USE [FlyWithMe]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Admin] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Admin](

[Admin\_Id] [int] IDENTITY(1,1) NOT NULL,

[Admin\_Username] [varchar](50) NOT NULL,

[Admin\_Password] [varchar](255) NOT NULL,

PRIMARY KEY CLUSTERED

(

[Admin\_Id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Airport] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Airport](

[Airport\_id] [int] IDENTITY(1,1) NOT NULL,

[Airport\_Name] [nvarchar](50) NOT NULL,

[Airport\_Place] [nvarchar](30) NOT NULL,

PRIMARY KEY CLUSTERED

(

[Airport\_id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Arrival] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Arrival](

[Arrival\_id] [int] IDENTITY(1,1) NOT NULL,

[Airport\_id] [int] NULL,

[Flight\_id] [int] NULL,

[ArrDate] [date] NULL,

[ArrTime] [time](7) NULL,

PRIMARY KEY CLUSTERED

(

[Arrival\_id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Departure] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Departure](

[Departure\_id] [int] IDENTITY(1,1) NOT NULL,

[Airport\_id] [int] NULL,

[Flight\_id] [int] NULL,

[DepDate] [date] NULL,

[DepTime] [time](7) NULL,

PRIMARY KEY CLUSTERED

(

[Departure\_id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Flight] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Flight](

[Flight\_id] [int] IDENTITY(1,1) NOT NULL,

[Flight\_Name] [varchar](20) NULL,

PRIMARY KEY CLUSTERED

(

[Flight\_id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET IDENTITY\_INSERT [dbo].[Admin] ON

GO

INSERT [dbo].[Admin] ([Admin\_Id], [Admin\_Username], [Admin\_Password]) VALUES (1, N'Timothy', N'tom@123')

GO

SET IDENTITY\_INSERT [dbo].[Admin] OFF

GO

SET IDENTITY\_INSERT [dbo].[Flight] ON

GO

INSERT [dbo].[Flight] ([Flight\_id], [Flight\_Name]) VALUES (1, N'Indigo')

GO

SET IDENTITY\_INSERT [dbo].[Flight] OFF

GO

SET ANSI\_PADDING ON

GO

/\*\*\*\*\*\* Object: Index [UQ\_\_Admin\_\_FD380EB976956E8F] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Admin] ADD UNIQUE NONCLUSTERED

(

[Admin\_Username] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, SORT\_IN\_TEMPDB = OFF, IGNORE\_DUP\_KEY = OFF, ONLINE = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

GO

ALTER TABLE [dbo].[Arrival] WITH CHECK ADD FOREIGN KEY([Airport\_id])

REFERENCES [dbo].[Airport] ([Airport\_id])

GO

ALTER TABLE [dbo].[Arrival] WITH CHECK ADD FOREIGN KEY([Flight\_id])

REFERENCES [dbo].[Flight] ([Flight\_id])

GO

ALTER TABLE [dbo].[Departure] WITH CHECK ADD FOREIGN KEY([Airport\_id])

REFERENCES [dbo].[Airport] ([Airport\_id])

GO

ALTER TABLE [dbo].[Departure] WITH CHECK ADD FOREIGN KEY([Flight\_id])

REFERENCES [dbo].[Flight] ([Flight\_id])

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_AddArrival] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_AddArrival]

@AirportId INT,

@FlightId INT,

@ArrDate DATE,

@ArrTime TIME

AS

BEGIN

INSERT INTO Arrival (Airport\_id, Flight\_id, ArrDate, ArrTime)

VALUES (@AirportId, @FlightId, @ArrDate, @ArrTime);

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_AddDeparture] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_AddDeparture]

@AirportId INT,

@FlightId INT,

@DepDate DATE,

@DepTime TIME

AS

BEGIN

INSERT INTO Departure (Airport\_id, Flight\_id, DepDate, DepTime)

VALUES (@AirportId, @FlightId, @DepDate, @DepTime);

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_AddFlight] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_AddFlight]

@FlightName VARCHAR(20)

AS

BEGIN

INSERT INTO Flight (Flight\_Name)

