



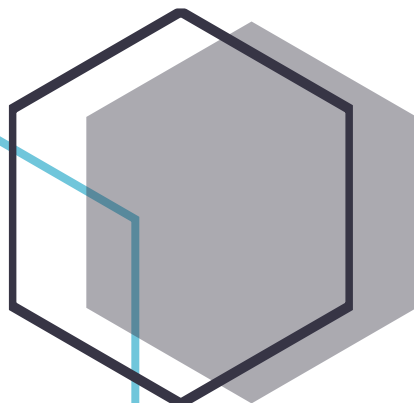
Assignment

AIE42 - Software Architecture and Interoperability

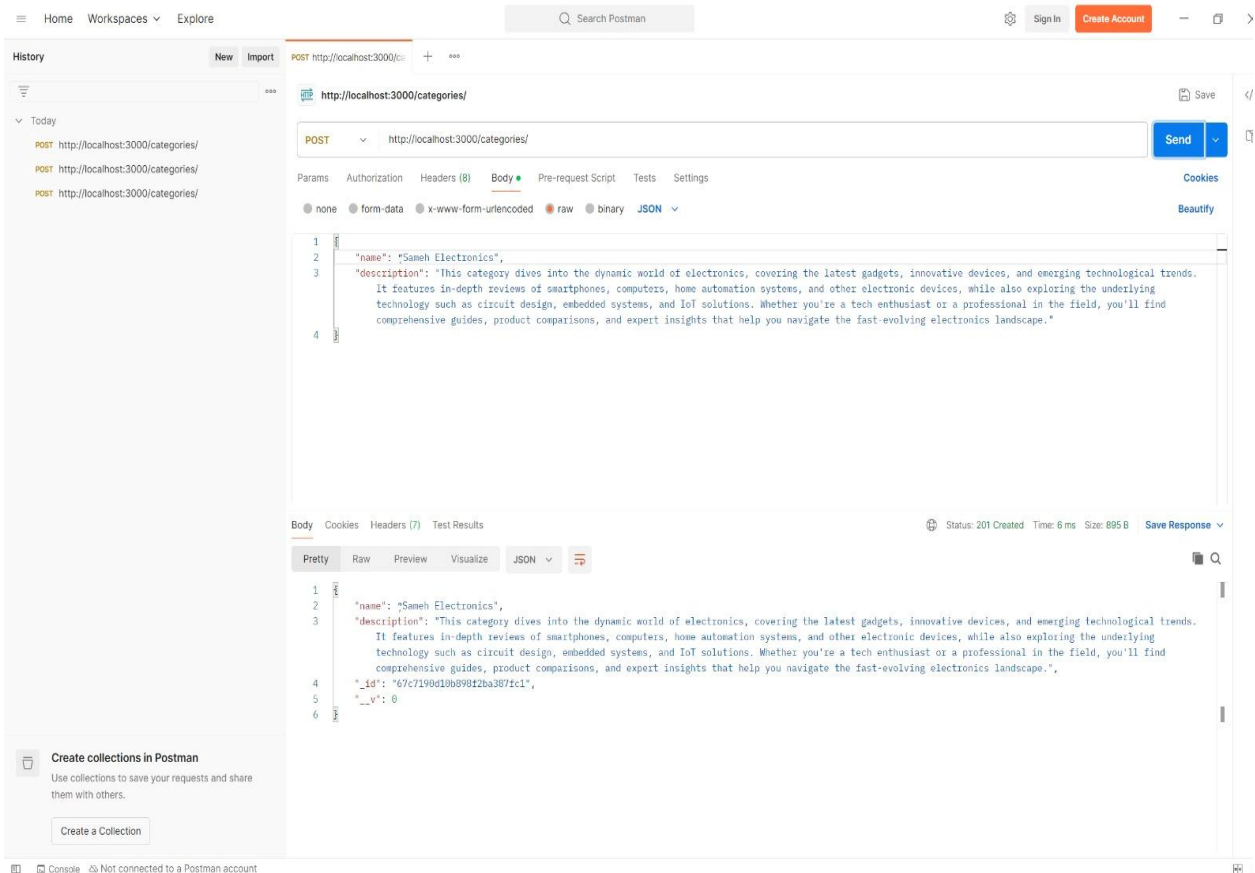
Made By: Sameh Alaa Nazeh Younes

ID: 4211016

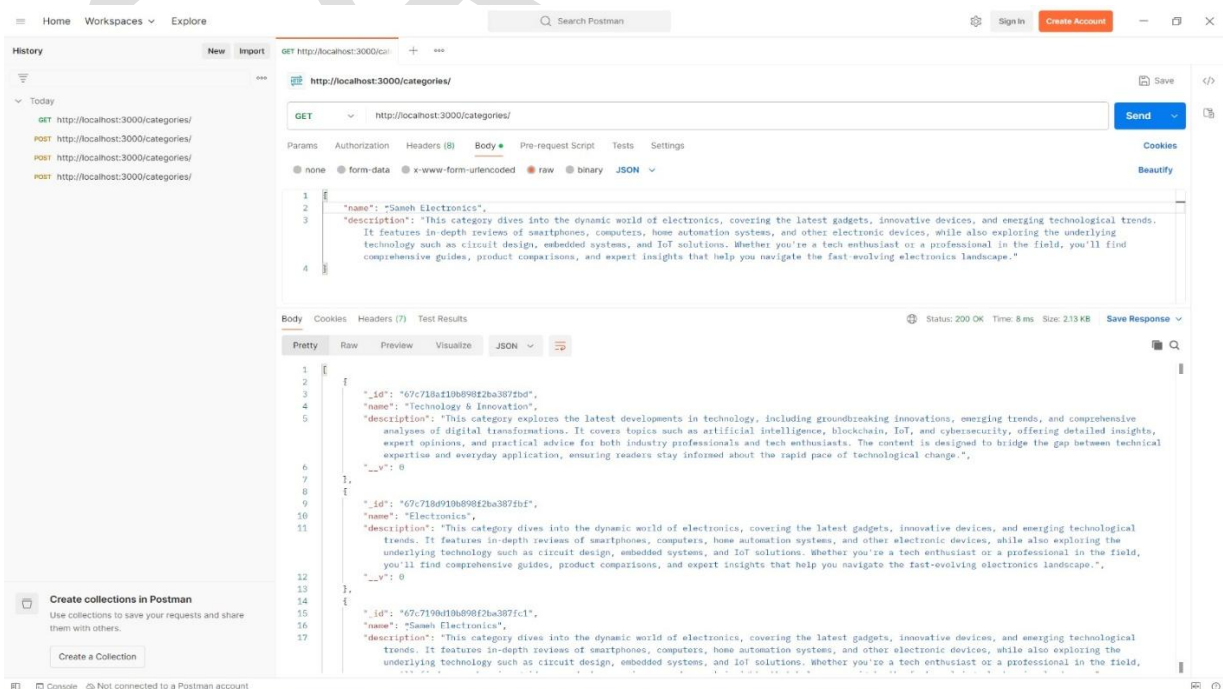
Group: Ai_B2



1. Create endpoint for Create_Category and add categories in database.



2. Create endpoint for GetAllCategories to get all categories from database.



3. Create endpoint for Update_Category to get categories from database and update them again.

The screenshot shows the Postman interface with a PUT request to `http://localhost:3000/categories/67c718d910b898f2ba387bf`. The request body is a JSON object:

```
{  "name": "Travel & Leisure",  "description": "This category is dedicated to exploring the diverse world of travel and leisure, providing detailed guides on destinations, travel itineraries, and cultural experiences. It includes comprehensive articles on planning trips, discovering hidden gems, and embracing local traditions. The content is crafted to inspire wanderlust while offering practical tips for safe and enjoyable journeys, covering everything from popular tourist spots to off-the-beaten-path adventures around the globe."}
```

The response is a JSON object:

```
{  "_id": "67c718d910b898f2ba387bf",  "name": "Travel & Leisure",  "description": "This category is dedicated to exploring the diverse world of travel and leisure, providing detailed guides on destinations, travel itineraries, and cultural experiences. It includes comprehensive articles on planning trips, discovering hidden gems, and embracing local traditions. The content is crafted to inspire wanderlust while offering practical tips for safe and enjoyable journeys, covering everything from popular tourist spots to off-the-beaten-path adventures around the globe.",  "__v": 0}
```

