I have created below tables for supporting above APIs in DB until now -> "dpa-ir-dev-cog-nonprod-5f2ab479.database.windows.net,1433"

**1. Business table**

CREATE TABLE [irpc].[tbl\_business\_types] (

business\_id VARCHAR(256) NOT NULL PRIMARY KEY,

business\_type VARCHAR(30) NOT NULL

);

**2.Access table**

CREATE TABLE [irpc].[tbl\_access\_table] (

access\_id VARCHAR(256) NOT NULL PRIMARY KEY,

access\_type VARCHAR(15) NOT NULL

);

**3. Report Icon Mapping table**REATE TABLE [irpc].[tbl\_report\_icon\_mapping] (

reportId VARCHAR(256) NOT NULL PRIMARY KEY,

icon\_id VARCHAR(256) NOT NULL,

icon\_color VARCHAR(10) NOT NULL,

reportName VARCHAR(50) NOT NULL,

userId VARCHAR(10) NOT NULL,

CONSTRAINT Unique\_Report\_Icon UNIQUE(icon\_id,icon\_color,reportName)

)

**4. Icon Details table**

CREATE TABLE [irpc].[tbl\_icon\_details] (

icon\_id VARCHAR(256) NOT NULL PRIMARY KEY,

icon\_address VARCHAR(256) NOT NULL

)

**5. ReportDetails Table**

CREATE TABLE [irpc].[tbl\_other\_report\_details] (

user\_id VARCHAR(10) NOT NULL,

report\_id VARCHAR(256) NOT NULL PRIMARY KEY,

report\_name VARCHAR(50) NOT NULL,

business\_type VARCHAR(30) NOT NULL,

access\_type VARCHAR(15) NOT NULL,

description VARCHAR(256),

created\_on DATETIME,

updated\_on DATETIME

CONSTRAINT UKEY UNIQUE (user\_id, report\_id, report\_name, business\_type, access\_type)

)

ALTER TABLE [irpc].[tbl\_other\_report\_details] ADD CONSTRAINT [DF\_tbl\_adhoc\_report\_details\_created\_on] DEFAULT (getdate()) FOR [created\_on];

6. **User\_Email\_Mapping table**

Create TABLE [irpc].[tbl\_user\_email\_mapping] (

user\_id VARCHAR(10) NOT NULL PRIMARY KEY,

email\_id VARCHAR(50) NOT NULL

CONSTRAINT UNIQUE\_MAPPING UNIQUE(user\_id, email\_id)

);

**7. Report\_Email\_Mapping table**

Create TABLE [irpc].[tbl\_report\_email\_mapping] (

report\_id VARCHAR(256) NOT NULL ,

email\_id VARCHAR(50) NOT NULL

CONSTRAINT REPORT\_EMAIL\_MAPPING PRIMARY KEY(report\_id, email\_id)

);

**8. AdHoc Report Table**

CREATE TABLE [irpc].[tbl\_other\_reports\_address] (

report\_id VARCHAR(256) NOT NULL PRIMARY KEY,

icon\_address VARCHAR(256) NOT NULL,

report\_address VARCHAR(256) NOT NULL,

no\_of\_downlaods INTEGER

)

**9. User access table**

CREATE TABLE [irpc].[tbl\_other\_report\_access\_list](

[user\_id] [varchar](256) NOT NULL,

[status] [bit] NOT NULL

)

**10. Popular Reports View**

CREATE view [irpc].[vw\_popular\_reports] AS (

SELECT TOP (1000) b.user\_id,b.email\_id,a.report\_id,c.report\_name,c.business\_type,c.access\_type,c.[description],d.icon\_id,d.icon\_color,e.icon\_address,e.report\_address,e.no\_of\_downloads

FROM [irpc].[tbl\_report\_email\_mapping] a ,[irpc].[tbl\_user\_email\_mapping] b,[irpc].[tbl\_other\_report\_details] c,

[irpc].[tbl\_report\_icon\_mapping] d,[irpc].[tbl\_other\_reports\_address] e

WHERE a.email\_id = b.email\_id and a.report\_id = c.report\_id and a.report\_id = d.report\_id and a.report\_id = e.report\_id)

GO

11. Peers Reports View

CREATE view [irpc].[vw\_peer\_reports] AS

select distinct c.user\_id, a.report\_id, a.report\_name, a.business\_type, a.access\_type, a.description, b.icon\_id, b.icon\_color, c.email\_id, e.report\_address

from [irpc].[tbl\_other\_report\_details] a, [irpc].[tbl\_report\_icon\_mapping] b, [irpc].[tbl\_user\_email\_mapping] c, [irpc].[tbl\_report\_email\_mapping] d,

[irpc].[tbl\_other\_reports\_address] e

where a.user\_id != c.user\_id

and a.report\_id = b.report\_id

and a.report\_id = d.report\_id

and a.report\_id = e.report\_id

GO

**12.Azure Blob storage details**

#==================AZURE STORAGE ACCOUNT CONFIGURATION============================================

azure.name=25b1072e87stg

azure.appId=dba0191a-787f-4599-bf62-c6b276db3d14

azure.subscription\_id=e3648e32-e27d-4659-99fd-136d9b974495

azure.subsription\_name=sp-pl-storageaccount-nonprod-000

azure.tenant\_id=3cbcc3d3-094d-4006-9849-0d11d61f484d

azure.resource\_group\_name=25b1072e87sarg

azure.key=ASL8NCUW2SXmaf2HDJxlyI7Dyvr0F9OMDf86DEAf1hKvZiLNaVqNemkgA5/0vW0ertDJ1olS298Chl0Ao5p9FA==