

Granular Commit Messages

Setup and Model Definitions

Init project setup

Init: Set up C# project framework and dependencies

Define models

Feat: Define Flight and Hotel models according to JSON spec

Core Functionality

Implement JSON loading

Feat: Implement loading mechanism for flights and hotels from JSON

Search Criteria setup

Feat: Create SearchCriteria class to encapsulate search parameters

Basic Search Implementation

Feat: Implement initial search logic in HolidaySearch class

Setup Testing

Add Unit Tests

Test: Write unit tests covering key functionality of HolidaySearch

Enhancements and Sorting

Order by Total Price

Feat: Sort search results by total price

Airport Group Handling

Feat: Add IAirportGroupProvider interface for airport group logic

Support "ANY" airport criteria

Feat: Enhance search to support 'ANY' as departing from criteria

Refactoring and Additional Sorting

Refine Search Logic

Refactor: Streamline search logic for clarity and efficiency

Implement Secondary Sorting

Feat: Add secondary sorting by flight departure airport

Final Testing

Add Unit Tests

Test: Write unit tests covering key functionality of HolidaySearch

MOQ Unit Test

Test: HolidaySearch_Returns_Correct_Holidays_Based_On_Criteria

Final Adjustments

Finalize Search Criteria Handling

Refactor: Adjust SearchCriteria to flexibly handle airport groups and 'ANY'

Code Cleanup and Optimization

Refactor: Optimize search algorithm and clean up codebase