

Course: Architecture and Programming Principles

Instructor: Professor Shaikh

Student Name: Yaoting Jiang

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a) **Use Case:** Get dog walkers

- **Resource(s):** dog walkers
- **Request URL:** http://localhost:5000/dog_walker
- **Request body:** N/A
- **Response:**

The screenshot shows a REST client interface with the following components:

- Request Bar:** Method: GET, URL: http://localhost:5000/dog_walker, Environment: No Environment.
- Request Details:** Method: GET, URL: http://localhost:5000/dog_walker, Send button.
- Params Tab:** Query Params table with columns: KEY, VALUE, DESCRIPTION, Bulk Edit.
- Body Tab:** Response status: 200 OK, 23 ms, 294 B. Response format: JSON.
- Response Body:** A JSON object representing a dog walker.

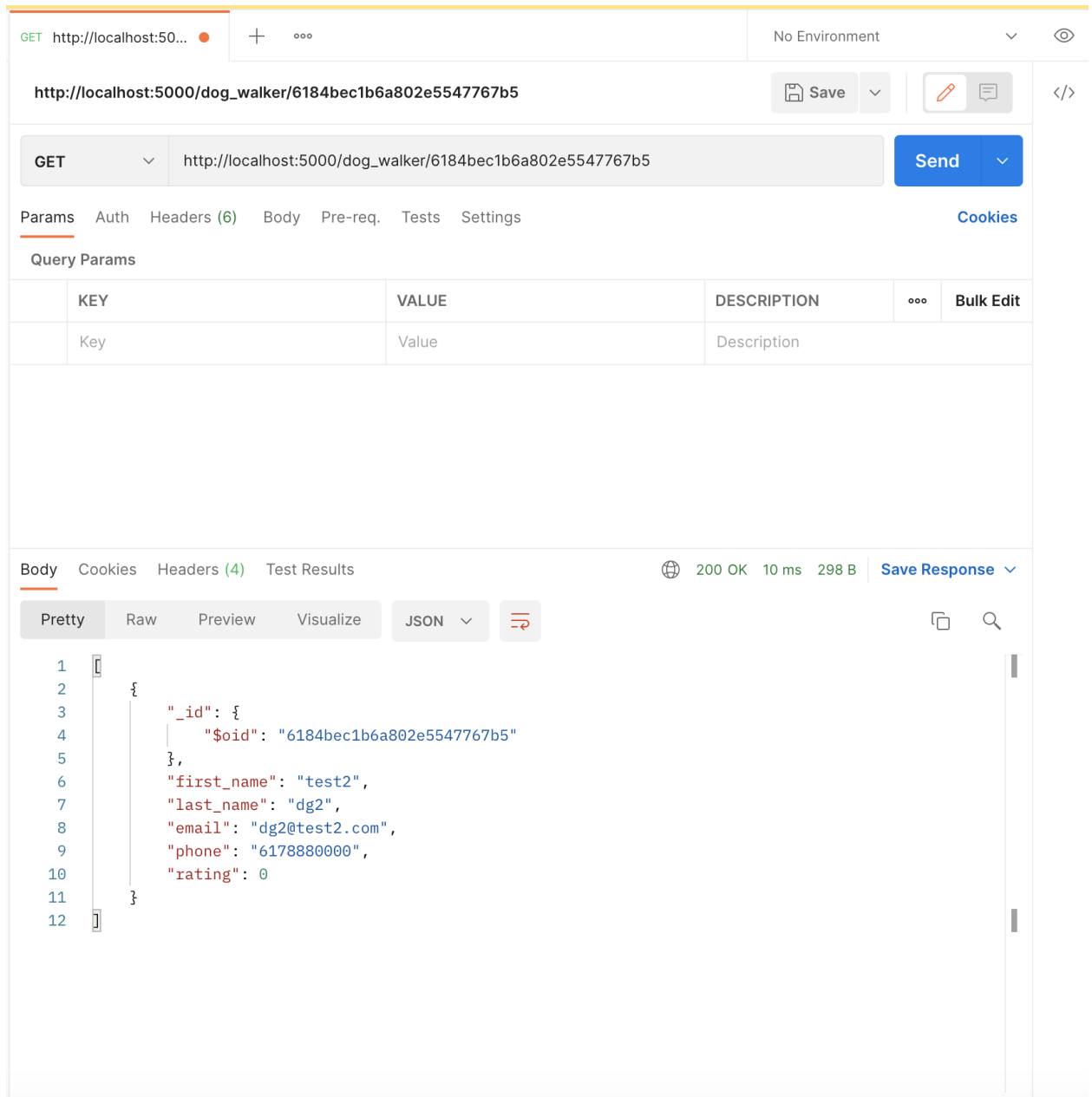
KEY	VALUE	DESCRIPTION	Bulk Edit
Key	Value	Description	

```
1 {
2   "_id": {
3     "$oid": "61846eed418eefacfb8b8e36"
4   },
5   "first_name": "test",
6   "last_name": "1",
7   "email": "dg1@test.com",
8   "phone": "6178889999",
9   "rating": 0
10 }
11
12
```

