**DEPLOYING ASP .NET CORE, ANGULAR, AND SQL 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.

**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 Database 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 4: 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 configuration=production”. A “dist” folder will get created.
* Next Deploy the “dist” folder in Azure App service created for Angular.