

#1./* [dbo].[Phongthi0] Script Date: 13/07/2025 6:18:36 AM

***** Thi giữa kỳ /

SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

```
CREATE TABLE [dbo].[Phongthi0](
    [MaPT0] [nvarchar](10) NOT NULL,
    [Phongthi] [nvarchar](50) NULL,
    [Ngay] [datetime] NULL,
    [Gio] [int] NULL,
    [Phut] [int] NULL,
    [Thoigian] [int] NULL,
    [Tiet] [int] NULL,
    [Sotiet] [int] NULL,
    [MaGV1] [nvarchar](10) NULL,
    [MaGV2] [nvarchar](10) NULL,
    [MaPH] [nvarchar](10) NULL,
    [Ghichu] [nvarchar](100) NULL,
    [MaGVCT] [nvarchar](10) NULL,
    [MaKND] [int] NULL,
    [MaCT] [nvarchar](10) NULL,
    [LockND] [int] NULL,
    [Nhapdiemtungay] [datetime] NULL,
    [Nhapdiemdenngay] [datetime] NULL,
    [Daxacnhan] [int] NULL,
    [Dacongbo] [int] NULL,
    [MaGVND] [nvarchar](10) NULL,
    [Nopdethi] [int] NULL,
    [Nhacnopdethi] [int] NULL,
    [Thoigiannhacnopdethi] [datetime] NULL,
    [Solannhacnopdethi] [int] NULL,
    [Nopketqua] [int] NULL,
    [Nhacnopketqua] [int] NULL,
    [Thoigiannhacnopketqua] [datetime] NULL,
    [Solannhacnopketqua] [int] NULL,
    [Nhanbaithi] [int] NULL,
    [Nhacnhanbaithi] [int] NULL,
    [Thoigiannhacnhanbaithi] [datetime] NULL,
    [Solannhacnhanbaithi] [int] NULL,
    CONSTRAINT [PK__Phongthi0__274FAE79] PRIMARY KEY CLUSTERED
(
    [MaPT0] ASC

```

```
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY =  
OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,  
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]  
) ON [PRIMARY]  
GO
```

```
ALTER TABLE [dbo].[Phongthi0] ADD CONSTRAINT  
[DF__Phongthi0__LockN__32E15CB6] DEFAULT (0) FOR [LockND]  
GO
```

```
ALTER TABLE [dbo].[Phongthi0] ADD CONSTRAINT  
[DF__Phongthi0__Daxac__33D580EF] DEFAULT (0) FOR [Daxacnhan]  
GO
```

```
ALTER TABLE [dbo].[Phongthi0] ADD CONSTRAINT  
[DF__Phongthi0__Dacon__34C9A528] DEFAULT (0) FOR [Dacongbo]  
GO
```

```
ALTER TABLE [dbo].[Phongthi0] ADD CONSTRAINT  
[DF__Phongthi0__Nopde__6C19DA12] DEFAULT (0) FOR [Nopdethi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi0] ADD CONSTRAINT  
[DF__Phongthi0__Nhacn__6E022284] DEFAULT (0) FOR [Nhacnopdethi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi0] ADD CONSTRAINT  
[DF__Phongthi0__Solan__161013DE] DEFAULT (0) FOR [Solannhacnopdethi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi0] ADD CONSTRAINT  
[DF__Phongthi0__Nopke__6D0DFE4B] DEFAULT (0) FOR [Nopketqua]  
GO
```

```
ALTER TABLE [dbo].[Phongthi0] ADD CONSTRAINT  
[DF__Phongthi0__Nhacn__6EF646BD] DEFAULT (0) FOR [Nhacnopketqua]  
GO
```

```
ALTER TABLE [dbo].[Phongthi0] ADD CONSTRAINT [DF__Phongthi0__Solan__17043817]  
DEFAULT (0) FOR [Solannhacnopketqua]  
GO
```

```
ALTER TABLE [dbo].[Phongthi0] ADD CONSTRAINT  
[DF__Phongthi0__Nhanb__1333A733] DEFAULT (0) FOR [Nhanbaithi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi0] ADD CONSTRAINT  
[DF__Phongthi0__Nhacn__1427CB6C] DEFAULT (0) FOR [Nhacnhanbaithi]
```

GO

```
ALTER TABLE [dbo].[Phongthi0] ADD CONSTRAINT  
[DF__Phongthi0__Solan__151BEFA5] DEFAULT (0) FOR [Solannhacnhanbaithi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi0] WITH NOCHECK ADD CONSTRAINT  
[FK_Phongthi0_Phonghoc] FOREIGN KEY([MaPH])  
REFERENCES [dbo].[Phonghoc] ([MaPH])  
ON UPDATE CASCADE  
GO
```

```
ALTER TABLE [dbo].[Phongthi0] CHECK CONSTRAINT [FK_Phongthi0_Phonghoc]
```

