**Implementation of Web API for creating, loading and deleting data for airports, countries, routes**

The Web API project is named **FlightPlanningAPI**. The codebase is written in C# with ASP.NET Core version 6 using JetBrains Rider IDE. The database is SQL Server Express 2022. Database access code uses Entity Framework 7.0

Testing was carried out using Swagger frontend. Similar testing may be performed using tools such as Postman or Unix curl command.

The following steps are to be taken to create the required database schema and to populate the test data.

Run the SQL scripts in the FlightPlanningAPI/FlightPlanning.Data/'SQL Scripts' folder in the following order

1. 'Database schema.sql'
2. 'Table schemas.sql'
3. Sample\_data.sql

These scripts may be run in SQL Server Management Studio.

Testing should only commence after these tables have been created and populated.