Lab Project:

**DESCRIPTION**

### **Business Scenario**

The InGen Soft decided to bring serverless functionality into their application workload using the Azure function and Storage queue. The idea behind this is that the appearance of the message inside a Queue shall trigger the Function execution. For validation, this task has been assigned to a developer to test this functionality using Visual Studio 2017.

**Overview**

The main tasks for this exercise are as follows:  
1. Log in to the Azure Portal and create the below services:

* Resource Group
* Storage Account
* Input Queue

2. Create an Azure function using Visual Studio which also includes:

* Queue Binding
* Deployment from visual studi
* Deployment from visual studio

# Log in to the Azure Portal

## Task 1: Sign in to the Azure Portal

Login to [*https://portal.azure.com*](https://portal.azure.com)through Labs.

## Task 2: Create the Resource Group

1. In the navigation pane on the left side of the Azure Portal, click **All services**.
2. In the **All services** blade that displays, click **Resource groups**.
3. At the top of the **Resource groups** blade, already we I have a default group created for me with name **rg-prasanthkumar.ysl\_gmail-7qwwt**.

## Task 3: Create the Storage Account

1. In the **All services** blade that displays, click **storage account**.
2. In the **storage account** blade that displays, view your list of storage accounts.
3. At the top of the **storage account** blade, click the **Add** button.
4. In the **storage account** blade, perform the following steps:
   * 1. **Resource group:** rg-prasanthkumar.ysl\_gmail-7qwwt
     2. **Storage account name**: ingenstrg1
     3. **Location**: West US
     4. **Performance:** standard
     5. **Account kind:** storage v2
     6. **Replication**: Locally-redundant storage
     7. **Access tier**: Hot
5. In the **storage account** blade, click **Create**.

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## Task 4: Create a queue for input messages

1. Select the **ingenstrg1** storage account and click on queues
2. Add a new queue named: in-item

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