#2./* [Phongthi1] Script Date: 13/07/2025 6:18:36 AM *****
[Thi L1/](#)

```
SET ANSI_NULLS ON  
GO
```

```
SET QUOTED_IDENTIFIER ON  
GO
```

```
CREATE TABLE [dbo].[Phongthi1](  
    [MaPT1] [nvarchar](10) NOT NULL,  
    [Phongthi] [nvarchar](50) NULL,  
    [Ngay] [datetime] NULL,  
    [Gio] [int] NULL,  
    [Phut] [int] NULL,  
    [Thoigian] [int] NULL,  
    [Tiet] [int] NULL,  
    [Sotiet] [int] NULL,  
    [MaGV1] [nvarchar](10) NULL,  
    [MaGV2] [nvarchar](10) NULL,  
    [MaPH] [nvarchar](10) NULL,  
    [Ghichu] [nvarchar](100) NULL,  
    [MaGVCT] [nvarchar](10) NULL,  
    [MaKND] [int] NULL,  
    [MaCT] [nvarchar](10) NULL,  
    [LockND] [int] NULL,  
    [Nhapdiemtungay] [datetime] NULL,  
    [Nhapdiemdenngay] [datetime] NULL,
```

```

[Daxacnhan] [int] NULL,
[Dacongbo] [int] NULL,
[MaGVND] [nvarchar](10) NULL,
[Nopdethi] [int] NULL,
[Nhacnopdethi] [int] NULL,
[Thoigiannhacnopdethi] [datetime] NULL,
[Solannhacnopdethi] [int] NULL,
[Nopketqua] [int] NULL,
[Nhacnopketqua] [int] NULL,
[Thoigiannhacnopketqua] [datetime] NULL,
[Solannhacnopketqua] [int] NULL,
[Nhanbaithi] [int] NULL,
[Nhacnhanbaithi] [int] NULL,
[Thoigiannhacnhanbaithi] [datetime] NULL,
[Solannhacnhanbaithi] [int] NULL,
CONSTRAINT [PK__Phongthi1__274FAE79] PRIMARY KEY CLUSTERED
(
    [MaPT1] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY =
OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO

```

```

ALTER TABLE [dbo].[Phongthi1] ADD CONSTRAINT
[DF__Phongthi1__LockN__32E15CB6] DEFAULT (0) FOR [LockND]
GO

```

```

ALTER TABLE [dbo].[Phongthi1] ADD CONSTRAINT
[DF__Phongthi1__Daxac__33D580EF] DEFAULT (0) FOR [Daxacnhan]
GO

```

```

ALTER TABLE [dbo].[Phongthi1] ADD CONSTRAINT
[DF__Phongthi1__Dacon__34C9A528] DEFAULT (0) FOR [Dacongbo]
GO

```

```

ALTER TABLE [dbo].[Phongthi1] ADD CONSTRAINT
[DF__Phongthi1__Nopde__6C19DA12] DEFAULT (0) FOR [Nopdethi]
GO

```

```

ALTER TABLE [dbo].[Phongthi1] ADD CONSTRAINT
[DF__Phongthi1__Nhacn__6E022284] DEFAULT (0) FOR [Nhacnopdethi]
GO

```

```

ALTER TABLE [dbo].[Phongthi1] ADD CONSTRAINT
[DF__Phongthi1__Solan__161013DE] DEFAULT (0) FOR [Solannhacnopdethi]
GO

```

```
ALTER TABLE [dbo].[Phongthi1] ADD CONSTRAINT  
[DF__Phongthi1__Nopke__6D0DFE4B] DEFAULT (0) FOR [Nopketqua]  
GO
```

```
ALTER TABLE [dbo].[Phongthi1] ADD CONSTRAINT  
[DF__Phongthi1__Nhacn__6EF646BD] DEFAULT (0) FOR [Nhacnopketqua]  
GO
```

```
ALTER TABLE [dbo].[Phongthi1] ADD CONSTRAINT [DF__Phongthi1__Solan__17043817]  
DEFAULT (0) FOR [Solannhacnopketqua]  
GO
```

```
ALTER TABLE [dbo].[Phongthi1] ADD CONSTRAINT  
[DF__Phongthi1__Nhanb__1333A733] DEFAULT (0) FOR [Nhanbaithi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi1] ADD CONSTRAINT  
[DF__Phongthi1__Nhacn__1427CB6C] DEFAULT (0) FOR [Nhacnhanbaithi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi1] ADD CONSTRAINT  
[DF__Phongthi1__Solan__151BEFA5] DEFAULT (0) FOR [Solannhacnhanbaithi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi1] WITH NOCHECK ADD CONSTRAINT  
[FK_Phongthi1_Phonghoc] FOREIGN KEY([MaPH])  
REFERENCES \[dbo\].\[Phonghoc\] \(\[MaPH\]\)  
ON UPDATE CASCADE  
GO
```

```
ALTER TABLE [dbo].[Phongthi1] CHECK CONSTRAINT [FK_Phongthi1_Phonghoc]
```

