You can view our database in the CSSE Golem server. Our database is named *ProjectDatabaseS2G4*.

# Table Creation Scripts

## Airline and Flight

|  |
| --- |
| USE ProjectDatabaseS2G4  GO  ​  DROP TABLE Airline  DROP TABLE Flight  ​  CREATE TABLE Airline (  ID CHAR(3) PRIMARY KEY,  Alliance VARCHAR(32)  )  ​  CREATE TABLE Flight (  ID INT IDENTITY(0,1) PRIMARY KEY,  LastLoadUpdate DATE,  Number VARCHAR(32),  Load INT,  DepartureDateTime SMALLDATETIME,  FromCode CHAR(3),  ToCode CHAR(3),  AirlineID CHAR(3),  FOREIGN KEY (AirlineID) REFERENCES Airline(ID)  ) |

## Submits and Updates

--Use ProjectDatabaseS2G4

--Go

Create Table SubmitsLoadRequest (

EmployeeID int,

FlightID int,

DateAndTime Date,

Token int,

Primary Key (EmployeeID, FlightID),

Foreign Key (EmployeeID) References Employee(ID),

Foreign Key (FlightID) References Flight(ID)

)

Create Table Updates (

EmployeeID int,

FlightID int,

DateAndTime Date,

[Load] int,

Token int,

Primary Key (EmployeeID, FlightID),

Foreign Key (EmployeeID) References Employee(ID),

Foreign Key (FlightID) References Flight(ID)

)

--Drop Table SubmitsLoadRequest

--Drop Table Updates

## Employee, Dependent, Destination

Use ProjectDatabaseS2G4

Go

Create Table Employee (

ID int Primary Key,

FirstName varchar(20) NOT NULL,

LastName varchar(20) NOT NULL,

Tokens int,

AirlineID char(3),

Foreign Key(AirlineID) References Airline(ID)

)

Go

Use ProjectDatabaseS2G4

Go

Create Table Dependent (

ID int Primary Key,

FirstName varchar(20) NOT NULL,

LastName varchar(20) NOT NULL,

EmployeeID int,

Foreign Key(EmployeeID) References Employee(ID)

)

Go

Use ProjectDatabaseS2G4

Go

Create Table Destination (

IATACode varchar(3) Primary Key,

)