

159.333: Airline Web Application

Project offered by Ian Bond

This project is an extended version of the second assignment from 159.352 (Advanced Web Development) where students are tasked with developing a Web application for a fictitious airline (see below map for routes). Here you take this further to build a more elaborate Web application. There is a lot of scope for expansion, e.g. adding more routes and allowing for more sophisticated booking options.



This is not just a “Web design” project. It is expected that you will address important computer science issues: business logic, data modeling and database solutions, design/use of RESTful APIs, containerization, etc.

Part of the project is the selection of a suitable “framework” (Django, Flask, FastAPI, Node, etc) and justifying your choice. You are free to make use of the latest cutting edge technologies in Web development.