Controllers.MOCKTEST

16 │ {

17 │ public class MockTestController : BaseController

18 │ {

19 │ private readonly IHubContext<ChatHub> \_chatHub;

20 │ private readonly BackgroundSyncDBServices \_backgroundServices;

21 │ private readonly string mockUser = "khanglh";

22 │ public MockTestController(HisHhhContext dbcontext, BackgroundSyncDBServices backgroundServices, IHubContext<Chat...

23 │ {

24 │ \_chatHub = chatHub;

25 │ \_backgroundServices = backgroundServices;

26 │ }

27 │

28 │

29 │ [TokenUserCheckHTTP()]

30 │ public IActionResult Index()

31 │ {

32 │ return View();

33 │ }

34 │

35 │ //[HttpGet]

36 │ //public ResponseModel scheduleAlarm()

37 │ //{

38 │ // var ur = dbcontext.SysUser.Where(e => e.Username == mockUser).FirstOrDefault();

39 │ // if (ur != null)

40 │ // {

41 │ // string title = "BÁO THỨC";

42 │ // string body = "KIỂM TRA TÌNH TRẠNG BỆNH NHÂN LÊ HOÀNG KHANG !!!";

43 │ // var tokens = new List<string> { ur.Fcm ?? "" };

44 │ // FirebaseUtility.RegisterAlarm(tokens, null, title, body, FirebaseActionKey.notifyAction, FirebaseSound...

45 │ // }

46 │ // return new ResponseModel(HISConst.OK, "");

47 │ //}

48 │

49 │ //[HttpGet]

50 │ //public ResponseModel cancelAlarm()

51 │ //{

52 │ // var ur = dbcontext.SysUser.Where(e => e.Username == mockUser).FirstOrDefault();

53 │ // if (ur != null)

54 │ // {

55 │ // var tokens = new List<string> { ur.Fcm ?? "" };

56 │ // FirebaseUtility.CancelAlarm(tokens, 1);

57 │ // }

58 │ // return new ResponseModel(HISConst.OK, "");

59 │ //}

60 │

61 │

62 │

63 │ //[HttpGet]

64 │ //public ResponseModel TestTriggerAlarm()

65 │ //{

66 │ // var ur = dbcontext.SysUser.Where(e => e.Username == mockUser).FirstOrDefault();

67 │ // if (ur != null)

68 │ // {

69 │ // var maphongban = (ur.MaPhongBan ?? Utility.defaultUID) + "";

70 │ // string title = "MỘT BÁO THỨC NHẮC VIỆC ĐÃ ĐƯỢC TẠO";

71 │ // string titleAlarm = "NHẮC VIỆC NÈ";

72 │ // string body = "THÔNG BÁO ABC !!!";

73 │ // var tokens = new List<string> { ur.Fcm ?? "" };

74 │ // FirebaseUtility.TriggerAlarm(tokens, title, titleAlarm, body, "", DateTime.Now.AddMinutes(1));

75 │ // }

76 │ // return new ResponseModel(HISConst.OK, "");

77 │ //}

78 │

79 │ //[HttpGet]

80 │ //public ResponseModel TestNotify()

81 │ //{

82 │ // var ur = dbcontext.SysUser.Where(e => e.Username == mockUser).FirstOrDefault();

83 │ // if (ur != null)

84 │ // {

85 │ // string title = "THÔNG BÁO NÈ";

86 │ // string body = "HAPPY CHISTMAST !!!\n" + string.Format("{0:dd/MM/yyyy hh:mm:ss}", DateTime.Now);

87 │ // FirebaseUtility.ReminderAction(new List<string> { ur.Fcm }, title, body, "", FirebaseSound.codeStroke)...

88 │ // }

89 │ // return new ResponseModel(HISConst.OK, "");

90 │ //}

91 │

92 │

93 │ //[HttpGet]

94 │ //public ResponseModel TestNotify()

95 │ //{

96 │ // var ur = dbcontext.SysUser.Where(e => e.Username == mockUser).ToList();

97 │ // if (ur != null)

98 │ // {

99 │ // string title = "THÔNG BÁO NÈ";

100 │ // string body = "HAPPY CHISTMAST !!!\n" + string.Format("{0:dd/MM/yyyy hh:mm:ss}", DateTime.Now);

101 │ // FirebaseUtility.NotifyAction(dbcontext, ur, title, body, FirebaseSound.codeStroke);

102 │ // }

103 │ // return new ResponseModel(HISConst.OK, "");

104 │ //}

105 │

106 │ //[HttpGet]

107 │ //public ResponseModel TestNotify()

108 │ //{

109 │ // var ur = dbcontext.SysUser.Where(e => e.Username == mockUser).FirstOrDefault();

110 │ // if (ur != null)

111 │ // {

112 │ // string title = "THÔNG BÁO NÈ";

113 │ // string body = "HAPPY CHISTMAST !!!\n" + string.Format("{0:dd/MM/yyyy hh:mm:ss}", DateTime.Now);

114 │ // FirebaseUtility.NotifyRouteLink(new List<string> { ur.Fcm }, title, body, MobileAppRouteLink.sign, Fir...

115 │ // }

116 │ // return new ResponseModel(HISConst.OK, "");

117 │ //}

118 │

119 │ [HttpGet]

120 │ public ResponseModel TestNotify()

121 │ {

122 │

123 │ new ntf\_GroupThongBaoModel(dbcontext).NotifyAction(NotifyGroup.QLDV.GetEnumGuid(),

124 │ KhoaPhong.CNTT.GetEnumGuid(),

125 │ "Yêu cầu xác nhận đồ vải của khoa",

126 │ "Vui lòng xác nhận số lượng và tình trạng đồ vải của khoa để hoàn tất quy trình...

127 │

128 │ return new ResponseModel(HISConst.OK, "");

129 │ }

130 │

131 │ //[HttpGet]

132 │ //public ResponseModel TestNotifyEmergency()

51 │ {

52 │ var res = new vac\_ChiTietPhatDoTiemChungBenhNhanModel(\_dbContext).SaveListChiTiet(item.Ma, listc...

53 │ if (res > 0)

54 │ {

55 │ transaction.Commit();

56 │ return 1;

57 │ }

58 │ else

59 │ {

60 │ transaction.Rollback();

61 │ return 0;

62 │ }

63 │ }

64 │ else

65 │ {

66 │ transaction.Rollback();

67 │ return 0;

68 │ }

69 │ }

70 │ catch

71 │ {

72 │ transaction.Rollback();

73 │ return 0;

74 │ }

75 │ }

76 │ }

77 │

78 │ public int Edit(Guid Ma, Guid MaNhomTiemChung, decimal ThanhTien, string GhiChu

79 │ , Guid UserId, List<VacChiTietPhacDoTiemChungBenhNhan> listct)

80 │ {

81 │ if (CheckExists(Utility.defaultUID, MaNhomTiemChung))

82 │ {

83 │ return -2;

84 │ }

85 │ VacPhacDoTiemChungBenhNhan item = GetItem(Ma);

86 │ if (item != null)

87 │ {

88 │ if (item.TrangThai != (int)TrangThaiTiepNhan.TiepNhan) // phác đồ đamng sử dụng không dc sửa

89 │ {

90 │ return -3;

91 │ }

92 │ using (var transaction = \_dbContext.Database.BeginTransaction())

93 │ {

94 │ try

95 │ {

96 │ item.MaNhomTiemChung = MaNhomTiemChung;

97 │ item.ThanhTien = ThanhTien;

98 │ item.GhiChu = GhiChu;

99 │ item.UserModified = UserId;

100 │ item.ModifiedDate = DateTime.Now;

101 │

102 │ \_dbContext.Add(item);

103 │

104 │ if (\_dbContext.SaveChanges() > 0)

105 │ {

106 │ var res = new vac\_ChiTietPhatDoTiemChungBenhNhanModel(\_dbContext).SaveListChiTiet(item.Ma, l...

107 │ if (res > 0)

108 │ {

109 │ transaction.Commit();

110 │ return 1;

111 │ }

112 │ else

113 │ {

114 │ transaction.Rollback();

115 │ return 0;

116 │ }

117 │ }

118 │ else

119 │ {

120 │ transaction.Rollback();

121 │ return 0;

122 │ }

123 │ }

124 │ catch

125 │ {

126 │ transaction.Rollback();

127 │ return 0;

128 │ }

129 │ }

130 │ }

131 │ return 0;

132 │ }

133 │

134 │ public int Delete(Guid Ma, Guid UserID)

135 │ {

136 │ VacPhacDoTiemChungBenhNhan item = GetItem(Ma);

137 │

138 │ if (item != null)

139 │ {

140 │ if (item.TrangThai != (int)TrangThaiTiepNhan.TiepNhan)

141 │ {

142 │ return -5;

143 │ }

144 │ item.Deleted = true;

145 │ item.DeletedDate = DateTime.Now;

146 │ item.UserDeleted = UserID;

147 │ return Update(item);

148 │ }

149 │ return -2;

150 │ }

151 │ }

152 │ }

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**📄 vac\_PhacDoTiemChungModel.cs (CS, 187 lines)**

1 │ ﻿using HongHungHIS.Common;

2 │ using HongHungHIS.Models.Entity;

3 │ using Microsoft.EntityFrameworkCore;

4 │ using Spire.Pdf.Exporting.XPS.Schema;

5 │ using System.Collections.Generic;

6 │

7 │ namespace HongHungHIS.Models.ExModel.TIEMCHUNG

8 │ {

9 │ public class vac\_PhacDoTiemChungModel : Base<VacPhacDoTiemChung>

10 │ {

11 │ public vac\_PhacDoTiemChungModel(DbContext dbContext) : base(dbContext)

12 │ {

13 │ }

14 │

15 │ public List<VacPhacDoTiemChung> GetData()

16 │ {

17 │ return Get(t => !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

18 │ }

19 │

20 │ public List<VacPhacDoTiemChung> GetData(Guid MaPhongBan)

21 │ {

22 │ return Get(t => (t.MaPhongBan == MaPhongBan || MaPhongBan == Utility.defaultUID) && !(t.Deleted ?? false)).O...

