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Department of Computer Science and Engineering

Cloud Computing Assignment

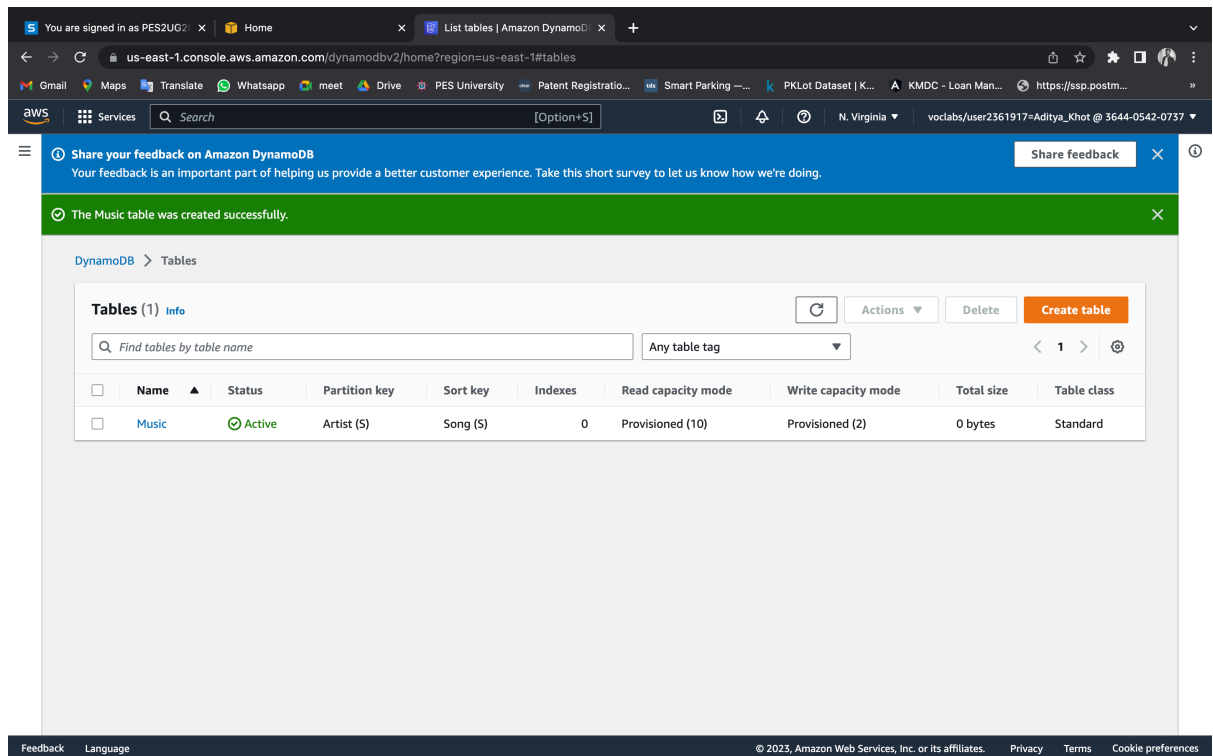
**Experiment 3: -
Introduction to Amazon DynamoDB**

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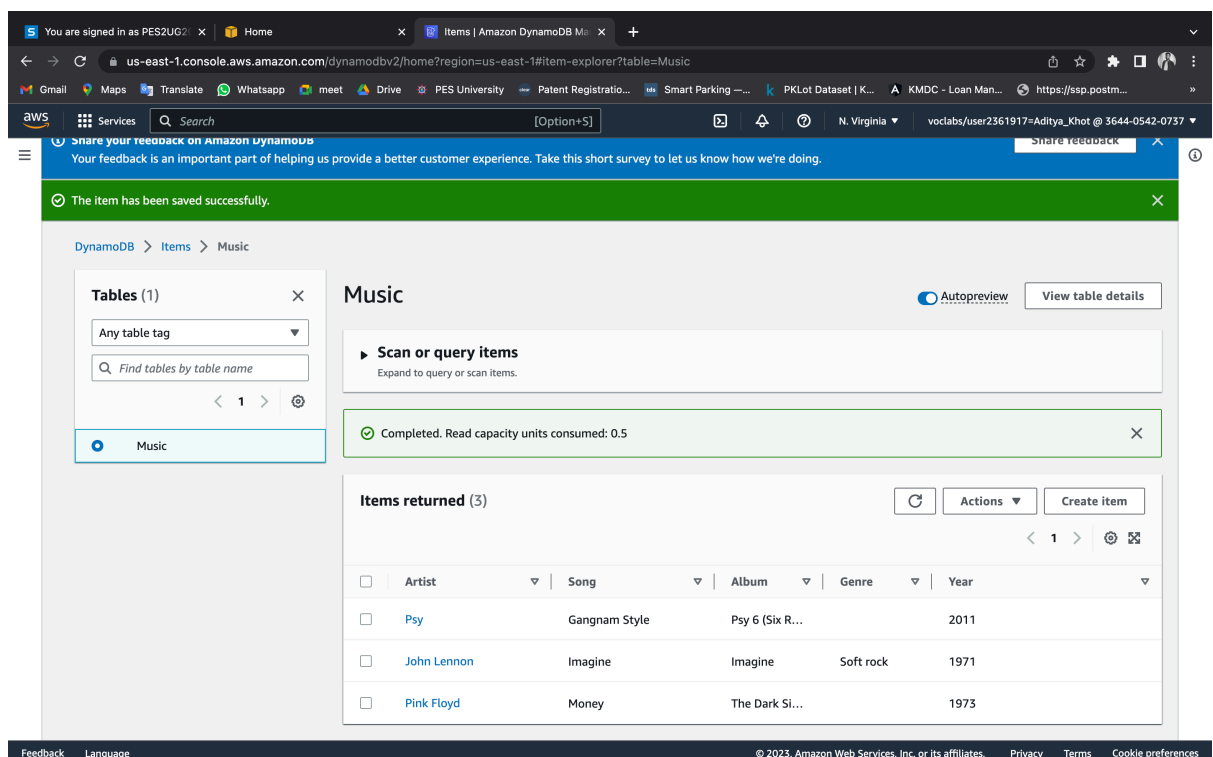
SRN : PES2UG20CS414

