Godek Module 10 Final – Strapi and Postman API Creation and Queries

Procedure:

1. Type “npx create-strapi-app@latest Godek-Module10-Final –quickstart” to create a new Strapi project
2. Type “npm run develop” to begin developing the API
3. Navigate to <http://localhost:1337/admin> to administer the new sever.
4. Click “Content-Tyle Builder” -> “Create new collection type” to create “Airline”, “Airport”, and “Flight” entities.
5. Click “Add another field” button to create all the properties of the entities seen in the screen captures below.
6. Click “Save” to save the entities and restart the local server.
7. Click “Content Manager” -> “Create new entry” for each collection type (Airline, Airport, and Flight) in the navigation bar on the left.
8. Fill in all the fields in the “Create new entry” prompt and click “Save”.
9. When the entries are created for each collection type, for each type, click the checkbox in the header to select all and click “Publish”.
10. Launch Postman
11. Ensure GET is selected in the query bar, enter <http://localhost:1337/api/flights> in the text field, and click “Send”
12. Add “/1” to the query and click “Send” to retrieve the Flight entry with ID 1
13. To create a new Flight entry, copy the JSON data returned from the previous step.
14. Click the “raw” radio button just below the query box above and paste in the entry JSON data.
15. Delete the “id”, “createdAt”, “updatedAt”, “publishedAt”, and “meta” fields and any commas they required. Modify the values for “FlightNumber” and “Seats” to the values you’d like to add.
16. Change the GET request to a POST by selecting from the drop-down menu and remove “/1” from the query and click “Send”. If successful, the lower display will show the new entry.
17. If you make an error in the data you wanted to add, you can use a PUT request to send the same data to the API endpoint of entry you just added. For example using PUT <http://localhost:1337/api/flights/4> to update the number of Seat from 250 to 60.
18. Postman automatically generates code for the request entered in many different programming languages. They can be found in the </> menu on the right hand navigation pane.

AirlineA screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Airport

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

FlightA screenshot of a computer

Description automatically generated

A screenshot of a computer

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Flights in Postman

A screenshot of a computer program

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Flight 1

A screenshot of a computer

Description automatically generated

POST Request

A screenshot of a computer program

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A screenshot of a computer

Description automatically generated

PUT REQUEST

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

DELETE Request

A screenshot of a computer program

Description automatically generated

A screenshot of a computer

Description automatically generated

Python Code

A screenshot of a computer screen

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A computer screen shot of a program code

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