#3./* [Phongthi2] Script Date: 13/07/2025 6:19:45 AM *****
[Thi L2/](#)

```
SET ANSI_NULLS ON  
GO
```

```
SET QUOTED_IDENTIFIER ON  
GO
```

```
CREATE TABLE [dbo].[Phongthi2](  
    \[MaPT2\] \[nvarchar\]\(10\) NOT NULL,  
    [Phongthi] [nvarchar](50) NULL,
```

```

[Ngay] [datetime] NULL,
[Gio] [int] NULL,
[Phut] [int] NULL,
[Thoigian] [int] NULL,
[Tiet] [int] NULL,
[Sotiet] [int] NULL,
[MaGV1] [nvarchar](10) NULL,
[MaGV2] [nvarchar](10) NULL,
[MaPH] [nvarchar](10) NULL,
[Ghichu] [nvarchar](100) NULL,
[MaGVCT] [nvarchar](10) NULL,
[MaKND] [int] NULL,
[MaCT] [nvarchar](10) NULL,
[LockND] [int] NULL,
[Nhapdiemtungay] [datetime] NULL,
[Nhapdiemdenngay] [datetime] NULL,
[Daxacnhan] [int] NULL,
[Dacongbo] [int] NULL,
[MaGVND] [nvarchar](10) NULL,
[Nopdethi] [int] NULL,
[Nhacnopdethi] [int] NULL,
[Thoigiannhacnopdethi] [datetime] NULL,
[Solannhacnopdethi] [int] NULL,
[Nopketqua] [int] NULL,
[Nhacnopketqua] [int] NULL,
[Thoigiannhacnopketqua] [datetime] NULL,
[Solannhacnopketqua] [int] NULL,
[Nhanbaithi] [int] NULL,
[Nhacnhanbaithi] [int] NULL,
[Thoigiannhacnhanbaithi] [datetime] NULL,
[Solannhacnhanbaithi] [int] NULL,
CONSTRAINT [PK__Phongthi2__2937F6EB] PRIMARY KEY CLUSTERED
(
    [MaPT2] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY =
OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO

ALTER TABLE [dbo].[Phongthi2] ADD CONSTRAINT
[DF__Phongthi2__LockN__35BDC961] DEFAULT (0) FOR [LockND]
GO

ALTER TABLE [dbo].[Phongthi2] ADD CONSTRAINT
[DF__Phongthi2__Daxac__36B1ED9A] DEFAULT (0) FOR [Daxacnhan]
GO

```

```
ALTER TABLE [dbo].[Phongthi2] ADD CONSTRAINT  
[DF__Phongthi2__Dacon__37A611D3] DEFAULT (0) FOR [Dacongbo]  
GO
```

```
ALTER TABLE [dbo].[Phongthi2] ADD CONSTRAINT  
[DF__Phongthi2__Nopde__6FEA6AF6] DEFAULT (0) FOR [Nopdethi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi2] ADD CONSTRAINT  
[DF__Phongthi2__Nhacn__71D2B368] DEFAULT (0) FOR [Nhacnopdethi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi2] ADD CONSTRAINT  
[DF__Phongthi2__Solan__1AD4C8FB] DEFAULT (0) FOR [Solannhacnopdethi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi2] ADD CONSTRAINT  
[DF__Phongthi2__Nopke__70DE8F2F] DEFAULT (0) FOR [Nopketqua]  
GO
```

```
ALTER TABLE [dbo].[Phongthi2] ADD CONSTRAINT  
[DF__Phongthi2__Nhacn__72C6D7A1] DEFAULT (0) FOR [Nhacnopketqua]  
GO
```

```
ALTER TABLE [dbo].[Phongthi2] ADD CONSTRAINT  
[DF__Phongthi2__Solan__1BC8ED34] DEFAULT (0) FOR [Solannhacnopketqua]  
GO
```

```
ALTER TABLE [dbo].[Phongthi2] ADD CONSTRAINT  
[DF__Phongthi2__Nhanb__17F85C50] DEFAULT (0) FOR [Nhanbaithi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi2] ADD CONSTRAINT  
[DF__Phongthi2__Nhacn__18EC8089] DEFAULT (0) FOR [Nhacnhanbaithi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi2] ADD CONSTRAINT  
[DF__Phongthi2__Solan__19E0A4C2] DEFAULT (0) FOR [Solannhacnhanbaithi]  
GO
```

```
ALTER TABLE [dbo].[Phongthi2] WITH NOCHECK ADD CONSTRAINT  
[FK_Phongthi2_Phonghoc] FOREIGN KEY([MaPH])  
REFERENCES \[dbo\].\[Phonghoc\] \(\[MaPH\]\)  
GO
```

```
ALTER TABLE [dbo].[Phongthi2] CHECK CONSTRAINT [FK_Phongthi2_Phonghoc]  
GO
```

