Overview

Airline improvements. Use your previous project to resolve this task.

Detailed description (copied from the previous task)

App consist of two modules: **flights** and **passengers**. Airline (whole app) consist of multiple flights where each flight contains multiple passengers. Flight contains next fields:

* Arrival or departure
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* Flight number
* City
* Terminal and gate
* Status (check-in, gate closed, arrived, departed at, unknown, canceled, expected at, delayed, in flight)

App should store next information about passenger

* Firstname and lastname (surname)
* Nationality
* Passport
* Birthday
* Sex
* Ticket (see flight ticket below)

Flight ticket

* Class (business or economy)
* Price

Functionality

* Use appropriate collections instead of arrays. Use generic types
* Move out models (class of passengers, airlines, tickets, flights etc) into a separate library (.dll)
* Write logs (into log.txt file in the same folder with .exe file) with information when app was started and ended. New run of app shouldn’t clear previous logs.
* Create unit tests project and cover your main methods with tests (3-4 tests)
* Use GitHub to store your project