Section : G

- Screenshot 1a: Creation of table



- Screenshot 2a: Show the inserted entries in table (Make sure the Items returned table is expanded such that all fields are shown and the name of the Table is also visible to the left)



- Screenshot 3a: Show the entries post update (**Make sure the Items returned table is expanded such that all fields are shown and the name of the Table is also visible to the left**)

The screenshot shows the AWS DynamoDB console interface. On the left, a sidebar lists the 'Music' table. The main area displays the 'Music' table details. A green notification bar at the top states 'The item has been saved successfully.' Below this, a 'Scan or query items' section shows a completed status with 'Read capacity units consumed: 0.5'. The 'Items returned (1/3)' section is expanded, showing a table with the following data:

	Artist	Song	Album	Genre	LengthSeconds	Year
<input checked="" type="checkbox"/>	Psy	Gangnam Style	Psy 6 (Six R...		219	2012
<input type="checkbox"/>	John Lennon	Imagine	Imagine	Soft rock		1971
<input type="checkbox"/>	Pink Floyd	Money	The Dark Si...			1973

- Screenshot 4a: Result of the query Artist (Partition key): Psy, Song (Sort key): Equal to Gangnam Style (**Make sure both the query parameters filled are visible along with the result of the query**)

The screenshot shows the AWS DynamoDB console interface with the query configuration for the 'Music' table. The 'Select a table or index' dropdown is set to 'Table - Music'. The 'Select attribute projection' dropdown is set to 'All attributes'. The 'Artist (Partition key)' field is filled with 'Psy'. The 'Song (Sort key)' field is set to 'Equal to' with 'Gangnam Style' as the value. The 'Sort descending' checkbox is unchecked. Below the configuration, a green notification bar states 'Completed. Read capacity units consumed: 0.5'. The 'Items returned (1)' section is expanded, showing a table with the following data:

	Artist	Song	Album	LengthSeconds	Year
<input type="checkbox"/>	Psy	Gangnam Style	Psy 6 (Six R...	219	2012

- Screenshot 4b: Result of Scan filter (Make sure the 'Scan' radio button selection, Attribute name and the result are present in the screenshot)

The screenshot shows the AWS DynamoDB console interface. The 'Scan' radio button is selected. The 'Table - Music' is chosen, and 'All attributes' are projected. A filter is applied: Attribute name 'Year', Type 'Number', Condition 'Equal to', and Value '1971'. The 'Run' button is clicked, and a green status bar indicates 'Completed. Read capacity units consumed: 0.5'. Below, the 'Items returned (1)' section shows a table with one item.

Artist	Song	Album	Genre	Year
John Lennon	Imagine	Imagine	Soft rock	1971

- Screenshot 5a: Data after deletion of an item from the table

The screenshot shows the AWS DynamoDB console interface for the 'Music' table. The 'Scan or query items' section has the 'Scan' radio button selected. The 'Table - Music' is chosen, and 'All attributes' are projected. The 'Run' button is clicked. Below, the 'Items returned (2)' section shows a table with two items remaining after a deletion.

Artist	Song	Album	Genre	Year
John Lennon	Imagine	Imagine	Soft rock	1971
Pink Floyd	Money	The Dark Si...		1973