23 │ }

24 │

25 │ public VacPhacDoTiemChung GetItem(Guid Ma)

26 │ {

27 │ return First(t => t.Ma == Ma && !(t.Deleted ?? false));

28 │ }

29 │

30 │ public List<VacPhacDoTiemChung> ListPhacDoTheoTuoi(bool ThangTuoi, int GiaTri)

31 │ {

32 │ if (!ThangTuoi)

33 │ {

34 │ return (from pd in \_dbContext.Set<VacPhacDoTiemChung>()

35 │ join dt in \_dbContext.Set<VacDoiTuongTiemChung>() on pd.MaDoiTuongTiemChung equals dt.Ma

36 │ where pd.Status ?? false && !(pd.Deleted ?? false)

37 │ && ((dt.Tu <= GiaTri && dt.Den <= GiaTri) || pd.MaDoiTuongTiemChung == Utility.defaultUID) && (d...

38 │ select pd).ToList();

39 │ }

40 │ else

41 │ {

42 │ return (from pd in \_dbContext.Set<VacPhacDoTiemChung>()

43 │ join dt in \_dbContext.Set<VacDoiTuongTiemChung>() on pd.MaDoiTuongTiemChung equals dt.Ma

44 │ where pd.Status ?? false && !(pd.Deleted ?? false)

45 │ && ((dt.Tu <= GiaTri && dt.Den <= GiaTri) || pd.MaDoiTuongTiemChung == Utility.defaultUID) && !...

46 │

47 │ select pd).ToList();

48 │ }

49 │ }

50 │

51 │ private bool CheckExists(Guid Ma, Guid MaNhomTiemChung)

52 │ {

53 │ return Any(t => t.Ma != Ma && t.MaNhomTiemChung == MaNhomTiemChung && !(t.Deleted ?? false));

54 │ }

55 │ public int Add(Guid MaPhongBan, string Ten, Guid MaDoiTuongTiemChung, string DienGiai, bool Status, Guid UserId,...

56 │ {

57 │ //if (CheckExists(0, MaNhomTiemChung))

58 │ //{

59 │ // return -2;

60 │ //}

61 │

62 │ using (var transaction = \_dbContext.Database.BeginTransaction())

63 │ {

64 │ try

65 │ {

66 │ VacPhacDoTiemChung item = new VacPhacDoTiemChung

67 │ {

68 │ Ten = Ten,

69 │ MaPhongBan = MaPhongBan,

70 │ //MaNhomTiemChung = MaNhomTiemChung,

71 │ MaDoiTuongTiemChung = MaDoiTuongTiemChung,

72 │ DienGiai = DienGiai,

73 │ Status = Status,

74 │ UserCreated = UserId,

75 │ CreatedDate = DateTime.Now

76 │ };

77 │ \_dbContext.Add(item);

78 │

79 │ if (\_dbContext.SaveChanges() > 0)

80 │ {

81 │ var res = new vac\_ChiTietPhacDoTiemChungModel(\_dbContext).SaveListChiTiet(item.Ma, listct, UserI...

82 │ if (res > 0)

83 │ {

84 │ transaction.Commit();

85 │ return 1;

86 │ }

87 │ else

88 │ {

89 │ transaction.Rollback();

90 │ return 0;

91 │ }

92 │ }

93 │ else

94 │ {

95 │ transaction.Rollback();

96 │ return 0;

97 │ }

98 │ }

99 │ catch

100 │ {

101 │ transaction.Rollback();

102 │ return 0;

103 │ }

104 │ }

105 │ }

106 │

107 │ public int Edit(Guid Ma, Guid MaPhongBan, string Ten, Guid MaDoiTuongTiemChung, string DienGiai, bool Status, Gu...

108 │ {

109 │ /\*if (CheckExists(0, MaNhomTiemChung))

110 │ {

111 │ return -2;

112 │ }\*/

113 │ VacPhacDoTiemChung item = GetItem(Ma);

114 │ if (item != null)

115 │ {

116 │ using (var transaction = \_dbContext.Database.BeginTransaction())

117 │ {

118 │ try

119 │ {

120 │ //item.MaNhomTiemChung = MaNhomTiemChung;

121 │ item.MaPhongBan = MaPhongBan;

122 │ item.MaDoiTuongTiemChung = MaDoiTuongTiemChung;

123 │ item.Ten = Ten;

124 │ item.DienGiai = DienGiai;

125 │ item.Status = Status;

126 │ item.UserModified = UserId;

127 │ item.ModifiedDate = DateTime.Now;

128 │

129 │ \_dbContext.Update(item);

130 │ \_dbContext.SaveChanges();

131 │

132 │ if (item.Ma != Utility.defaultUID)

133 │ {

134 │ var res = new vac\_ChiTietPhacDoTiemChungModel(\_dbContext).SaveListChiTiet(Ma, listct, UserId...

135 │ if (res > 0)

136 │ {

137 │ transaction.Commit();

138 │ return 1;

139 │ }

140 │ else

141 │ {

142 │ transaction.Rollback();

143 │ return 0;

144 │ }

145 │ }

146 │ else

147 │ {

148 │ transaction.Rollback();

149 │ return 0;

150 │ }

151 │ }

152 │ catch

153 │ {

154 │ transaction.Rollback();

155 │ return 0;

156 │ }

157 │ }

158 │ }

159 │ return 0;

160 │ }

161 │ public int Delete(Guid Ma, Guid UserID)

162 │ {

163 │ VacPhacDoTiemChung item = GetItem(Ma);

164 │

165 │ if (item != null)

166 │ {

167 │ item.Deleted = true;

168 │ item.DeletedDate = DateTime.Now;

169 │ item.UserDeleted = UserID;

170 │ return Update(item);

171 │ }

172 │ return -2;

173 │ }

174 │

175 │ public bool CheckUsing(Guid Ma)

176 │ {

177 │ bool found = false;

178 │ found = \_dbContext.Set<VacPhacDoTiemChungBenhNhan>().Any(t => (t.MaPhacDoChung == Utility.defaultUID) && !(t...

179 │ if (!found)

180 │ {

181 │ return true;

182 │ }

183 │

184 │ return found;

185 │ }

186 │ }

187 │ }

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**📄 vc\_ChiTietPhatHanhModel.cs (CS, 323 lines)**

1 │ ﻿using HongHungHIS.Common;

2 │ using HongHungHIS.Models.Entity;

3 │ using HongHungHIS.Models.EntityQLVC;

4 │ using Microsoft.EntityFrameworkCore;

5 │ using SkiaSharp;

6 │ using static HongHungHIS.Models.APIModels.TestResultModel;

7 │

8 │ namespace HongHungHIS.Models.ExModel.TRUNGTAMTHAMMY

9 │ {

10 │ public class vc\_ChiTietPhatHanhModel : Base<VcChiTietPhatHanh>

11 │ {

12 │ public vc\_ChiTietPhatHanhModel(DbContext dbContext) : base(dbContext)

13 │ {

14 │ }

15 │ public List<VcChiTietPhatHanh> GetData()

16 │ {

17 │ return Get(t => !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

18 │ }

19 │

20 │ public VcChiTietPhatHanh GetItem(Guid Ma)

21 │ {

22 │ return First(t => t.Ma == Ma && !(t.Deleted ?? false));

23 │ }

24 │

25 │ public VcChiTietPhatHanh GetItem(string Seri)

26 │ {

27 │ return First(t => t.Seri == Seri && !(t.Deleted ?? false));

28 │ }

29 │

30 │ public List<VcChiTietPhatHanh> GetDataByCustomer(Guid MaKh)

31 │ {

32 │ return Get(t => (t.MaKh == MaKh)

33 │ && !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

34 │ }

35 │

36 │ public List<VcChiTietPhatHanh> GetDataByDate(Guid MaPhatHanh, DateTime TuNgay, DateTime DenNgay)

37 │ {

38 │ if (MaPhatHanh == Utility.defaultUID)

39 │ {

40 │ return Get(t => (t.NgayApDung != null && t.NgayKetThuc != null && t.NgayApDung.Value.Date >= TuNgay.Date

41 │ && t.NgayKetThuc.Value.Date <= DenNgay.Date

42 │ && !(t.Deleted ?? false))).OrderByDescending(t => t.CreatedDate).ToList();

43 │ }

44 │ else

45 │ {

46 │ return Get(t => (t.MaPhatHanh == MaPhatHanh && t.NgayApDung != null && t.NgayKetThuc != null && t.NgayAp...

47 │ && t.NgayKetThuc.Value.Date <= DenNgay.Date)

48 │ && !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

49 │ }

50 │ }

51 │

52 │ public List<VcChiTietPhatHanh> GetDataByVoucher(Guid Voucher)

53 │ {

54 │

55 │ return Get(t => (t.MaVoucher == Voucher)

56 │ && !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

57 │ }

58 │

59 │ public List<VcChiTietPhatHanh> GetDataByMaPhatHanh(Guid MaPhatHanh)

60 │ {

61 │ return Get(t => (t.MaPhatHanh == MaPhatHanh)

62 │ && !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

63 │ }

64 │

65 │ public int Add(

66 │ Guid MaVoucher,

67 │ DateTime NgayBatDau,

68 │ DateTime NgayKetThuc,

69 │ bool DaSuDung,

70 │ Guid UserID,

71 │ int SoLuong,

72 │ int SoBatDau,

73 │ string NoiDung,

74 │ Guid MaKM,

75 │ Guid HinhThucKM

76 │ )

77 │ {

78 │ VcVoucher vc = new vc\_VoucherModel(\_dbContext).GetItem(MaVoucher);

79 │

80 │ if (vc == null)

81 │ {

82 │ return -1;

83 │ }

84 │ int result = 0;

85 │

86 │

87 │

88 │ string SoSeri = "";

89 │ SoSeri = "00000" + SoBatDau;

90 │ SoSeri = SoSeri.Substring(SoSeri.Length - 5);

91 │

92 │ if (KiemTraTrungSoSeri(Utility.defaultUID, vc.KyHieu + SoSeri))

93 │ {

94 │ result = -1;

95 │ return result;

96 │ }

97 │ Guid id = Utility.defaultUID;

98 │ using (var transaction = \_dbContext.Database.BeginTransaction())

99 │ {

100 │ try

101 │ {

102 │ VcPhatHanh tmpPH = new VcPhatHanh();

103 │ if (MaVoucher != Utility.defaultUID && NgayBatDau != null && NgayKetThuc != null && SoLuong > 0 && S...