#4/* [Giaovien] Script Date: 05/07/2025 7:28:08 AM *****/

SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

```
CREATE TABLE [dbo].[Giaovien](
    [MaGV] [nvarchar](10) NOT NULL,
    [Maso] [nvarchar](50) NULL,
    [Matkhau] [nvarchar](50) NULL,
    [TT] [int] NULL,
    [Holot] [nvarchar](100) NULL,
    [Ten] [nvarchar](50) NULL,
    [Hoten] [nvarchar](200) NULL,
    [Viettat] [nvarchar](50) NULL,
    [Ngaysinh] [datetime] NULL,
    [Noisinh] [nvarchar](200) NULL,
    [Gioitinh] [bit] NULL,
    [Nguyenquan] [nvarchar](200) NULL,
    [Hokhau] [nvarchar](200) NULL,
    [Diachi] [nvarchar](200) NULL,
    [Dienthoai] [nvarchar](100) NULL,
    [Email] [nvarchar](100) NULL,
    [Chuyennganh] [nvarchar](100) NULL,
    [MaDT] [nvarchar](10) NULL,
    [MaTG] [nvarchar](10) NULL,
    [MaHH] [nvarchar](10) NULL,
    [MaHV] [nvarchar](10) NULL,
    [MaDV] [nvarchar](10) NULL,
    [MaCV] [nvarchar](10) NULL,
    [MaDCS] [nvarchar](10) NULL,
    [MaTPGD] [nvarchar](10) NULL,
    [Pass] [nvarchar](50) NULL,
    [DoanTN] [nvarchar](12) NULL,
    [DangCS] [nvarchar](12) NULL,
    [DangCSCT] [nvarchar](50) NULL,
    [SoCMND] [nvarchar](50) NULL,
    [NgaycapCMND] [datetime] NULL,
    [NoicapCMND] [nvarchar](100) NULL,
    [Sotaikhoan] [nvarchar](200) NULL,
    [Khenthuong] [nvarchar](50) NULL,
    [Hinh_anh] [image] NULL,
    [Ghichu] [nvarchar](200) NULL,
```



```

[ChangePass] [int] NULL,
[Coquancongtac] [nvarchar](200) NULL,
[Dangnhap] [int] NULL,
[Thongbao] [int] NULL,
[Nhapdiem] [int] NULL,
[GhichuTKGV] [nvarchar](200) NULL,
[MaQT] [nvarchar](10) NULL,
[isAdmin] [int] NULL,
[isXepTKB] [int] NULL,
[isKhaothi] [int] NULL,
[isHssv] [int] NULL,
[isTuyensinh] [int] NULL,
[isKetoan] [int] NULL,
[isVC] [int] NULL,
[MaUser] [nvarchar](10) NULL,
CONSTRAINT [PK_Giaovien] PRIMARY KEY CLUSTERED
(
    [MaGV] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY =
OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO

ALTER TABLE [dbo].[Giaovien] ADD CONSTRAINT [DF_Giaovien_TT] DEFAULT (0) FOR
[TT]
GO

ALTER TABLE [dbo].[Giaovien] ADD CONSTRAINT [DF_Giaovien_ChangePass]
DEFAULT (1) FOR [ChangePass]
GO

ALTER TABLE [dbo].[Giaovien] ADD DEFAULT (1) FOR [Dangnhap]
GO

ALTER TABLE [dbo].[Giaovien] WITH NOCHECK ADD CONSTRAINT
[FK_Giaovien_Chinhsach] FOREIGN KEY([MaDCS])
REFERENCES [dbo].[Chinhsach] ([MaDCS])
ON UPDATE CASCADE
GO

ALTER TABLE [dbo].[Giaovien] CHECK CONSTRAINT [FK_Giaovien_Chinhsach]
GO

ALTER TABLE [dbo].[Giaovien] WITH NOCHECK ADD CONSTRAINT
[FK_Giaovien_Chucvu] FOREIGN KEY([MaCV])
REFERENCES [dbo].[Chucvu] ([MaCV])
ON UPDATE CASCADE

