

Lesson 06 Demo 01

Implementing Database Operations in DynamoDB

Objective: To create a database table using DynamoDB to store and read items in a database

Tools require: AWS Management Console

Prerequisites: AWS account

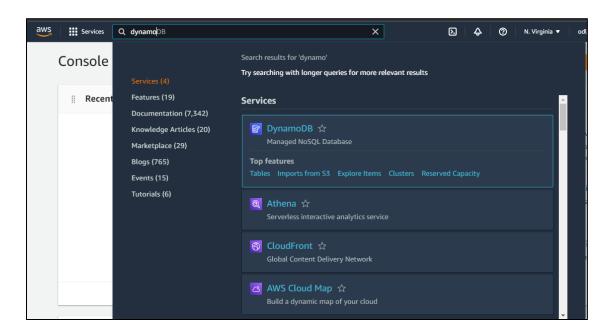
Steps to be followed:

1. Create a table

2. Store and read the items

Step 1: Create a table

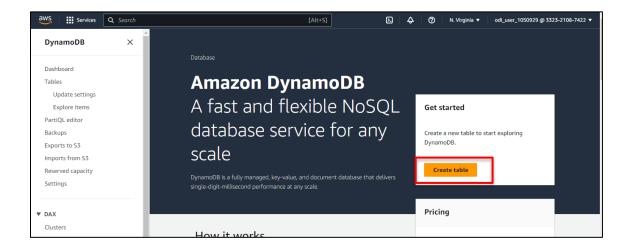
1.1 Navigate to the AWS portal and select the **DynamoDB** service



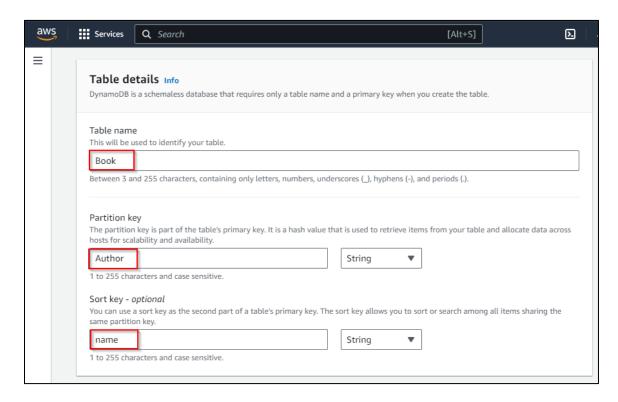
Note: Ensure that the region is US East (N. Virginia) us-east-1



1.2 Click on the Create table button

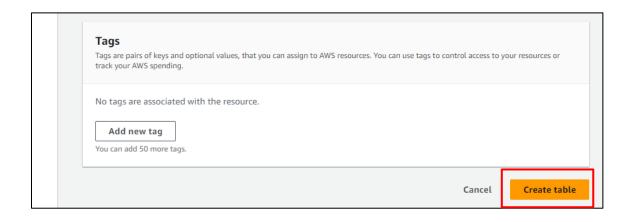


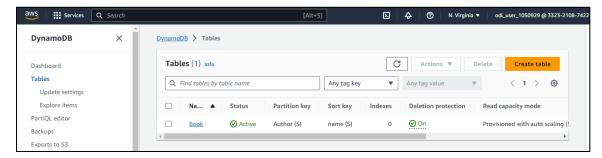
1.3 Enter the desired Table name, Partition key, and Sort key





1.4 Click on the Create table button

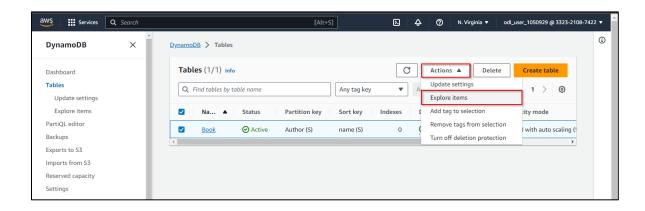




A database table using DynamoDB has been created.