104 │ {

105 │ tmpPH.MaVoucher = MaVoucher;

106 │ tmpPH.MaKm = MaKM;

107 │ tmpPH.HinhThucKm = HinhThucKM;

108 │ tmpPH.GiaTri = vc != null ? vc.GiaTri ?? 0 : 0;

109 │ tmpPH.GiaTriKm = TinhGiaTriKMVoucher(MaVoucher, MaKM);

110 │ tmpPH.SoLuong = SoLuong;

111 │ tmpPH.DienGiai = NoiDung;

112 │ tmpPH.NgayBatDau = NgayBatDau;

113 │ tmpPH.NgayKetThuc = NgayKetThuc;

114 │ tmpPH.SoBatDau = SoBatDau;

115 │ tmpPH.Status = true;

116 │ tmpPH.CreatedDate = DateTime.Now;

117 │ tmpPH.UserCreated = UserID;

118 │ \_dbContext.Set<VcPhatHanh>().Add(tmpPH);

119 │ \_dbContext.SaveChanges();

120 │ id = tmpPH.Ma;

121 │ if (id != Utility.defaultUID)

122 │ {

123 │ for (int i = 1; i <= SoLuong; i++)

124 │ {

125 │ VcChiTietPhatHanh tmpPhatHanh = new VcChiTietPhatHanh();

126 │

127 │ if (SoSeri != "")

128 │ {

129 │ tmpPhatHanh.MaPhatHanh = id;

130 │ tmpPhatHanh.MaVoucher = MaVoucher;

131 │ tmpPhatHanh.Seri = vc.KyHieu + SoSeri;

132 │ tmpPhatHanh.SoThuTu = i;

133 │ tmpPhatHanh.SoLuongPhatHanh = SoLuong;

134 │ tmpPhatHanh.NgayApDung = NgayBatDau;

135 │ tmpPhatHanh.NgayKetThuc = NgayKetThuc;

136 │ tmpPhatHanh.CreatedDate = DateTime.Now;

137 │ tmpPhatHanh.UserCreated = UserID;

138 │ tmpPhatHanh.GiaTri = vc != null ? vc.GiaTri ?? 0 : 0;

139 │ tmpPhatHanh.GiaTriKm = TinhGiaTriKMVoucher(MaVoucher, MaKM);

140 │ \_dbContext.Set<VcChiTietPhatHanh>().Add(tmpPhatHanh);

141 │ \_dbContext.SaveChanges();

142 │ SoBatDau = SoBatDau + 1;

143 │ SoSeri = "00000" + SoBatDau;

144 │ SoSeri = SoSeri.Substring(SoSeri.Length - 5);

145 │ }

146 │ }

147 │ //commit trans

148 │ transaction.Commit();

149 │ result = 1;

150 │ return result;

151 │ }

152 │ }

153 │ transaction.Rollback();

154 │ result = 0;

155 │ return result;

156 │

157 │ }

158 │ catch (Exception)

159 │ {

160 │ transaction.Rollback();

161 │ result = 0;

162 │ return result;

163 │ }

164 │ }

165 │ }

166 │

167 │ public int Edit(Guid Ma, Guid MaVoucher, DateTime NgayApDung, DateTime NgayKetThuc, bool DaSuDung, Guid UserID, ...

168 │ {

169 │ VcChiTietPhatHanh ct = GetItem(Ma);

170 │ if (ct != null)

171 │ {

172 │ ct.MaVoucher = MaVoucher;

173 │ ct.NgayApDung = NgayApDung;

174 │ ct.NgayKetThuc = NgayKetThuc;

175 │ ct.DaSuDung = DaSuDung;

176 │ ct.UserModified = UserID;

177 │ ct.GhiChu = GhiChu;

178 │ ct.ModifiedDate = DateTime.Now;

179 │ return Update(ct);

180 │ }

181 │

182 │ return -1;

183 │ }

184 │

185 │ public int DeleteTheoMaPhatHanh(Guid MaPhatHanh, Guid UserID)

186 │ {

187 │ VcPhatHanh item = new vc\_PhatHanhModel(\_dbContext).GetItem(MaPhatHanh);

188 │ if (item == null)

189 │ {

190 │ return -2;

191 │ }

192 │

193 │ List<VcChiTietPhatHanh> cts = GetDataByMaPhatHanh(MaPhatHanh);

194 │ using (var transaction = \_dbContext.Database.BeginTransaction())

195 │ {

196 │ try

197 │ {

198 │ item.Deleted = true;

199 │ item.DeletedDate = DateTime.Now;

200 │ item.UserDeleted = UserID;

201 │ \_dbContext.Update(item);

202 │ cts.ForEach(t =>

203 │ {

204 │ t.Deleted = true;

205 │ t.DeletedDate = DateTime.Now;

206 │ t.UserDeleted = UserID;

207 │ });

208 │

209 │ \_dbContext.UpdateRange(cts);

210 │ \_dbContext.SaveChanges();

211 │ transaction.Commit();

212 │ }

213 │ catch (Exception)

214 │ {

215 │ transaction.Rollback();

216 │ return 0;

217 │ }

218 │ }

219 │ return 1;

220 │ }

221 │ public int Delete(Guid Ma, Guid UserID)

222 │ {

223 │ VcChiTietPhatHanh ct = GetItem(Ma);

224 │

225 │ if (ct != null)

226 │ {

227 │ if (ct.DaSuDung ?? false)

228 │ {

229 │ return -1;

230 │ }

231 │ ct.Deleted = true;

232 │ ct.DeletedDate = DateTime.Now;

233 │ ct.UserDeleted = UserID;

234 │ return Update(ct);

235 │ }

236 │

237 │ return -2;

238 │ }

239 │

240 │ public int SuDungVoucher(Guid Ma, Guid UserID)

241 │ {

242 │ VcChiTietPhatHanh ct = GetItem(Ma);

243 │

244 │ if (ct != null)

245 │ {

246 │ //Check children

247 │ ct.DaSuDung = true;

248 │ ct.ModifiedDate = DateTime.Now;

249 │ ct.UserModified = UserID;

250 │ \_dbContext.Update(ct);

251 │ \_dbContext.SaveChanges();

252 │ return 1;

253 │

254 │ }

255 │

256 │ return -2;

257 │ }

258 │

259 │ public bool KiemTraVoucherDaPhatHangChoKhachHang(Guid Ma, Guid MaKh, Guid MaVoucher)

260 │ {

261 │ VcChiTietPhatHanh phathanh = First(t => t.Ma != Ma && t.MaKh == MaKh

262 │ && t.MaVoucher == MaVoucher

263 │ && !(t.Deleted ?? false));

264 │

265 │ return phathanh != null;

266 │ }

267 │

268 │ public bool KiemTraTrungSoSeri(Guid Ma, string Seri)

269 │ {

270 │ VcChiTietPhatHanh phathanh = First(t => t.Ma != Ma && t.Seri == Seri

271 │ && !(t.Deleted ?? false));

272 │

273 │ return phathanh != null;

274 │ }

275 │

276 │ public bool KiemTraVoucherDaPhatHangChoKhachHang(Guid Ma, string ListMaKH, Guid MaVoucher)

277 │ {

278 │ List<Guid> listMaKH = (ListMaKH ?? "").Split(';').Select(t => t.GetGuid()).ToList();

279 │ foreach (Guid i in listMaKH)

280 │ {

281 │ VcChiTietPhatHanh phathanh = First(t => t.Ma != Ma && t.MaKh == i

282 │ && t.MaVoucher == MaVoucher && !(t.Deleted ?? false));

283 │

284 │ if (phathanh != null)

285 │ {

286 │ return true;

287 │ }

288 │ }

289 │

290 │ return false;

291 │ }

292 │

293 │ public decimal TinhGiaTriKMVoucher(Guid MaVouvher, Guid MaKM)

294 │ {

295 │

296 │ VcVoucher vc = new vc\_VoucherModel(\_dbContext).GetItem(MaVouvher);

297 │ KmKhuyenMai km = new km\_KhuyenMaiModel(\_dbContext).GetItem(MaKM);

298 │ Guid hinhThucKm = Utility.defaultUID;

299 │ if (vc != null)

300 │ {

301 │ if (km != null)

302 │ {

303 │ hinhThucKm = km.HinhThucKm ?? Utility.defaultUID;

304 │ if (hinhThucKm == HinhThucKM.PER.GetEnumGuid())

305 │ {

306 │ return (vc.GiaTri ?? 0) \* (km.GiaTri ?? 0) / 100;

307 │ }

308 │ else

309 │ {

310 │ return km.GiaTri ?? 0;

311 │ }

312 │ }

313 │ else

314 │ {

315 │ return 0;

316 │ }

317 │ }

318 │

319 │ return 0;

320 │ }

321 │

322 │ }

323 │ }

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**📄 vc\_PhatHanhModel.cs (CS, 41 lines)**

1 │ ﻿using HongHungHIS.Models.Entity;

2 │ using Microsoft.EntityFrameworkCore;

