

Create a simple web application that allows users to search for package offers using the Expedia API. The user can specify an origin city and a destination city, and the application will display the relevant package offers based on the Expedia API's response.

Requirements:

Use Expedia API: You will interact with the following Expedia API to search for package deals:

API Endpoint:

<https://offersvc.expedia.com/offers/v2/getOffers?scenario=deal-finder&page=foo&uid=test&productType=Package&clientId=test>

Parameters:

OriginCity: The city from which the package will depart.

DestinationCity: The city where the package will arrive.

Filter: Based on the origin and destination cities, display the list of packages.

Web Application: You need to create a single-page web application that includes:

A search form where users can input their origin and destination cities, and a display area to show the results (i.e., the package offers).

Technology Stack:

Backend: Java (Spring Boot or any Java-based backend framework).

Frontend: Basic HTML, CSS, and JavaScript - preferably Bootstrap

Optional: deployment on free cloud providers