```

GO

```
ALTER TABLE [dbo].[Giaovien] CHECK CONSTRAINT [FK_Giaovien_Chucvu]
GO
```

```
ALTER TABLE [dbo].[Giaovien] WITH NOCHECK ADD CONSTRAINT
[FK_Giaovien_Dantoc] FOREIGN KEY([MaDT])
REFERENCES [dbo].[Dantoc] ([MaDT])
ON UPDATE CASCADE
GO
```

```
ALTER TABLE [dbo].[Giaovien] CHECK CONSTRAINT [FK_Giaovien_Dantoc]
GO
```

```
ALTER TABLE [dbo].[Giaovien] WITH NOCHECK ADD CONSTRAINT
[FK_Giaovien_Donvi] FOREIGN KEY([MaDV])
REFERENCES [dbo].[Donvi] ([MaDV])
ON UPDATE CASCADE
GO
```

```
ALTER TABLE [dbo].[Giaovien] CHECK CONSTRAINT [FK_Giaovien_Donvi]
GO
```

```
ALTER TABLE [dbo].[Giaovien] WITH NOCHECK ADD CONSTRAINT
[FK_Giaovien_Hocham] FOREIGN KEY([MaHH])
REFERENCES [dbo].[Hocham] ([MaHH])
ON UPDATE CASCADE
GO
```

```
ALTER TABLE [dbo].[Giaovien] CHECK CONSTRAINT [FK_Giaovien_Hocham]
GO
```

```
ALTER TABLE [dbo].[Giaovien] WITH NOCHECK ADD CONSTRAINT
[FK_Giaovien_Hocvi] FOREIGN KEY([MaHV])
REFERENCES [dbo].[Hocvi] ([MaHV])
ON UPDATE CASCADE
GO
```

```
ALTER TABLE [dbo].[Giaovien] CHECK CONSTRAINT [FK_Giaovien_Hocvi]
GO
```

```
ALTER TABLE [dbo].[Giaovien] WITH CHECK ADD CONSTRAINT
[FK_GiaoVien_Quoctich] FOREIGN KEY([MaQT])
REFERENCES [dbo].[Quoctich] ([MaQT])
ON UPDATE CASCADE
GO
```

```
ALTER TABLE [dbo].[Giaovien] CHECK CONSTRAINT [FK_GiaoVien_Quoctich]
```

GO

```
ALTER TABLE [dbo].[Giaovien] WITH NOCHECK ADD CONSTRAINT  
[FK_Giaovien_TonGiao] FOREIGN KEY([MaTG])  
REFERENCES [dbo].[Tongiao] ([MaTG])  
ON UPDATE CASCADE  
GO
```

```
ALTER TABLE [dbo].[Giaovien] CHECK CONSTRAINT [FK_Giaovien_TonGiao]  
GO
```

```
ALTER TABLE [dbo].[Giaovien] WITH NOCHECK ADD CONSTRAINT  
[FK_Giaovien_TPGD] FOREIGN KEY([MaTPGD])  
REFERENCES [dbo].[TPGD] ([MaTPGD])  
ON UPDATE CASCADE  
GO
```

```
ALTER TABLE [dbo].[Giaovien] CHECK CONSTRAINT [FK_Giaovien_TPGD]  
GO
```