3 │ using SkiaSharp;

4 │

5 │ namespace HongHungHIS.Models.ExModel.TRUNGTAMTHAMMY

6 │ {

7 │ public class vc\_PhatHanhModel : Base<VcPhatHanh>

8 │ {

9 │ public vc\_PhatHanhModel(DbContext dbContext) : base(dbContext)

10 │ {

11 │ }

12 │ public List<VcPhatHanh> GetData()

13 │ {

14 │ return Get(t => !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

15 │ }

16 │

17 │ public VcPhatHanh GetItem(Guid Ma)

18 │ {

19 │ return First(t => t.Ma == Ma && !(t.Deleted ?? false));

20 │ }

21 │

22 │ public List<VcPhatHanh> GetDataByDate(DateTime TuNgay, DateTime DenNgay)

23 │ {

24 │ return Get(t => t.CreatedDate.Value.Date >= TuNgay.Date

25 │ && t.CreatedDate.Value.Date <= DenNgay.Date

26 │ && !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

27 │ }

28 │ public int Delete(Guid Ma, Guid UserID)

29 │ {

30 │ VcPhatHanh item = GetItem(Ma);

31 │ if (item != null)

32 │ {

33 │ item.Deleted = true;

34 │ item.DeletedDate = DateTime.Now;

35 │ item.UserDeleted = UserID;

36 │ return Update(item);

37 │ }

38 │ return -2;

39 │ }

40 │ }

41 │ }

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**📄 vc\_VoucherModel.cs (CS, 95 lines)**

1 │ ﻿using HongHungHIS.Common;

2 │ using HongHungHIS.Models.Entity;

3 │ using HongHungHIS.Models.EntityQLVC;

4 │ using Microsoft.EntityFrameworkCore;

5 │

6 │ namespace HongHungHIS.Models.ExModel.TRUNGTAMTHAMMY

7 │ {

8 │ public class vc\_VoucherModel : Base<VcVoucher>

9 │ {

10 │ public vc\_VoucherModel(DbContext dbContext) : base(dbContext)

11 │ {

12 │ }

13 │ public List<VcVoucher> GetData()

14 │ {

15 │ return Get(t => !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

16 │ }

17 │

18 │ public VcVoucher GetItem(Guid Ma)

19 │ {

20 │ return First(t => t.Ma == Ma && !(t.Deleted ?? false));

21 │ }

22 │

23 │ public List<VcVoucher> GetVoucherActive()

24 │ {

25 │ return Get(t => (t.Status ?? false)

26 │ && !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

27 │ }

28 │

29 │ public int Add(

30 │ string Ten,

31 │ string DienGiai,

32 │ string HinhAnh,

33 │ decimal GiaTri,

34 │ string KyHieu,

35 │ bool Status,

36 │ Guid UserId)

37 │ {

38 │ VcVoucher item = new VcVoucher

39 │ {

40 │ Ten = Ten,

41 │ DienGiai = DienGiai,

42 │ HinhAnh = HinhAnh,

43 │ GiaTri = GiaTri,

44 │ KyHieu = KyHieu,

45 │ Status = Status,

46 │ UserCreated = UserId,

47 │ CreatedDate = DateTime.Now

48 │ };

49 │ return Add(item);

50 │ }

51 │

52 │

53 │ public int Edit(

54 │ Guid Ma,

55 │ string Ten,

56 │ string DienGiai,

57 │ string HinhAnh,

58 │ decimal GiaTri,

59 │ string KyHieu,

60 │ bool Status,

61 │ Guid UserId)

62 │ {

63 │ VcVoucher item = GetItem(Ma);

64 │ if (item != null)

65 │ {

66 │ item.Ma = Ma;

67 │ item.Ten = Ten;

68 │ item.DienGiai = DienGiai;

69 │ item.HinhAnh = HinhAnh;

70 │ item.GiaTri = GiaTri;

71 │ item.KyHieu = KyHieu;

72 │ item.Status = Status;

73 │ item.UserModified = UserId;

74 │ item.ModifiedDate = DateTime.Now;

75 │ return Update(item);

76 │ }

77 │ return -2;

78 │ }

79 │ public int Delete(Guid Ma, Guid UserID)

80 │ {

81 │ VcVoucher item = GetItem(Ma);

82 │

83 │ if (item != null)

84 │ {

85 │ item.Deleted = true;

86 │ item.DeletedDate = DateTime.Now;

87 │ item.UserDeleted = UserID;

88 │ return Update(item);

89 │ }

90 │ return -2;

91 │ }

92 │

93 │ }

94 │ }

95 │

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**📄 vtth\_ChiTietDeXuatModel.cs (CS, 80 lines)**

1 │ ﻿using HongHungHIS.Models.Entity;

2 │ using Microsoft.EntityFrameworkCore;

3 │ using HongHungHIS.Common;

4 │ using System;

5 │

6 │ namespace HongHungHIS.Models.ExModel.VTTH

7 │ {

8 │ public class vtth\_ChiTietDeXuatModel : Base<VtthChiTietDeXuat>

9 │ {

10 │ public vtth\_ChiTietDeXuatModel(DbContext dbContext) : base(dbContext)

11 │ {

12 │ }

13 │

14 │ public int SaveListChiTiet(Guid ma, List<VtthChiTietDeXuat> cts, Guid userid)

15 │ {

16 │ try

17 │ {

18 │ List<VtthChiTietDeXuat> cts\_old = \_dbContext.Set<VtthChiTietDeXuat>().Where(t => t.MaDeXuat == ma && !(t...

19 │

20 │ List<C2ID> listcts = cts.Select(t => new C2ID { ID1 = t.MaVatTu ?? Utility.defaultUID, ID2 = t.MaCtnhapK...

21 │ List<C2ID> listctscu = cts\_old.Select(t => new C2ID { ID1 = t.MaVatTu ?? Utility.defaultUID, ID2 = t.MaC...

22 │

23 │ // kiem tra list cũ không có trong list mới

24 │ List<VtthChiTietDeXuat> list\_cukhongcotronglistmoi = cts\_old.Where(t => !listcts.Contains(new C2ID {ID1 ...

25 │ .Select(t => { t.Deleted = true; t.DeletedDate = DateTime.Now; t.UserDeleted = userid; return t; })....

26 │

27 │ if (list\_cukhongcotronglistmoi != null && list\_cukhongcotronglistmoi.Count > 0)

28 │ {

29 │ // xoá list cũ không có trong list mới

30 │ \_dbContext.UpdateRange(list\_cukhongcotronglistmoi);

31 │ \_dbContext.SaveChanges();

32 │ }

33 │

34 │ // kiem tra list mới đã có trong list cũ

35 │ List<VtthChiTietDeXuat> list\_moidacotronglistcu = (from ctmoi in cts

36 │ join ctcu in cts\_old on new { ctmoi.MaVatTu, ctmoi.Ma...

37 │ select new { cu = ctcu, moi = ctmoi }).ToList().Selec...

38 │ {

39 │ t.cu.MaVatTu = t.moi.MaVatTu;

40 │ t.cu.MaDvt = t.moi.MaDvt;

41 │ t.cu.MaCtnhapKho = t.moi.MaCtnhapKho; ...

42 │ t.cu.SoLuong = t.moi.SoLuong;

43 │ t.cu.SoLuongXuat = t.moi.SoLuongXuat;

44 │ //t.cu.SoLuongSd = t.moi.SoLuongXuat - t.moi.SoLu...

45 │ t.cu.SoLuongKsk = t.moi.SoLuongKsk;

46 │ t.cu.GhiChu = t.moi.GhiChu;

47 │ t.cu.ModifiedDate = DateTime.Now;

48 │ t.cu.UserModified = userid;

49 │ return t.cu;

50 │ }).ToList();

51 │

52 │ if (list\_moidacotronglistcu != null && list\_moidacotronglistcu.Count > 0)

53 │ {

54 │ // cập nhật thông tin list cũ đã có trong list mới

55 │ \_dbContext.UpdateRange(list\_moidacotronglistcu);

56 │ \_dbContext.SaveChanges();

57 │ }

58 │

59 │ // kiểm tra list mới không có trong list cũ

60 │ List<VtthChiTietDeXuat> list\_moikhongcotronglistcu = cts.Where(t => !listctscu.Contains(new C2ID {ID1 = ...

61 │ {

62 │ t.MaDeXuat = ma; t.CreatedDate = DateTime.Now; t.UserCreated = userid; return t;

63 │ }).ToList();

64 │

65 │ if (list\_moikhongcotronglistcu != null && list\_moikhongcotronglistcu.Count > 0)

66 │ {

67 │ // thêm list mới không có trong list cũ

68 │ \_dbContext.AddRange(list\_moikhongcotronglistcu);

69 │ \_dbContext.SaveChanges();

70 │ }

71 │

72 │ return cts.Count();

73 │ }

74 │ catch

75 │ {

76 │ return 0;

77 │ }

78 │ }

79 │ }

80 │ }

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**📄 vtth\_TonKhoHoaChatXN.cs (CS, 267 lines)**

1 │ ﻿using EFCore.BulkExtensions;

2 │ using HongHungHIS.Common;

3 │ using HongHungHIS.Models.Entity;

4 │ using HongHungHIS.Models.ExModel.MED;

5 │ using Microsoft.EntityFrameworkCore;

6 │

7 │ namespace HongHungHIS.Models.ExModel.XETNGHIEM

8 │ {

9 │ public class vtth\_TonKhoHoaChatXN : Base<VtthTonKhoHoaChatXn>

10 │ {

11 │ HisHhhContext dbContext

12 │ {

13 │ get { return \_dbContext as HisHhhContext; }

14 │ set { return; }

15 │ }

16 │ public vtth\_TonKhoHoaChatXN(DbContext dbContext) : base(dbContext)

17 │ {

18 │ }

19 │

20 │ public (bool status, string message) TinhTonKhoHoaChatXN(int Nam, int Thang, Guid MaKho)

21 │ {

22 │ if (MaKho.IsEmpty()) return (true, "");

23 │

24 │ string error = "";

25 │ if (Nam < 1900)

26 │ {

27 │ error = "Năm kiểm tính tồn kho không hợp lệ";

28 │ goto error;

29 │ }

30 │ if (Thang < 1 || Thang > 12)

31 │ {

32 │ error = "Tháng kiểm tính tồn kho không hợp lệ";

33 │ goto error;

34 │ }

35 │ if (Thang <= 4 && Nam <= 2025)

36 │ {

37 │ error = "Tồn kho tính từ tháng 5 năm 2025";

38 │ goto error;

39 │ }

40 │

41 │ DateTime NgayCoThangHienTai = Cast.ToDateTime(Nam + "-" + string.Format("{0:00}", Thang) + "-01");

42 │ DateTime NgayCoThangTruoc = Cast.ToDateTime(Nam + "-" + string.Format("{0:00}", Thang) + "-01").AddMonths(-1...