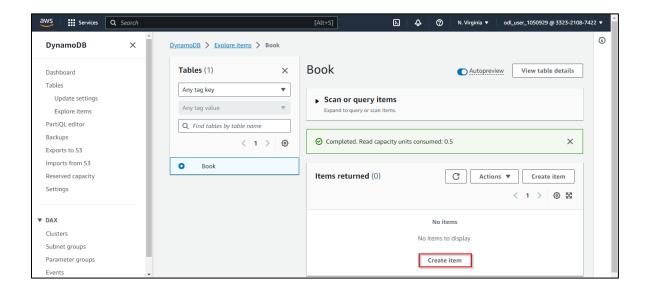
Step 2: Store and read the items

2.1 Select the created table and choose the Explore items option under Actions

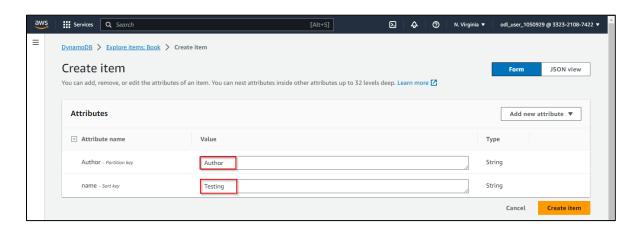




2.2 Click on the Create item button

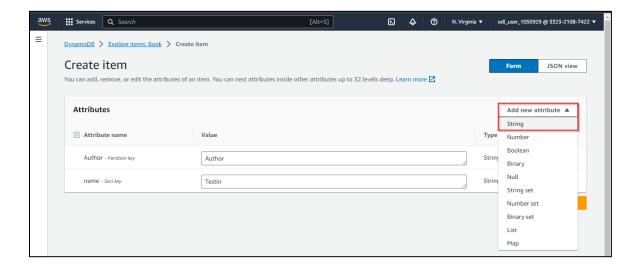


2.3 Enter values for the **Author** and **name** attributes

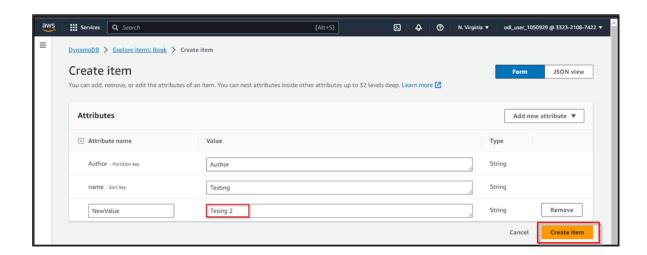




2.4 Click on **Add new attribute** to add attributes with the table and then select **String** as the value type

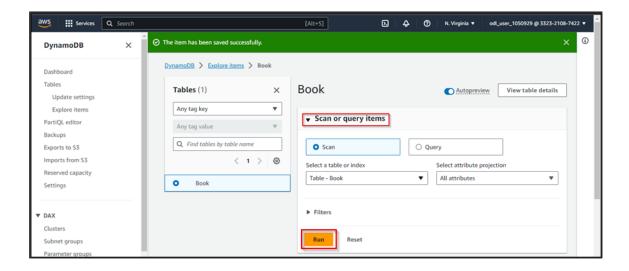


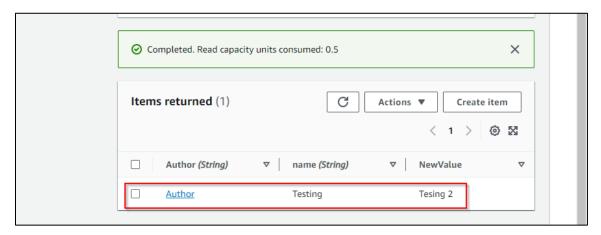
2.5 Enter the new attribute name and value and click the **Create item** button





2.6 Click on Scan or Query items and select Run to retrieve the stored items





By following these steps, you have successfully created a database table using DynamoDB to store and read items in a database. This experience equips you to confidently manage data using DynamoDB for diverse applications.