—

#5/* [Phonghoc] Script Date: 27/06/2025 10:15:39 AM ***/**

```
SET ANSI_NULLS ON  
GO
```

```
SET QUOTED_IDENTIFIER ON  
GO
```

```
CREATE TABLE [dbo].[Phonghoc](  
    [MaPH] [nvarchar](10) NOT NULL,  
    [Tenphong] [nvarchar](50) NOT NULL,  
    [Socho] [int] NULL,  
    [Ghichu] [nvarchar](100) NULL,  
    [MaLP] [nvarchar](10) NULL,  
    [MaNP] [nvarchar](10) NULL,  
    CONSTRAINT [PK_Phonghoc] PRIMARY KEY CLUSTERED  
(  
        [MaPH] ASC
```

```
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
```

```
ALTER TABLE [dbo].[Phonghoc] WITH CHECK ADD CONSTRAINT
[FK_Phonghoc_Loaiphong] FOREIGN KEY([MaLP])
REFERENCES [dbo].[Loaiphong] ([MaLP])
ON UPDATE CASCADE
GO
```

```
ALTER TABLE [dbo].[Phonghoc] CHECK CONSTRAINT [FK_Phonghoc_Loaiphong]
GO
```

```
ALTER TABLE [dbo].[Phonghoc] WITH CHECK ADD CONSTRAINT
[FK_Phonghoc_Nhomphong] FOREIGN KEY([MaNP])
REFERENCES [dbo].[Nhomphong] ([MaNP])
ON UPDATE CASCADE
GO
```

```
ALTER TABLE [dbo].[Phonghoc] CHECK CONSTRAINT [FK_Phonghoc_Nhomphong]
GO
```

—

#6/* [Donvi] Script Date: 27/06/2025 10:16:17 AM ***/**

```
SET ANSI_NULLS ON
GO
```

```
SET QUOTED_IDENTIFIER ON
GO
```

```
CREATE TABLE [dbo].[Donvi](
    [MaDV] [nvarchar](10) NOT NULL,
    [Donvi] [nvarchar](50) NULL,
    [Diachi] [nvarchar](200) NULL,
    [Dienthoai] [nvarchar](100) NULL,
    [MaDVcha] [nvarchar](50) NULL,
    [MaDVgoc] [nvarchar](50) NULL,
    [Daotao] [bit] NULL,
    CONSTRAINT [PK_Donvi] PRIMARY KEY CLUSTERED
(
    [MaDV] ASC

```

```
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
```

```
ALTER TABLE [dbo].[Donvi] ADD CONSTRAINT [DF_Donvi_Daotao] DEFAULT (1) FOR [Daotao]
GO
```

—

#7/* [Hocphan] Script Date: 27/06/2025 10:16:44 AM *****/

```
SET ANSI_NULLS ON
GO
```

```
SET QUOTED_IDENTIFIER ON
GO
```

```
CREATE TABLE [dbo].[Hocphan](
    [MaHP] [nvarchar](10) NOT NULL,
    [Hocphan] [nvarchar](200) NOT NULL,
    [Viettat] [nvarchar](100) NOT NULL,
    [MaLoaiHP] [nvarchar](10) NULL,
    [Maso] [nvarchar](20) NULL,
    [HocphanEN] [nvarchar](200) NULL,
    [ViettatEN] [nvarchar](100) NULL,
    [HocphanVN] [nvarchar](200) NULL,
    [ViettatVN] [nvarchar](100) NULL,
    [MaGVs] [nvarchar](500) NULL,
    [MaDV] [nvarchar](10) NULL,
    CONSTRAINT [PK_MonHoc] PRIMARY KEY CLUSTERED
(
    [MaHP] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
```

```
ALTER TABLE [dbo].[Hocphan] WITH NOCHECK ADD CONSTRAINT
[FK_Hocphan_LoaiHocphan] FOREIGN KEY([MaLoaiHP])
REFERENCES [dbo].[LoaiHocphan] ([MaLoaiHP])
ON UPDATE CASCADE
GO
```

```
ALTER TABLE [dbo].[Hocphan] CHECK CONSTRAINT [FK_Hocphan_LoaiHocphan]
GO
```