43 │ DateTime tuNgay30042025 = Cast.ToDateTime(2025 + "-" + string.Format("{0:00}", 4) + "-01");

44 │ DateTime denNgay30042025 = Cast.ToDateTime(2025 + "-" + string.Format("{0:00}", 3) + "-14");

45 │

46 │ //// TẠO DATA TỒN KHO

47 │ List<VtthTonKhoHoaChatXn> data = new List<VtthTonKhoHoaChatXn>();

48 │

49 │ // nếu (Thang.ToInt() == 3 && Nam.ToInt() == 2025) lấy tồn kho đầu kỳ đến ngày 14/03/2024

50 │ if (Thang.ToInt() == 4 && Nam.ToInt() == 2025)

51 │ {

52 │ List<TheKho> dataTK = new med\_TonKhoNgayModel(dbContext).TinhTonKhoVTTHTheoNgay(tuNgay30042025, denNgay3...

53 │

54 │ List<VtthTonKhoHoaChatXn> tonDauKy = (from tk in dataTK

55 │ join dm in dbContext.MedDinhMucHoaChatXn on tk.MaVatTu equals dm.M...

56 │ select new VtthTonKhoHoaChatXn

57 │ {

58 │ Nam = Nam,

59 │ Thang = Thang,

60 │ MaKho = MaKho,

61 │ MaTenThuongMai = dm.MaTenThuongMai ?? Utility.defaultUID,

62 │ MaDvt = dm.MaDvt,

63 │ SoLuongDauKy = tk.SLTon \* dm.SoLuongDonVi,

64 │ }).ToList();

65 │

66 │ data.AddRange(tonDauKy);

67 │ List<VtthTonKhoHoaChatXn> tonDauKyDangDo = (from tk in dbContext.VtthSoDuDauKyDangDo ...

68 │ select new VtthTonKhoHoaChatXn

69 │ {

70 │ Nam = Nam,

71 │ Thang = Thang,

72 │ MaKho = MaKho,

73 │ MaTenThuongMai = tk.MaVatTu,

74 │ MaDvt = tk.MaDvt,

75 │ SoLuongDauKyDangDo = tk.SoDuDauKyDangDo,

76 │ }).ToList();

77 │

78 │ var dataDictionaryDangDo = data.ToDictionary(t => (t.MaKho, t.MaTenThuongMai), t => t);

79 │ foreach (var i in tonDauKyDangDo)

80 │ {

81 │ var key = (i.MaKho, i.MaTenThuongMai);

82 │

83 │ if (dataDictionaryDangDo.TryGetValue(key, out var e))

84 │ {

85 │ e.SoLuongDauKyDangDo = (e.SoLuongDauKyDangDo ?? 0) + i.SoLuongDauKyDangDo;

86 │ e.SoLuongCuoiKyDangDo = (e.SoLuongDauKyDangDo ?? 0);

87 │ }

88 │ else

89 │ {

90 │ var newItem = new VtthTonKhoHoaChatXn

91 │ {

92 │ Nam = Nam,

93 │ Thang = Thang,

94 │ MaKho = MaKho,

95 │ MaTenThuongMai = i.MaTenThuongMai,

96 │ MaDvt = i.MaDvt,

97 │ SoLuongDauKyDangDo = i.SoLuongDauKyDangDo,

98 │ SoLuongCuoiKyDangDo = i.SoLuongDauKyDangDo,

99 │ };

100 │ data.Add(newItem);

101 │ }

102 │ }

103 │ }

104 │ else

105 │ {

106 │ //// TẠO TỒN KHO ĐẦU KỲ

107 │ data.AddRange(dbContext.VtthTonKhoHoaChatXn.AsNoTracking().Where(t => t.Nam == NgayCoThangTruoc.Year && ...

108 │ && t.MaKho == MaKho && ((t.SoLuongTonCuoi ?? 0) != 0 || (t.SoLuongCuoiKyDangDo ?? 0) != 0)).Select(x...

109 │ {

110 │ Nam = Nam,

111 │ Thang = Thang,

112 │ MaKho = MaKho,

113 │ MaTenThuongMai = x.MaTenThuongMai,

114 │ MaDvt = x.MaDvt,

115 │ SoLuongDauKy = x.SoLuongTonCuoi,

116 │ SoLuongDauKyDangDo = x.SoLuongCuoiKyDangDo,

117 │ SoLuongTonCuoi = x.SoLuongTonCuoi,

118 │ SoLuongCuoiKyDangDo = x.SoLuongCuoiKyDangDo,

119 │ }).AsNoTracking().ToList());

120 │

121 │ data.AddRange(dbContext.VtthSoDuDauKyDangDo.AsNoTracking().Where(t => t.Nam == Nam && t.Thang == Thang

122 │ && (t.SoDuDauKyDangDo ?? 0) != 0).Select(x => new VtthTonKhoHoaChatXn

123 │ {

124 │ Nam = Nam,

125 │ Thang = Thang,

126 │ MaKho = MaKho,

127 │ MaTenThuongMai = x.MaVatTu,

128 │ MaDvt = x.MaDvt,

129 │ SoLuongDauKy = 0,

130 │ SoLuongDauKyDangDo = x.SoDuDauKyDangDo,

131 │ SoLuongTonCuoi = 0,

132 │ SoLuongCuoiKyDangDo = x.SoDuDauKyDangDo,

133 │ }).AsNoTracking().ToList());

134 │ }

135 │

136 │ var dinhMucHoaChat = dbContext.MedDinhMucHoaChatXn.Where(t=> !(t.Deleted ?? false)).Select(t=> new

137 │ {

138 │ t.MaTenThuongMai,

139 │ t.SoLuongDonVi

140 │ }).Distinct().ToList();

141 │

142 │ var listTonKhoTheoKhay = dbContext.MedTonKho.AsNoTracking().Where(t => t.MaKho == MaKho && t.Thang == Thang ...

143 │ {

144 │ t.MaVatTu,

145 │ t.SoLuongDauKy,

146 │ t.SoLuongNhap,

147 │ t.SoLuongXuat,

148 │ t.SoLuongTon

149 │ }).GroupBy(x => x.MaVatTu).Select(g => new

150 │ {

151 │ MaVatTu = g.Key,

152 │ SoLuongDauKy = g.Sum(x => x.SoLuongDauKy ?? 0),

153 │ SoLuongNhap = g.Sum(x => x.SoLuongNhap ?? 0),

154 │ SoLuongXuat = g.Sum(x => x.SoLuongXuat ?? 0),

155 │ SoLuongTon = g.Sum(x => x.SoLuongTon ?? 0),

156 │ }).ToList();

157 │

158 │ var listSuDung = (from kq in dbContext.KcbKetQuaCls.AsNoTracking().Where(t => t.NgayDuyet != null

159 │ && t.NgayDuyet.Value.Month == Thang && t.NgayDuyet.Value.Year == Nam ...

160 │ && t.TrangThai == (int)TrangThaiMauXN.XacNhanKQ && !(t.Deleted ?? false))

161 │ join ct in dbContext.KcbChiTietKetQuaCls.AsNoTracking().Where(t => !string.IsNullOrEmpty(t...

162 │ join dm in dbContext.MedDinhMucHoaChatXn.AsNoTracking().Where(t=> !(t.Deleted ?? false)) o...

163 │ select new

164 │ {

165 │ MaVatTu = dm.MaTenThuongMai,

166 │ MaDVT = dm.MaDvttuongUng,

167 │ SoLan = (ct.SoLanChay ?? 1) \* 1

168 │ }).GroupBy(t => new { t.MaVatTu, t.MaDVT }).Select(g => new

169 │ {

170 │ MaVatTu = g.Key.MaVatTu ?? Utility.defaultUID,

171 │ MaDVT = g.Key.MaDVT,

172 │ SoLuongSuDung = g.Sum(x => x.SoLan),

173 │ }).ToList();

174 │

175 │ ////////////////////////////////

176 │ var dataDictionary = data.ToDictionary(t => (t.MaTenThuongMai), t => t);

177 │ var dinhMucDictionary = dinhMucHoaChat.ToDictionary(t => (t.MaTenThuongMai ?? Utility.defaultUID), t => t);

178 │ foreach (var i in listTonKhoTheoKhay)

179 │ {

180 │ var key = (i.MaVatTu);

181 │

182 │ dinhMucDictionary.TryGetValue(key, out var dm);

183 │ if (dataDictionary.TryGetValue(key, out var e))

184 │ {

185 │ e.SoLuongDauKy = i.SoLuongDauKy;

186 │ e.SoLuongNhapTrongKy = i.SoLuongNhap;

187 │ e.SoLuongXuatTrongKy = i.SoLuongXuat;

188 │ e.SoLuongNhapSuDung = i.SoLuongXuat \* (dm != null ? dm.SoLuongDonVi : 0);

189 │ e.SoLuongTonCuoi = i.SoLuongTon;

190 │ }

191 │ else

192 │ {

193 │ var newItem = new VtthTonKhoHoaChatXn

194 │ {

195 │ Nam = Nam,

196 │ Thang = Thang,

197 │ MaKho = MaKho,

198 │ MaTenThuongMai = i.MaVatTu,

199 │ SoLuongDauKy = i.SoLuongDauKy,

200 │ SoLuongNhapTrongKy = i.SoLuongNhap,

201 │ SoLuongXuatTrongKy = i.SoLuongXuat,

202 │ SoLuongNhapSuDung = i.SoLuongXuat \* (dm != null ? dm.SoLuongDonVi : 0),

203 │ SoLuongTonCuoi = i.SoLuongTon,

204 │ };

205 │ data.Add(newItem);

206 │ }

207 │ }

208 │

209 │ var dataDictionarySuDung = data.ToDictionary(t => (t.MaTenThuongMai), t => t);

210 │

211 │ foreach (var i in listSuDung)

212 │ {

213 │ var key = (i.MaVatTu);

214 │

215 │ if (dataDictionarySuDung.TryGetValue(key, out var e))

216 │ {

217 │ e.SoLuongSuDung = (e.SoLuongSuDung ?? 0) + i.SoLuongSuDung;

218 │ e.SoLuongCuoiKyDangDo = (e.SoLuongDauKyDangDo ?? 0) + (e.SoLuongNhapSuDung ?? 0) - (e.SoLuongSuDung ...