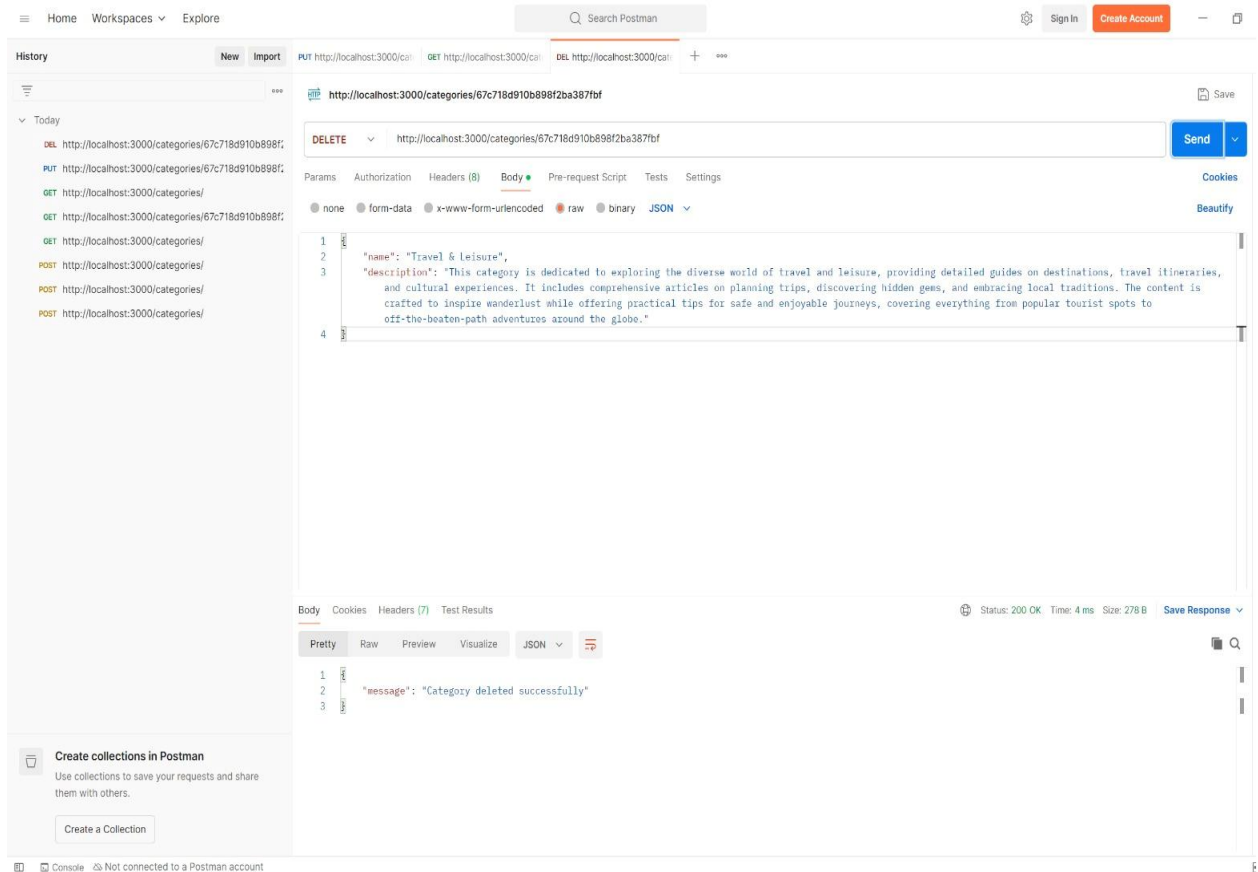
Below the interface, there is a large grey arrow pointing to the next section.

4. Create endpoint for GetCategoryById to get specific id from database.

The screenshot shows the Postman interface with a GET request to `http://localhost:3000/categories/67c718d910b898f2ba387bf`. The response is a JSON object:

```
{  "_id": "67c718d910b898f2ba387bf",  "name": "Electronics",  "description": "This category dives into the dynamic world of electronics, covering the latest gadgets, innovative devices, and emerging technological trends. It features in-depth reviews of smartphones, computers, home automation systems, and other electronic devices, while also exploring the underlying technology such as circuit design, embedded systems, and IoT solutions. Whether you're a tech enthusiast or a professional in the field, you'll find comprehensive guides, product comparisons, and expert insights that help you navigate the fast-evolving electronics landscape.",  "__v": 0}
```

5. Create endpoint for DeleteCategoryById to Delete specific id from database.



- **Link github code:** [SamehAlaa3/Task-1](https://github.com/SamehAlaa3/Task-1)

Ramadan Mubarak