—

#8/* [Hocky] Script Date: 27/06/2025 10:17:22 AM *****/

```
SET ANSI_NULLS ON
GO
```

```
SET QUOTED_IDENTIFIER ON
GO
```

```
CREATE TABLE [dbo].[Hocky](
    [MaHK] [nvarchar](10) NOT NULL,
    [Hocky] [nvarchar](50) NULL,
    [Ngaybatdau] [datetime] NULL,
    [Sotuan] [int] NULL,
    [Ngayketthuc] [datetime] NULL,
    [DkKehoach_tu] [datetime] NULL,
    [DkKehoach_den] [datetime] NULL,
    [DkHoclai_tu] [datetime] NULL,
    [DkHoclai_den] [datetime] NULL,
    [DkHoccaithien_tu] [datetime] NULL,
    [DkHoccaithien_den] [datetime] NULL,
    [DkTudo_tu] [datetime] NULL,
    [DkTudo_den] [datetime] NULL,
    [Dangkyhoc] [int] NULL,
    [NgaybatdauT] [datetime] NULL,
    [SotuanT] [int] NULL,
    [NgayketthucT] [datetime] NULL,
    [DkKehoach_tuT] [datetime] NULL,
    [DkKehoach_denT] [datetime] NULL,
    [DkHoclai_tuT] [datetime] NULL,
    [DkHoclai_denT] [datetime] NULL,
    [DkHoccaithien_tuT] [datetime] NULL,
    [DkHoccaithien_denT] [datetime] NULL,
    [DkTudo_tuT] [datetime] NULL,
    [DkTudo_denT] [datetime] NULL,
    [DangkyhocT] [int] NULL,
    [NgaybatdauB] [datetime] NULL,
    [SotuanB] [int] NULL,
    [NgayketthucB] [datetime] NULL,
    [DkKehoach_tuB] [datetime] NULL,
    [DkKehoach_denB] [datetime] NULL,
    [DkHoclai_tuB] [datetime] NULL,
    [DkHoclai_denB] [datetime] NULL,
```

```

[DkHoccaithien_tuB] [datetime] NULL,
[DkHoccaithien_denB] [datetime] NULL,
[DkTudo_tuB] [datetime] NULL,
[DkTudo_denB] [datetime] NULL,
[DangkyhocB] [int] NULL,
[NgaybatdauM] [datetime] NULL,
[SotuanM] [int] NULL,
[NgayketthucM] [datetime] NULL,
[DkKehoach_tuM] [datetime] NULL,
[DkKehoach_denM] [datetime] NULL,
[DkHoclai_tuM] [datetime] NULL,
[DkHoclai_denM] [datetime] NULL,
[DkHoccaithien_tuM] [datetime] NULL,
[DkHoccaithien_denM] [datetime] NULL,
[DkTudo_tuM] [datetime] NULL,
[DkTudo_denM] [datetime] NULL,
[DangkyhocM] [int] NULL,
[NgaybatdauP] [datetime] NULL,
[SotuanP] [int] NULL,
[NgayketthucP] [datetime] NULL,
[DkKehoach_tuP] [datetime] NULL,
[DkKehoach_denP] [datetime] NULL,
[DkHoclai_tuP] [datetime] NULL,
[DkHoclai_denP] [datetime] NULL,
[DkHoccaithien_tuP] [datetime] NULL,
[DkHoccaithien_denP] [datetime] NULL,
[DkTudo_tuP] [datetime] NULL,
[DkTudo_denP] [datetime] NULL,
[DangkyhocP] [int] NULL,
[NgaybatdauD] [datetime] NULL,
[SotuanD] [int] NULL,
[NgayketthucD] [datetime] NULL,
[DkKehoach_tuD] [datetime] NULL,
[DkKehoach_denD] [datetime] NULL,
[DkHoclai_tuD] [datetime] NULL,
[DkHoclai_denD] [datetime] NULL,
[DkHoccaithien_tuD] [datetime] NULL,
[DkHoccaithien_denD] [datetime] NULL,
[DkTudo_tuD] [datetime] NULL,
[DkTudo_denD] [datetime] NULL,
[DangkyhocD] [int] NULL,
CONSTRAINT [PK_Hocky] PRIMARY KEY CLUSTERED
(
    [MaHK] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY =
OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]

```

GO

```
ALTER TABLE [dbo].[Hocky] ADD CONSTRAINT [DF_Hocky_Dangdangky] DEFAULT (0)
FOR [Dangkyhoc]
GO
```

—

#9/* [Lop] Script Date: 27/06/2025 10:17:57 AM *****/

```
SET ANSI_NULLS ON
GO
```

```
SET QUOTED_IDENTIFIER ON
GO
```

```
CREATE TABLE [dbo].[Lop](
    [MaL] [nvarchar](10) NOT NULL,
    [Tenlop] [nvarchar](50) NULL,
    [GVCN] [nvarchar](50) NULL,
    [TT] [tinyint] NULL,
    [Lock] [bit] NULL,
    [MaNG] [nvarchar](10) NULL,
    [Ma_L] [nvarchar](50) NULL,
    [MaGV] [nvarchar](10) NULL,
    [Soluong] [int] NULL,
    [Tuyensinh] [bit] NULL,
    [DangkyCN] [int] NULL,
    [DieukienTNs] [nvarchar](100) NULL,
    [Khoahoc] [nvarchar](50) NULL,
    [Hidden] [bit] NULL,
    CONSTRAINT [PK_Lop] PRIMARY KEY CLUSTERED
(
    [MaL] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY =
OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
```

```
ALTER TABLE [dbo].[Lop] ADD CONSTRAINT [DF_Lop_Soluong] DEFAULT (0) FOR
[Soluong]
GO
```

```
ALTER TABLE [dbo].[Lop] ADD CONSTRAINT [DF_Lop_Tuyensinh] DEFAULT (0) FOR
[Tuyensinh]
GO
```



```
ALTER TABLE [dbo].[Lop] ADD DEFAULT (0) FOR [DangkyCN]
GO
```

```
ALTER TABLE [dbo].[Lop] ADD DEFAULT ((0)) FOR [Hidden]
GO
```

```
ALTER TABLE [dbo].[Lop] WITH NOCHECK ADD CONSTRAINT [FK_Lop_NganhHoc]
FOREIGN KEY([MaNG])
REFERENCES [dbo].[Nganhhoc] ([MaNG])
ON UPDATE CASCADE
GO
```

```
ALTER TABLE [dbo].[Lop] CHECK CONSTRAINT [FK_Lop_NganhHoc]
GO
```

