**Deploying SQL Database, .NET Core Web API, and Angular on Azure Paas Service**

**Step 1: Creating a Sql Database in Azure**

* Login into your azure portal.
* Create a resource group under which we will be creating all our resources.
* Create a SQL Database Server under the resource group with SQL authentication.
* For SQL Authentication, we need to select the admin and give the password.

**Step 2: Exporting the SQL Database from local server and Importing into Azure Database Server**

* Open SQL Management Studio and open the local DB.
* Right Click on the Db and click on “Export as Data Tier Application” and store the file with .bacpac extension in the local disc.
* The Azure SQL Server is connected into SSMS by providing the SQL authentication.
* The locally exported .bacpac file is imported by right clicking on the “Databases” under Azure Database and then clicking on “Import Data Tier Application”
* The Database will be then Updated in Azure Database.

**Step 3: Creating App Service for deploying API**

* Next, we need to create an App Service in azure.
* In Azure the App service is created using the technology stack as used for creating the API (.NET Version)
* After opening Visual Studio right-click on the project, then publish is selected.
* In the new dialog box, the corresponding app service and database (azure) is selected and then the publish button is pressed to publish the API/backend in Azure.

**Step 3: Creating App Service for deploying Angular/Frontend**

* For Deploying Angular we need to create an App Service in azure.
* In Azure the App service is created using the technology stack as used for creating the Angular (Node Version).
* After Opening Visual Studio Code, the base URLs are changed as per the API URL in Azure.
* In terminal type “ng build”. A “dist” folder will get created after successful execution of the command.
* Next Deploy the “dist” folder in Azure App service created for Angular.