

Assignment: Communication in the Cloud
ECE 531: Introduction to the Internet of Things

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Introduction

This project is a simple RESTful API for creating, reading, updating, and deleting data. It is implemented using Flask and deployed on an AWS EC2 instance running Ubuntu.

Create or Update Item

Base URL: <http://ec2-3-136-85-201.us-east-2.compute.amazonaws.com:5000>

Method: `POST` or `PUT`

Request Body:

```
{  
  "id": "unique_item_id",  
  "data": "item_data"  
}
```

Example Requests:

1. Create or Update Item

```
curl -X POST http://ec2-3-136-85-201.us-east-2.compute.amazonaws.com:5000/ -H "Content-Type: application/json"  
-d '{"id": "1", "data": "test data"}'
```

2. Read Item

```
curl http://ec2-3-136-85-201.us-east-2.compute.amazonaws.com:5000/1
```

3. Delete Item

```
curl -X DELETE http://ec2-3-136-85-201.us-east-2.compute.amazonaws.com:5000/1
```