219 │ }

220 │ else

221 │ {

222 │ var newItem = new VtthTonKhoHoaChatXn

223 │ {

224 │ Nam = Nam,

225 │ Thang = Thang,

226 │ MaKho = MaKho,

227 │ MaTenThuongMai = i.MaVatTu,

228 │ MaDvt = i.MaDVT,

229 │ SoLuongSuDung = i.SoLuongSuDung,

230 │ SoLuongCuoiKyDangDo = i.SoLuongSuDung \* (-1)

231 │ };

232 │ data.Add(newItem);

233 │ }

234 │ }

235 │

236 │ using (var transaction = dbContext.Database.BeginTransaction())

237 │ {

238 │ try

239 │ {

240 │ //XÓA TỒN KHO CŨ

241 │ var listDelete = dbContext.VtthTonKhoHoaChatXn.Where(t => t.Nam == Nam && t.Thang == Thang && t.MaKh...

242 │ dbContext.BulkDelete(listDelete);

243 │

244 │ // insert tồn kho mới

245 │ dbContext.BulkInsert(data);

246 │ transaction.Commit();

247 │ return (true, "");

248 │ }

249 │ catch (DbUpdateException ex)

250 │ {

251 │ error = ex.InnerException?.Message;

252 │ transaction.Rollback();

253 │ goto error;

254 │ }

255 │ catch (Exception ex)

256 │ {

257 │ error = ex.Message;

258 │ transaction.Rollback();

259 │ goto error;

260 │ }

261 │ }

262 │

263 │ error:

264 │ return (false, error);

265 │ }

266 │ }

267 │ }

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**📄 xn\_ChiTietQCALModel.cs (CS, 65 lines)**

1 │ ﻿using HongHungHIS.Models.Entity;

2 │ using Microsoft.EntityFrameworkCore;

3 │

4 │ namespace HongHungHIS.Models.ExModel.XETNGHIEM

5 │ {

6 │ public class xn\_ChiTietQCALModel : Base<XnChiTietQccal>

7 │ {

8 │ public xn\_ChiTietQCALModel(DbContext dbContext) : base(dbContext)

9 │ {

10 │ }

11 │ public int SaveListChiTietQC(Guid ma, List<XnChiTietQccal> cts, Guid userid)

12 │ {

13 │ int row = 0;

14 │ try

15 │ {

16 │ List<XnChiTietQccal> cts\_old = \_dbContext.Set<XnChiTietQccal>().Where(t => t.MaQccal == ma && !(t.Delete...

17 │ List<XnChiTietQccal> list\_deleted = cts\_old.Where(t => !cts.Select(x => x.Ma).Contains(t.Ma)).Select(t =...

18 │

19 │ if (list\_deleted != null && list\_deleted.Count > 0)

20 │ {

21 │ \_dbContext.UpdateRange(list\_deleted);

22 │ \_dbContext.SaveChanges();

23 │ }

24 │

25 │ List<XnChiTietQccal> list\_update = (from ctmoi in cts

26 │ join ctcu in cts\_old on ctmoi.Ma equals ctcu.Ma

27 │ select new { cu = ctcu, moi = ctmoi }).ToList().Select(t =>

28 │ {

29 │ t.cu.SoLuong = t.moi.SoLuong;

30 │ t.cu.MaDichVu = t.moi.MaDichVu; ...

31 │ t.cu.ModifiedDate = DateTime.Now;

32 │ t.cu.UserModified = userid;

33 │ return t.cu;

34 │ }).ToList();

35 │

36 │ if (list\_update != null && list\_update.Count > 0)

37 │ {

38 │ \_dbContext.UpdateRange(list\_update);

39 │ \_dbContext.SaveChanges();

40 │ }

41 │

42 │ List<XnChiTietQccal> list\_insert = cts.Where(t => !cts\_old.Select(x => x.Ma).Contains(t.Ma)).Select(t =>

43 │ {

44 │ t.MaQccal = ma;

45 │ t.CreatedDate = DateTime.Now;

46 │ t.UserCreated = userid;

47 │ return t;

48 │ }).ToList();

49 │

50 │ if (list\_insert != null && list\_insert.Count > 0)

51 │ {

52 │ \_dbContext.AddRange(list\_insert);

53 │ \_dbContext.SaveChanges();

54 │ }

55 │

56 │ row = cts.Count();

57 │ return 1;

58 │ }

59 │ catch

60 │ {

61 │ return 0;

62 │ }

63 │ }

64 │ }

65 │ }

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**📄 xn\_ChiTietTestXNModel.cs (CS, 71 lines)**

1 │ ﻿using HongHungHIS.Models.Entity;

2 │ using Microsoft.EntityFrameworkCore;

3 │

4 │ namespace HongHungHIS.Models.ExModel.XETNGHIEM

5 │ {

6 │ public class xn\_ChiTietTestXNModel : Base<XnChiTietLoXn>

7 │ {

8 │ public xn\_ChiTietTestXNModel(DbContext dbContext) : base(dbContext)

9 │ {

10 │ }

11 │

12 │

13 │ public int SaveListChiTiet(Guid ma, List<XnChiTietLoXn> cts, Guid userid)

14 │ {

15 │ int row = 0;

16 │ try

17 │ {

18 │ List<XnChiTietLoXn> cts\_old = \_dbContext.Set<XnChiTietLoXn>().Where(t => t.MaLotTestXn == ma && !(t.Dele...

19 │ List<XnChiTietLoXn> list\_deleted = cts\_old.Where(t => !cts.Select(x => x.Ma).Contains(t.Ma)).Select(t =>...

20 │

21 │ if (list\_deleted != null && list\_deleted.Count > 0)

22 │ {

23 │ \_dbContext.UpdateRange(list\_deleted);

24 │ \_dbContext.SaveChanges();

25 │ }

26 │

27 │ List<XnChiTietLoXn> list\_update = (from ctmoi in cts

28 │ join ctcu in cts\_old on ctmoi.Ma equals ctcu.Ma

29 │ select new { cu = ctcu, moi = ctmoi }).ToList().Select(t =>

30 │ {

31 │ t.cu.GiaTriTrungBinh = t.moi.GiaTriTrungBinh;

32 │ t.cu.GiaTri1Sd = t.moi.GiaTri1Sd;

33 │ t.cu.GiaTri2Sd = t.moi.GiaTri2Sd;

34 │ t.cu.GioiHan = t.moi.GioiHan;

35 │ t.cu.GiaTriNhoNhat = t.moi.GiaTriNhoNhat;

36 │ t.cu.GiaTriLonNhat = t.moi.GiaTriLonNhat;

37 │ t.cu.ModifiedDate = DateTime.Now;

38 │ t.cu.UserModified = userid;

39 │ return t.cu;

40 │ }).ToList();

41 │

42 │ if (list\_update != null && list\_update.Count > 0)

43 │ {

44 │ \_dbContext.UpdateRange(list\_update);

45 │ \_dbContext.SaveChanges();

46 │ }

47 │

48 │ List<XnChiTietLoXn> list\_insert = cts.Where(t => !cts\_old.Select(x => x.Ma).Contains(t.Ma)).Select(t =>

49 │ {

50 │ t.MaLotTestXn = ma;

51 │ t.CreatedDate = DateTime.Now;

52 │ t.UserCreated = userid;

53 │ return t;

54 │ }).ToList();

55 │

56 │ if (list\_insert != null && list\_insert.Count > 0)

57 │ {

58 │ \_dbContext.AddRange(list\_insert);

59 │ \_dbContext.SaveChanges();

60 │ }

61 │

62 │ row = cts.Count();

63 │ return 1;

64 │ }

65 │ catch

66 │ {

67 │ return 0;

68 │ }

69 │ }

70 │ }

71 │ }

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**📄 xn\_DanhMucChiSoModel.cs (CS, 132 lines)**

1 │ ﻿using HongHungHIS.Common;

2 │ using HongHungHIS.Models.Entity;

3 │ using Microsoft.EntityFrameworkCore;

4 │

5 │ namespace HongHungHIS.Models.ExModel.XETNGHIEM

6 │ {

7 │ public class xn\_DanhMucChiSoModel : Base<XnDanhMucChiSo>

8 │ {

9 │ public xn\_DanhMucChiSoModel(DbContext dbContext) : base(dbContext)

10 │ {

11 │ }

12 │

13 │ public List<XnDanhMucChiSo> GetData()

14 │ {

15 │ return Get(t => !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

16 │ }

17 │

18 │ public XnDanhMucChiSo GetItem(Guid Ma)

19 │ {

20 │ return First(t => t.Ma == Ma && !(t.Deleted ?? false));

21 │ }

22 │ public int Add(string InCode, string OutCode, string DienGiai, Guid? MaNhom, Guid? MaLoaiDV, Guid? MaDichVu, str...

