**Overview**:

With this architecture we can create a serverless API that reads items from a DynamoDb table.

The application will let the users fetch details about an item based on its item id.

**Application Architecture**:

The application architecture uses API Gateway, Lambda functions and DynamoDb. Amazon API Gateway is a fully managed service that makes it easy for developers to create, publish, maintain, monitor, and secure APIs at any scale. DynamoDB provides a persistence layer where data can be stored by the API's Lambda function and it is fast.

AWS lambda runs code without provisioning or managing infrastructure. It automatically responds to code execution requests at any scale.

When we invoke the HTTP API, API Gateway routes the request to the Lambda function. The Lambda function interacts with DynamoDB, and returns a response to API Gateway. API Gateway then returns a response to us.