**Beyond API**

**Programmatic Access Credentials:**

**User ID:** coordinates

**Your Access Key ID:** AKIAJMTSI44NMRAEBNRQ

**Your Secret Access Key: \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

aws\_secret\_access\_key

bhYV1RPhAtJXGNAUIgP9+dr7bnwotgMKcuqdlo37

aws\_access\_key\_id

AKIAIB2V5C7C3S7WZVKA

API Endpoint with addJewelsWithOwner resource exposed:  
 **{ Environment's URL }**/system/addJewelsWithOwner   
The method only accepts **PUT** requests.  
Example URL:  
<https://pb2veo8yxa.execute-api.us-east-1.amazonaws.com/Dev/system/addJewelsWithOwner>  
(note that the base environment's url may change)

**HTTPS Request Authentication process:**

The request should include a signature in the form of an Authorization header.

The Authorization header is produced by the Signature Version 4 Signing Process and includes the following information:

1. Algorithm you used for signing (AWS4-HMAC-SHA256)
2. Credential scope (with **your access key ID**)
3. List of signed headers
4. Calculated signature. The signature is based on your request information, and you use your AWS secret access key to produce the signature. The signature confirms your identity to AWS.

Example of an authorization header:

Authorization: AWS4-HMAC-SHA256 Credential=AKIAJMTSI44NMRAEBNRQ/20170117/us-east-1/execute-api/aws4\_request, SignedHeaders=content-length;content-type;host;x-amz-date, Signature=72d876a73317b236dee89eb1b88c2548a2cdacae53d91789209976b6efef0336

Useful info:

* Use Postman to Test an API Tutorial: <http://docs.aws.amazon.com/apigateway/latest/developerguide/how-to-use-postman-to-call-api.html>
* How to implement IAM authentication for APIs created with Amazon API Gateway: <https://aws.amazon.com/premiumsupport/knowledge-center/iam-authentication-api-gateway/>
* Signature Version 4 Signing Process: <http://docs.aws.amazon.com/general/latest/gr/signature-version-4.html>
* Signing AWS Requests with Signature Version 4: <http://docs.aws.amazon.com/general/latest/gr/sigv4_signing.html>

**Sample Request Body:**

**{**

**"first\_name": "John",**

**"last\_name": "Doe",**

**"email": "johndoe@mail.com",**

**"phone": "+97252123456",**

**"jewels": [**

**{**

**"id": "12341234",**

**"merchant\_id": "12341234",**

**"title": "bracelet5001",**

**"order\_ref": "000005001",**

**"owner\_id": "",**

**"description": "nice bracelet coordinates 5001",**

**"photo\_url": "http://pngimagesfree.com/Jewellery\_Png/Bangle/bangle\_gold-png-image-seven.png",**

**"code": "",**

**"code\_file": "",**

**"purchase\_date": "2017-03-05",**

**"memories": [**

**{**

**"memory\_id": 0,**

**"dedication": "hi gurl i luv u",**

**"media": [**

**{**

**"type": "video",**

**"url": "http://trailers.apple.com/movies/universal/the\_incredible\_hulk/the\_incredible\_hulk-tlr2\_h.640.mov",**

**"date\_created": "2017-03-05"**

**}**

**],**

**"create\_date": "2017-03-05",**

**"views": [**

**{**

**"viewer\_id": 0,**

**"date": ""**

**}**

**]**

**}**

**],**

**"users": [**

**{**

**"user\_id": "",**

**"premission": ""**

**}**

**]**

**}**

**]**

**}**

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