23 │ , string GiaTriThap, string GiaTriCao, bool Status, Guid UserId, string KyHieu, string TenDVT, int STT, bool...

24 │ , bool PhanChiNamNu, string GiaTriCaoNam, string GiaTriThapNam, int SoChuSoThapPhan, bool BatBuocHienSoThapP...

25 │ , decimal? ChiSoMin, decimal? ChiSoMax, decimal? ChiSoMinNam, decimal? ChiSoMaxNam, string TenNgan

26 │ )

27 │ {

28 │ XnDanhMucChiSo item = new XnDanhMucChiSo

29 │ {

30 │ InCode = InCode,

31 │ OutCode = OutCode,

32 │ DienGiai = DienGiai,

33 │ MaNhom = MaNhom,

34 │ MaLoaiDv = MaLoaiDV,

35 │ MaDichVu = MaDichVu,

36 │ Code = Code,

37 │ MaDvt = MaDVT,

38 │ TenDvt = TenDVT,

39 │ GiaTriCao = GiaTriCao,

40 │ GiaTriThap = GiaTriThap,

41 │ KyHieu = KyHieu,

42 │ Status = Status,

43 │ UserCreated = UserId,

44 │ CreatedDate = DateTime.Now,

45 │ Stt = STT,

46 │ LayKetQuaKsk = LayKetQuaKsk,

47 │ MaNhomKyThuat = MaNhomKyThuat.GetGuid(),

48 │ PhanChiaNamNu = PhanChiNamNu,

49 │ GiaTriThapNam = GiaTriThapNam,

50 │ GiaTriCaoNam = GiaTriCaoNam,

51 │ SoChuSoThapPhan = SoChuSoThapPhan,

52 │ BatBuocHienSoThapPhan = BatBuocHienSoThapPhan,

53 │ CanhBao = CanhBao,

54 │ ChiSoMin = ChiSoMin,

55 │ ChiSoMax = ChiSoMax,

56 │ ChiSoMaxNam = ChiSoMaxNam,

57 │ ChiSoMinNam = ChiSoMinNam,

58 │ TenNgan = TenNgan

59 │ };

60 │ return Add(item);

61 │ }

62 │

63 │ public int Edit(Guid Ma, string InCode, string OutCode, string DienGiai, Guid? MaNhom, Guid? MaLoaiDV, Guid? MaD...

64 │ , string Code, Guid? MaDVT, string GiaTriThap, string GiaTriCao, bool Status, Guid UserId, string KyHieu, st...

65 │ , bool LayKetQuaKsk, string MaNhomKyThuat, bool PhanChiNamNu, string GiaTriCaoNam, string GiaTriThapNam, int...

66 │ , bool BatBuocHienSoThapPhan, bool? CanhBao, decimal? ChiSoMin, decimal? ChiSoMax, decimal? ChiSoMinNam, dec...

67 │ {

68 │ XnDanhMucChiSo item = GetItem(Ma);

69 │ if (item != null)

70 │ {

71 │ /\*if (CheckUsing(Ma))

72 │ {

73 │ return -5;

74 │ }

75 │ \*/

76 │

77 │ item.MaNhom = MaNhom;

78 │ item.MaLoaiDv = MaLoaiDV;

79 │ item.MaDichVu = MaDichVu;

80 │ item.Code = Code;

81 │ item.MaDvt = MaDVT;

82 │ item.TenDvt = TenDVT;

83 │ item.GiaTriCao = GiaTriCao;

84 │ item.GiaTriThap = GiaTriThap;

85 │ item.DienGiai = DienGiai;

86 │ item.KyHieu = KyHieu;

87 │ item.Status = Status;

88 │ item.UserModified = UserId;

89 │ item.ModifiedDate = DateTime.Now;

90 │ item.Stt = STT;

91 │ item.LayKetQuaKsk = LayKetQuaKsk;

92 │ item.MaNhomKyThuat = MaNhomKyThuat.GetGuid();

93 │ item.PhanChiaNamNu = PhanChiNamNu;

94 │ item.GiaTriCaoNam = GiaTriCaoNam;

95 │ item.GiaTriThapNam = GiaTriThapNam;

96 │ item.SoChuSoThapPhan = SoChuSoThapPhan;

97 │ item.BatBuocHienSoThapPhan = BatBuocHienSoThapPhan;

98 │ item.CanhBao = CanhBao;

99 │ item.ChiSoMax = ChiSoMax;

100 │ item.ChiSoMin = ChiSoMin;

101 │ item.ChiSoMaxNam = ChiSoMaxNam;

102 │ item.ChiSoMinNam = ChiSoMinNam;

103 │ item.TenNgan = TenNgan;

104 │ return Update(item);

105 │ }

106 │ return -2;

107 │ }

108 │ public int Delete(Guid Ma, Guid UserID)

109 │ {

110 │ XnDanhMucChiSo item = GetItem(Ma);

111 │

112 │ if (item != null)

113 │ {

114 │ /\*if (CheckUsing(Ma))

115 │ {

116 │ return -5;

117 │ }\*/

118 │

119 │ item.Deleted = true;

120 │ item.DeletedDate = DateTime.Now;

121 │ item.UserDeleted = UserID;

122 │ return Update(item);

123 │ }

124 │ return -2;

125 │ }

126 │

127 │ /\*public bool CheckUsing(int Ma)

128 │ {

129 │ return \_dbContext.Set<VacPhacDoTiemChung>().Any(t => (t.MaNhomTiemChung ?? 0) == Ma && !(t.Deleted ?? false)...

130 │ }\*/

131 │ }

132 │ }

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**📄 xn\_KetQuaXNModel.cs (CS, 56 lines)**

1 │ ﻿using HongHungHIS.Common;

2 │ using HongHungHIS.Models.Entity;

3 │ using HongHungHIS.Models.ExModel.SYS;

4 │ using Microsoft.EntityFrameworkCore;

5 │ using SkiaSharp;

6 │ namespace HongHungHIS.Models.ExModel.XETNGHIEM

7 │ {

8 │ public class xn\_KetQuaXNModel : Base<KcbKetQuaCls>

9 │ {

10 │ public xn\_KetQuaXNModel(DbContext dbContext) : base(dbContext)

11 │ {

12 │ }

13 │

14 │ public int XacNhanXetNghiem(Guid MaThongTinKham)

15 │ {

16 │ KcbThongTinKham? ttkham = \_dbContext.Set<KcbThongTinKham>().FirstOrDefault(t => t.Ma == MaThongTinKham & !(t...

17 │ if (ttkham != null)

18 │ {

19 │ KcbTiepNhan? tn = \_dbContext.Set<KcbTiepNhan>().FirstOrDefault(t => t.Ma == ttkham.Ma & !(t.Deleted ?? f...

20 │ if (tn != null)

21 │ {

22 │ TblBenhNhan? bn = \_dbContext.Set<TblBenhNhan>().FirstOrDefault(t => t.Ma == (tn.MaBenhNhan ?? Utilit...

23 │ if (bn != null)

24 │ {

25 │ SysUser? u = new sys\_UserModel(\_dbContext).GetItem(ttkham.MaBacSi ?? Utility.defaultUID);

26 │

27 │ var list = (from dvcd in \_dbContext.Set<KcbNgoaiTruVienPhi>()

28 │ join chiso in \_dbContext.Set<XnDanhMucChiSo>() on dvcd.MaDichVu equals chiso.MaDichV...

29 │ where dvcd.MaTiepNhan == tn.Ma && dvcd.MaThongTinKham == ttkham.Ma

30 │ && ((dvcd.DaThanhToan ?? 0) > 0 || (dvcd.DaTamUng ?? 0) > 0) && !(dvcd.DaThucHien ??...

31 │ && !(dvcd.WorkList ?? false)

32 │ && (chiso.Status ?? false) && !(chiso.Deleted ?? false)

33 │ select new { dvcd.Ma, dvcd.MaDichVu, chiso.InCode }).ToList();

34 │

35 │ if (list.Count > 0)

36 │ {

37 │ string DataCobas = Utility.DataCobas(ttkham.NgayGioKham ?? DateTime.Now, bn, tn.SoTheBhyt ??...