—

#10/* [TKB] Script Date: 27/06/2025 10:19:43 AM *****/

```
SET ANSI_NULLS ON
GO
```

```
SET QUOTED_IDENTIFIER ON
GO
```

```
CREATE TABLE [dbo].[TKB](
    [MaLHP] [nvarchar](12) NOT NULL,
    [Ngay] [datetime] NOT NULL,
    [Tiet] [int] NOT NULL,
    [MaPH] [nvarchar](10) NULL,
    [Sotiet] [int] NULL,
    [Buoil] [int] NULL,
    [Ghichu] [nvarchar](100) NULL,
    [Hieuluc] [bit] NULL,
    [MaGV] [nvarchar](10) NULL,
    CONSTRAINT [PK_TKB] PRIMARY KEY CLUSTERED
(
    [MaLHP] ASC,
    [Ngay] ASC,
    [Tiet] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY =
OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
```

```
ALTER TABLE [dbo].[TKB] ADD DEFAULT (1) FOR [Hieuluc]
GO
```

```
ALTER TABLE [dbo].[TKB] WITH NOCHECK ADD CONSTRAINT [FK_TKB_LopHP]
FOREIGN KEY([MaLHP])
REFERENCES [dbo].[LopHP] ([MaLHP])
ON UPDATE CASCADE
GO
```

```
ALTER TABLE [dbo].[TKB] CHECK CONSTRAINT [FK_TKB_LopHP]
GO
```

```
ALTER TABLE [dbo].[TKB] WITH NOCHECK ADD CONSTRAINT [FK_TKB_Phonghoc]
FOREIGN KEY([MaPH])
REFERENCES [dbo].[Phonghoc] ([MaPH])
ON UPDATE CASCADE
GO
```

```
ALTER TABLE [dbo].[TKB] CHECK CONSTRAINT [FK_TKB_Phonghoc]
GO
```

—

#11/* [Chucvu] Script Date: 27/06/2025 10:22:01 AM ***/**

```
SET ANSI_NULLS ON
GO
```

```
SET QUOTED_IDENTIFIER ON
GO
```

```
CREATE TABLE [dbo].[Chucvu](
    [MaCV] [nvarchar](10) NOT NULL,
    [Chucvu] [nvarchar](100) NOT NULL,
    [TT] [int] NULL,
    [Macdinh] [bit] NULL,
    CONSTRAINT [PK_Chucvu] PRIMARY KEY CLUSTERED
(
    [MaCV] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY =
OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
```

```
ALTER TABLE [dbo].[Chucvu] ADD CONSTRAINT [DF_Chucvu_TT] DEFAULT (0) FOR  
[TT]  
GO
```

```
ALTER TABLE [dbo].[Chucvu] ADD CONSTRAINT [DF_Chucvu_Macdinhh] DEFAULT (0)  
FOR [Macdinhh]  
GO
```

#12./* [db_LogWebapp] Script Date: 17/07/2025 3:08:57 PM

***** **Phát sinh mới/**

```
SET ANSI_NULLS ON  
GO
```

```
SET QUOTED_IDENTIFIER ON  
GO
```

```
CREATE TABLE [dbo].[db_LogWebapp](  
    [ID] [int] IDENTITY(1,1) NOT NULL,  
    [Thoigian] [datetime] NULL,  
    [MaUser] [nvarchar](10) NULL,  
    [Cuaso] [nvarchar](100) NULL,  
    [Congviec] [nvarchar](200) NULL,  
    [Ghichu] [nvarchar](2000) NULL,  
    CONSTRAINT [PK_db_LogWebapp] PRIMARY KEY CLUSTERED  
(  
    [ID] ASC  
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY =  
OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,  
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]  
) ON [PRIMARY]
```