CREATE TABLE [Cars](

[Id] [int] IDENTITY(1,1) NOT NULL,

[Name] [nvarchar](50) NOT NULL,

[LPerHundredKm] float not null,

[CarImage] [varbinary](max) NOT NULL,

CONSTRAINT PK\_Cars PRIMARY KEY (Id),

);

CREATE TABLE [User](

[Id] [int] IDENTITY(1,1) NOT NULL,

[Email] [nvarchar](100) NOT NULL,

[Password] [nvarchar](max) NOT NULL,

[Token] [nvarchar](max) NOT NULL,

[FirebaseToken] [nvarchar](max) NULL,

[Role] [nvarchar](20) NOT NULL,

[IsCurier] [bit] NOT NULL,

[CarId] [int] NULL,

CONSTRAINT PK\_User PRIMARY KEY (Id),

CONSTRAINT FK\_Courier\_Car FOREIGN KEY (CarId) REFERENCES [Cars](Id)

);

CREATE TABLE [UserDetails](

[Id] [int] IDENTITY(1,1) NOT NULL,

[UserId] [int] NOT NULL,

[Name] [nvarchar](50) NOT NULL,

[Address] [nvarchar](255) NULL,

[PhoneNr] [nvarchar](30) NOT NULL,

CONSTRAINT PK\_UserDetails PRIMARY KEY (Id),

CONSTRAINT FK\_UserDetails\_User FOREIGN KEY (UserId) REFERENCES [User](Id)

);

CREATE TABLE [ClientPackage](

[Id] [int] IDENTITY(1,1) NOT NULL,

[ClientId] [int] NOT NULL,

[Name] [nvarchar](255) NOT NULL,

CONSTRAINT PK\_ClientPackage PRIMARY KEY (Id),

CONSTRAINT FK\_ClientPackage\_User FOREIGN KEY (ClientId) REFERENCES [User](Id)

);

CREATE TABLE [UserRelationship](

[Id] [int] IDENTITY(1,1) NOT NULL,

[ClientId] [int] NOT NULL,

[CourierId] [int] NOT NULL,

[ClientPackageId] [int] NOT NULL,

[Valid] [bit] NOT NULL,

CONSTRAINT PK\_UserRelationship PRIMARY KEY (Id),

CONSTRAINT FK\_ClientUserRel\_User FOREIGN KEY (ClientId) REFERENCES [User](Id),

CONSTRAINT FK\_CourierUserRel\_User FOREIGN KEY (CourierId) REFERENCES [User](Id),

CONSTRAINT FK\_CourierUserRel\_ClientPackage FOREIGN KEY (ClientPackageId) REFERENCES [ClientPackage](Id)

);

CREATE TABLE [ChatMessages](

[Id] [bigint] IDENTITY(1,1) NOT NULL,

[SenderId] [int] NOT NULL,

[ReceiverId] [int] NOT NULL,

[ChatMessage] [varchar](255) NOT NULL,

[ChatTime] [datetime] NOT NULL,

CONSTRAINT PK\_ChatMessages PRIMARY KEY (Id),

CONSTRAINT FK\_ChatMessages\_User FOREIGN KEY (SenderId) REFERENCES [User](Id)

);

CREATE TABLE [CourierLocation](

[Id] [int] IDENTITY(1,1) NOT NULL,

[CourierId] [int] NOT NULL,

[Latitude] [float] NOT NULL,

[Longitude] [float] NOT NULL,

[Speed] [float] NOT NULL,

[LocationTime] [datetime] NOT NULL,

CONSTRAINT PK\_CourierLocation PRIMARY KEY (Id),

CONSTRAINT FK\_CourierLocation\_User FOREIGN KEY (CourierId) REFERENCES [User](Id)

);

CREATE TABLE [Contact](

[Id] [int] IDENTITY(1,1) NOT NULL,

[UserId] [int] NOT NULL,

[Message] [nvarchar](255) NOT NULL,

CONSTRAINT PK\_Contact PRIMARY KEY (Id),

CONSTRAINT FK\_Contact\_User FOREIGN KEY (UserId) REFERENCES [User](Id)

);

CREATE TABLE [ReportProblemForm](

[Id] [int] IDENTITY(1,1) NOT NULL,

[UserId] [int] NOT NULL,

[Message] [nvarchar](255) NOT NULL,

CONSTRAINT PK\_ReportProblemForm PRIMARY KEY (Id),

CONSTRAINT FK\_ReportProblemForm\_User FOREIGN KEY (UserId) REFERENCES [User](Id)

);

CREATE TABLE [DeliveredPackages](

[Id] [int] IDENTITY(1,1) NOT NULL,

[CourierId] [int] NOT NULL,

[ClientId] [int] NOT NULL,

[SubmitTime] [datetime] NOT NULL,

[Observations] [nvarchar](255) NULL,

CONSTRAINT PK\_DeliveredPackages PRIMARY KEY (Id),

CONSTRAINT FK\_ClientDeliveredPackages\_User FOREIGN KEY (ClientId) REFERENCES [User](Id),

CONSTRAINT FK\_CourieDeliveredPackages\_User FOREIGN KEY (CourierId) REFERENCES [User](Id)

);

CREATE TABLE [DocumentPhotos](

[Id] [int] IDENTITY(1,1) NOT NULL,

[Title] [nvarchar](255) NOT NULL,

[ClientId] [int] NOT NULL,

[DocImage] [varbinary](max) NOT NULL,

CONSTRAINT PK\_DocumentPhotos PRIMARY KEY (Id),

CONSTRAINT FK\_DocumentPhotos\_User FOREIGN KEY (ClientId) REFERENCES [User](Id)

);