38 │

39 │ if (DataCobas.Length > 0)

40 │ {

41 │ List<KcbNgoaiTruVienPhi> listDV = \_dbContext.Set<KcbNgoaiTruVienPhi>()

42 │ .Where(t => list.Select(x => x.Ma).Contains(t.Ma)).ToList().Select(g =>

43 │ {

44 │ g.WorkList = true;

45 │ return g;

46 │ }).ToList();

47 │ }

48 │ return 1;

49 │ }

50 │ }

51 │ }

52 │ }

53 │ return 0;

54 │ }

55 │ }

56 │ }

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**📄 xn\_MucDichSuDungModel.cs (CS, 98 lines)**

1 │ ﻿using HongHungHIS.Common;

2 │ using HongHungHIS.Models.Entity;

3 │ using Microsoft.EntityFrameworkCore;

4 │

5 │ namespace HongHungHIS.Models.ExModel.XETNGHIEM

6 │ {

7 │ public class xn\_MucDichSuDungModel : Base<XnMucDichSuDung>

8 │ {

9 │

10 │ public xn\_MucDichSuDungModel(DbContext dbContext) : base(dbContext)

11 │ {

12 │ }

13 │ public List<XnMucDichSuDung> GetData()

14 │ {

15 │ return Get(t => !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

16 │ }

17 │

18 │ public XnMucDichSuDung GetItem(Guid Ma)

19 │ {

20 │ return First(t => t.Ma == Ma && !(t.Deleted ?? false));

21 │ }

22 │

23 │

24 │ public int Add(string Ten, string Code, bool Status, Guid UserId)

25 │ {

26 │ if (CheckExsits(Utility.defaultUID, Code))

27 │ {

28 │ return -1;

29 │ }

30 │ XnMucDichSuDung item = new XnMucDichSuDung

31 │ {

32 │ Ten = Ten,

33 │ Code = Code,

34 │ Status = Status,

35 │ UserCreated = UserId,

36 │ CreatedDate = DateTime.Now

37 │ };

38 │ return Add(item);

39 │ }

40 │

41 │

42 │ public int Edit(Guid Ma, string Ten, string Code, bool Status, Guid UserId)

43 │ {

44 │ XnMucDichSuDung item = GetItem(Ma);

45 │ if (CheckExsits(Ma, Code))

46 │ {

47 │ return -1;

48 │ }

49 │ if (item != null)

50 │ {

51 │ item.Ten = Ten;

52 │ item.Code = Code;

53 │ item.Status = Status;

54 │ item.UserModified = UserId;

55 │ item.ModifiedDate = DateTime.Now;

56 │ return Update(item);

57 │ }

58 │ return -2;

59 │ }

60 │ public int Delete(Guid Ma, Guid UserID)

61 │ {

62 │ XnMucDichSuDung item = GetItem(Ma);

63 │ if (CheckUsing(Ma))

64 │ {

65 │ return -5;

66 │ }

67 │ if (item != null)

68 │ {

69 │ item.Deleted = true;

70 │ item.DeletedDate = DateTime.Now;

71 │ item.UserDeleted = UserID;

72 │ return Update(item);

73 │ }

74 │ return -2;

75 │ }

76 │ public bool CheckUsing(Guid Ma)

77 │ {

78 │ //TblBenhNhan? item = \_dbContext.Set<TblBenhNhan>().FirstOrDefault(t => (t.MaDanToc ?? 0) == Ma && !(t.D...

79 │ //if (item != null)

80 │ //{

81 │ // return true;

82 │ //}

83 │ return false;

84 │ }

85 │

86 │ public List<XnMucDichSuDung> getDVT(List<Guid> listMa)

87 │ {

88 │ List<XnMucDichSuDung> ListDVT = \_dbContext.Set<XnMucDichSuDung>().Where(t => listMa.Contains(t.Ma)).ToLi...

89 │ return ListDVT;

90 │ }

91 │

92 │ public bool CheckExsits(Guid Ma, string Code)

93 │ {

94 │ return \_dbContext.Set<XnMucDichSuDung>().Any(t => t.Ma != Ma && t.Code == Code && !(t.Deleted ?? false))...

95 │ }

96 │

97 │ }

98 │ }

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**📄 xn\_NhomKyThuatModel.cs (CS, 96 lines)**

1 │ ﻿using HongHungHIS.Common;

2 │ using HongHungHIS.Models.Entity;

3 │ using Microsoft.EntityFrameworkCore;

4 │

5 │ namespace HongHungHIS.Models.ExModel.XETNGHIEM

6 │ {

7 │ public class xn\_NhomKyThuatModel : Base<XnNhomKyThuat>

8 │ {

9 │ public xn\_NhomKyThuatModel(DbContext dbContext) : base(dbContext)

10 │ {

11 │ }

12 │ public List<XnNhomKyThuat> GetData()

13 │ {

14 │ return Get(t => !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

15 │ }

16 │

17 │ public XnNhomKyThuat GetItem(Guid Ma)

18 │ {

19 │ return First(t => t.Ma == Ma && !(t.Deleted ?? false));

20 │ }

21 │

22 │

23 │ public int Add(string Ten, string Code, bool Status, Guid UserId)

24 │ {

25 │ if (CheckExsits(Utility.defaultUID, Code))

26 │ {

27 │ return -1;

28 │ }

29 │ XnNhomKyThuat item = new XnNhomKyThuat

30 │ {

31 │ Ten = Ten,

32 │ Code = Code,

33 │ Status = Status,

34 │ UserCreated = UserId,

35 │ CreatedDate = DateTime.Now

36 │ };

37 │ return Add(item);

38 │ }

39 │

40 │

41 │ public int Edit(Guid Ma, string Ten, string Code, bool Status, Guid UserId)

42 │ {

43 │ XnNhomKyThuat item = GetItem(Ma);

44 │ if (CheckExsits(Ma, Code))

45 │ {

46 │ return -1;

47 │ }

48 │ if (item != null)

49 │ {

50 │ item.Ten = Ten;

51 │ item.Code = Code;

52 │ item.Status = Status;

53 │ item.UserModified = UserId;

54 │ item.ModifiedDate = DateTime.Now;

55 │ return Update(item);

56 │ }

57 │ return -2;

58 │ }

59 │ public int Delete(Guid Ma, Guid UserID)

60 │ {

61 │ XnNhomKyThuat item = GetItem(Ma);

62 │ if (CheckUsing(Ma))

63 │ {

64 │ return -5;

65 │ }

66 │ if (item != null)

67 │ {

68 │ item.Deleted = true;

69 │ item.DeletedDate = DateTime.Now;

70 │ item.UserDeleted = UserID;

71 │ return Update(item);

72 │ }

73 │ return -2;

74 │ }

75 │ public bool CheckUsing(Guid Ma)

76 │ {

77 │ //TblBenhNhan? item = \_dbContext.Set<TblBenhNhan>().FirstOrDefault(t => (t.MaDanToc ?? 0) == Ma && !(t.Delet...

78 │ //if (item != null)

79 │ //{

80 │ // return true;

81 │ //}

82 │ return false;

83 │ }

84 │

85 │ public List<XnNhomKyThuat> getDVT(List<Guid> listMa)

86 │ {

87 │ List<XnNhomKyThuat> ListDVT = \_dbContext.Set<XnNhomKyThuat>().Where(t => listMa.Contains(t.Ma)).ToList();

88 │ return ListDVT;

89 │ }

90 │

91 │ public bool CheckExsits(Guid Ma, string Code)

92 │ {

93 │ return \_dbContext.Set<XnNhomKyThuat>().Any(t => t.Ma != Ma && t.Code == Code && !(t.Deleted ?? false));

94 │ }

95 │ }

96 │ }

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**📄 xn\_NhomMayXnModel.cs (CS, 98 lines)**

1 │ ﻿using HongHungHIS.Common;

2 │ using HongHungHIS.Models.Entity;

3 │ using Microsoft.EntityFrameworkCore;

4 │

5 │ namespace HongHungHIS.Models.ExModel.XETNGHIEM

6 │ {

7 │ public class xn\_NhomMayXnModel : Base<XnNhomMay>

8 │ {

9 │

10 │ public xn\_NhomMayXnModel(DbContext dbContext) : base(dbContext)

11 │ {

12 │ }

13 │ public List<XnNhomMay> GetData()

14 │ {

15 │ return Get(t => !(t.Deleted ?? false)).OrderByDescending(t => t.CreatedDate).ToList();

16 │ }

17 │

18 │ public XnNhomMay GetItem(Guid Ma)

19 │ {

20 │ return First(t => t.Ma == Ma && !(t.Deleted ?? false));

21 │ }

22 │

23 │

24 │ public int Add(string Ten, string Code, bool Status, Guid UserId)

25 │ {

26 │ if (CheckExsits(Utility.defaultUID, Code))

27 │ {

28 │ return -1;

29 │ }

30 │ XnNhomMay item = new XnNhomMay

31 │ {

32 │ Ten = Ten,

33 │ Code = Code,

34 │ Status = Status,

35 │ UserCreated = UserId,

36 │ CreatedDate = DateTime.Now

37 │ };

38 │ return Add(item);

39 │ }

40 │

41 │

42 │ public int Edit(Guid Ma, string Ten, string Code, bool Status, Guid UserId)

43 │ {

44 │ XnNhomMay item = GetItem(Ma);

45 │ if (CheckExsits(Ma, Code))

46 │ {

47 │ return -1;

48 │ }

49 │ if (item != null)

50 │ {

51 │ item.Ten = Ten;

52 │ item.Code = Code;

53 │ item.Status = Status;

54 │ item.UserModified = UserId;

55 │ item.ModifiedDate = DateTime.Now;

56 │ return Update(item);

57 │ }

58 │ return -2;

59 │ }

60 │ public int Delete(Guid Ma, Guid UserID)

61 │ {

62 │ XnNhomMay item = GetItem(Ma);

63 │ if (CheckUsing(Ma))

64 │ {

65 │ return -5;

66 │ }

67 │ if (item != null)

68 │ {

69 │ item.Deleted = true;

70 │ item.DeletedDate = DateTime.Now;

71 │ item.UserDeleted = UserID;

72 │ return Update(item);

73 │ }

74 │ return -2;

75 │ }

76 │ public bool CheckUsing(Guid Ma)

77 │ {

78 │ //TblBenhNhan? item = \_dbContext.Set<TblBenhNhan>().FirstOrDefault(t => (t.MaDanToc ?? 0) == Ma && !(t.Delet...

79 │ //if (item != null)

80 │ //{

81 │ // return true;

82 │ //}

83 │ return false;

84 │ }

85 │

86 │ public List<XnNhomMay> getDVT(List<Guid> listMa)

87 │ {

88 │ List<XnNhomMay> ListDVT = \_dbContext.Set<XnNhomMay>().Where(t => listMa.Contains(t.Ma)).ToList();

89 │ return ListDVT;

90 │ }

91 │

92 │ public bool CheckExsits(Guid Ma, string Code)

93 │ {

94 │ return \_dbContext.Set<XnNhomMay>().Any(t => t.Ma != Ma && t.Code == Code && !(t.Deleted ?? false));

95 │ }

96 │

97 │ }

98 │ }