Lab32

Dynamodb and cloud9

U can use any programming lang in cloud9

A screenshot of a computer

Description automatically generated

Create cloud 9 and just give the name and don’t change any settings.

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Pip install boto3

U can use this code

import boto3

dynamodb=boto3.resourse('dynamodb')

table=dynamodb.table('faculty')

table.put\_item(Item={'fid':101,'fname':'Nirupam'})

print('Item Inserted Successfully')

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Description automatically generated with medium confidence

Graphical user interface, text

Description automatically generated

Inserting some records in the table with extra attributes :

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Graphical user interface, text, application, website

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Get a specific item based on a key

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To get only the item values :

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To get all the items in the table in the console :

Text

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Delete Operation :

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Update Operation :

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Graphical user interface, application

Description automatically generated

Codes :

Table

import boto3

dynamodb=boto3.resource('dynamodb')

table=dynamodb.Table('faculty')

Inserting Records :

#table.put\_item(Item={'fid':101,'fname':'Nirupam'})

# table.put\_item(Item={'fid':102,'fname':'Vaibhav','fgender':'MALE'})

# table.put\_item(Item={'fid':103,'fname':'Sithara','fgender':'FEMALE','fdept':'CSE'})

# table.put\_item(Item={'fid':104,'fname':'Mahesh','fdept':'CSE'})

# table.put\_item(Item={'fid':105,'fname':'Vijay','fsal':2005})

# table.put\_item(Item={'fid':106,'fname':'Paardhu','fsal':2005,'fgender':'MALE'})

# print('Item Inserted Successfully')

Get a specific Item:

# response=table.get\_item(Key={'fid':103,'fname':'Sithara'})

# print(response['Item'])

Get all items :

# response=table.scan()

# data=response.get('Items')

# print(data)

Delete an Item :

# key=table.delete\_item(Key={'fid':104,'fname':'Mahesh'})

# print("Item DELETED")

Update an item :

NOTE : If u misspell the name or give any new values, then that value will be added to the table

table.update\_item(Key={'fid':102,'fname':'Peace'},UpdateExpression='SET fgender=:v',ExpressionAttributeValues={':v':'Female'})

print('UPDATED SUCCESSFULLY')

Delete a table:

table.delete()

Graphical user interface, application

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Table Deleted