VALUES (@FlightName);

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_DeleteArrival] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_DeleteArrival]

@ArrivalId INT

AS

BEGIN

DELETE FROM Arrival WHERE Arrival\_id = @ArrivalId;

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_DeleteDeparture] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_DeleteDeparture]

@DepartureId INT

AS

BEGIN

DELETE FROM Departure WHERE Departure\_id = @DepartureId;

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_DeleteFlight] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_DeleteFlight]

@FlightId INT

AS

BEGIN

DELETE FROM Flight WHERE Flight\_id = @FlightId;

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_GetAllArrivals] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_GetAllArrivals]

AS

BEGIN

SELECT a.Arrival\_id, ar.Airport\_Name, f.Flight\_Name, a.ArrDate, a.ArrTime

FROM Arrival a

JOIN Airport ar ON a.Airport\_id = ar.Airport\_id

JOIN Flight f ON a.Flight\_id = f.Flight\_id;

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_GetAllDepartures] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_GetAllDepartures]

AS

BEGIN

SELECT d.Departure\_id, a.Airport\_Name, f.Flight\_Name, d.DepDate, d.DepTime

FROM Departure d

JOIN Airport a ON d.Airport\_id = a.Airport\_id

JOIN Flight f ON d.Flight\_id = f.Flight\_id;

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_GetAllFlights] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_GetAllFlights]

AS

BEGIN

SELECT Flight\_id, Flight\_Name FROM Flight;

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_GetArrivalById] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_GetArrivalById]

@ArrivalId INT

AS

BEGIN

SELECT a.Arrival\_id, ar.Airport\_Name, f.Flight\_Name, a.ArrDate, a.ArrTime

FROM Arrival a

JOIN Airport ar ON a.Airport\_id = ar.Airport\_id

JOIN Flight f ON a.Flight\_id = f.Flight\_id

WHERE a.Arrival\_id = @ArrivalId;

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_GetDepartureById] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_GetDepartureById]

@DepartureId INT

AS

BEGIN

SELECT d.Departure\_id, a.Airport\_Name, f.Flight\_Name, d.DepDate, d.DepTime

FROM Departure d

JOIN Airport a ON d.Airport\_id = a.Airport\_id

JOIN Flight f ON d.Flight\_id = f.Flight\_id

WHERE d.Departure\_id = @DepartureId;

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_GetFlightById] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_GetFlightById]

@FlightId INT

AS

BEGIN

SET NOCOUNT ON;

SELECT Flight\_id, Flight\_Name FROM Flight

WHERE Flight\_id = @FlightId;

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_UpdateArrival] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_UpdateArrival]

@ArrivalId INT,

@AirportId INT,

@FlightId INT,

@ArrDate DATE,

@ArrTime TIME

AS

BEGIN

UPDATE Arrival

SET Airport\_id = @AirportId, Flight\_id = @FlightId, ArrDate = @ArrDate, ArrTime = @ArrTime

WHERE Arrival\_id = @ArrivalId;

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_UpdateDeparture] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_UpdateDeparture]

@DepartureId INT,

@AirportId INT,

@FlightId INT,

@DepDate DATE,

@DepTime TIME

AS

BEGIN

UPDATE Departure

SET Airport\_id = @AirportId, Flight\_id = @FlightId, DepDate = @DepDate, DepTime = @DepTime

WHERE Departure\_id = @DepartureId;

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_UpdateFlight] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_UpdateFlight]

@FlightId INT,

@FlightName VARCHAR(20)

AS

BEGIN

UPDATE Flight

SET Flight\_Name = @FlightName

WHERE Flight\_id = @FlightId;

END;

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_ValidateAdmin] Script Date: 21-02-2025 17:30:51 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[sp\_ValidateAdmin]

@Username VARCHAR(50),

@Password VARCHAR(255)

AS

BEGIN

SET NOCOUNT ON;

SELECT COUNT(\*) AS IsValid

FROM Admin

WHERE Admin\_Username = @Username AND Admin\_Password = @Password;

END;

GO