Runner Trash

b) **Use Case:** Get a dog walker with an id

- **Resource(s):** dog walkers
- **Request URL:** <http://localhost:5000/6184bec1b6a802e5547767b5>
- **Request param:** N/A
- **Response:**



c) **Use Case:** Create a dog walker

- **Resource(s):** dog walkers
- **Request URL:**
`http://localhost:5000/dog_walker?first_name=test2&last_name=dg2&email=dg2@test2.com&phone=6178880000`
- **Request params:** as shown in the picture

- **Response:**

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** `http://localhost:5000/dog_walker?first_name=test2&last_name=dg2&email=dg2@test2.co...`
- Environment:** No Environment
- Params:** Auth, Headers (7), Body, Pre-req., Tests, Settings
- Query Params:**

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	first_name	test2			
<input checked="" type="checkbox"/>	last_name	dg2			
<input checked="" type="checkbox"/>	email	dg2@test2.com			
<input checked="" type="checkbox"/>	phone	6178880000			
- Response:** 200 OK, 19 ms, 296 B
- Body:**

```

1  {
2    "_id": {
3      "$oid": "6184bec1b6a802e5547767b5"
4    },
5    "first_name": "test2",
6    "last_name": "dg2",
7    "email": "dg2@test2.com",
8    "phone": "6178880000",
9    "rating": 0
10  }

```

d) **Use Case:** Update a dog walker

- **Resource(s):** dog walkers
- **Request URL:** `http://localhost:5000/dog_walker/6184bec1b6a802e5547767b5`
- **Request body:** as shown in the picture

- **Response:**

The screenshot shows a REST client interface with a PATCH request to `http://localhost:5000/dog_walker/6184bec1b6a802e5547767b5`. The response is a JSON object with the following structure:

```

1 {
2   ... "email": "dogwalker@test2.com",
3   ... "phone": "6174445555",
4   ... "rating": 5
5   ...
6 }

```

Below the raw response, the 'Body' tab is selected, showing the same JSON object formatted with 'Pretty':

```

1 {
2   "_id": {
3     "$oid": "6184bec1b6a802e5547767b5"
4   },
5   "first_name": "test2",
6   "last_name": "dg2",
7   "email": "dogwalker@test2.com",
8   "phone": "6174445555",
9   "rating": 5
10 }

```

The status bar at the bottom indicates a 200 OK response with a 74 ms duration and 302 B of data.

e) **Use Case:** delete a dog walker

- **Resource(s):** dog walkers
- **Request URL:** `http://localhost:5000/dog_walker/6185adf3926f66d4d34e94af`
- **Request body:** N/A
- **Response:**

DEL http://localhost:50... + ... No Environment

http://localhost:5000/dog_walker/6185adf3926f66d4d34e94af Save

DELETE http://localhost:5000/dog_walker/6185adf3926f66d4d34e94af Send

Params Auth Headers (6) Body Pre-req. Tests Settings Cookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input type="checkbox"/>	phone	6173338888			
<input type="checkbox"/>	rating	3			
	Key	Value	Description		

Body Cookies Headers (4) Test Results 200 OK 14 ms 146 B Save Response

Pretty Raw Preview Visualize JSON

1 []

- There's only one dog walker in the db, so the response will return an empty list after the delete request

I'm taking a grace period for this assignment:

49-787 Request for Grace Period - Pass 1

yaotingj@andrew.cmu.edu [Switch account](#)

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* Required

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Title of assignment for which grace period is requested *

Project 5B - Implement First Service

Reason for requesting grace period. *

There's a lot of stuff going on this week, and I

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