My Drive Demo

Database: Google BigQuery (Location: Asia (Delhi))

Tables:

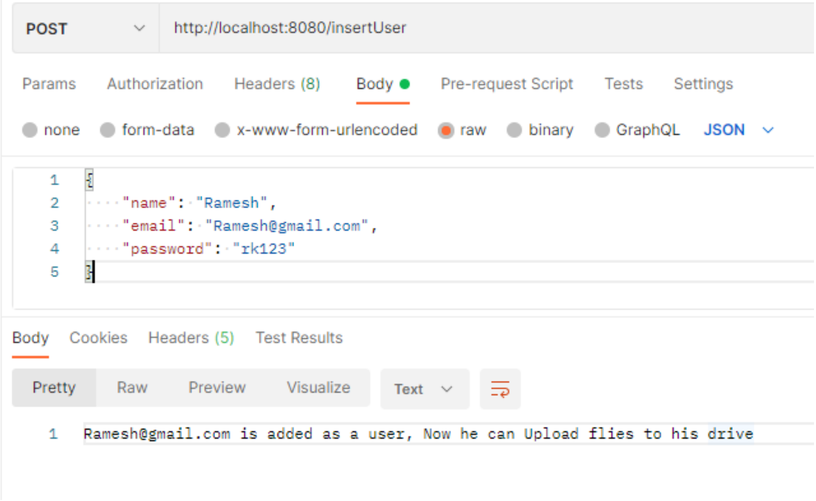
- User_table
- files_table
- user_files_table

File are uploaded on Google cloud Storage(GCS buckets).

Bucket Name: mydrive_99100/DriveUser

API's:

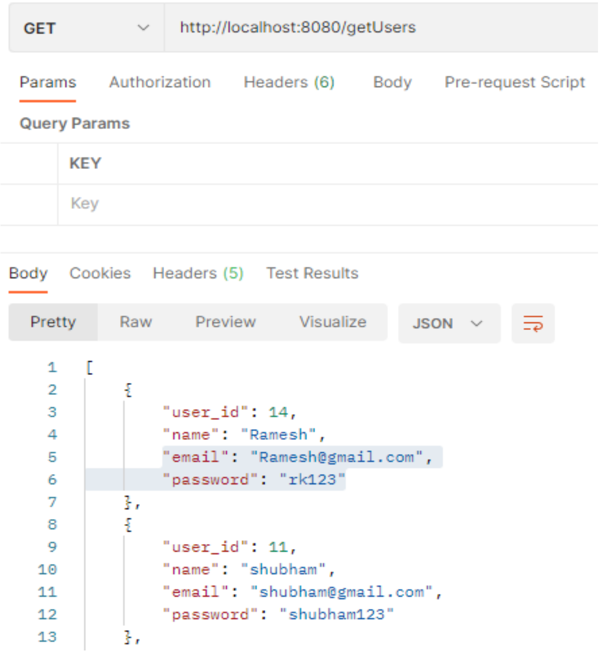
/insertUser



```
{
    "name": "Ramesh",
    "email": "Ramesh@gmail.com",
    "password": "rk123"
}
```

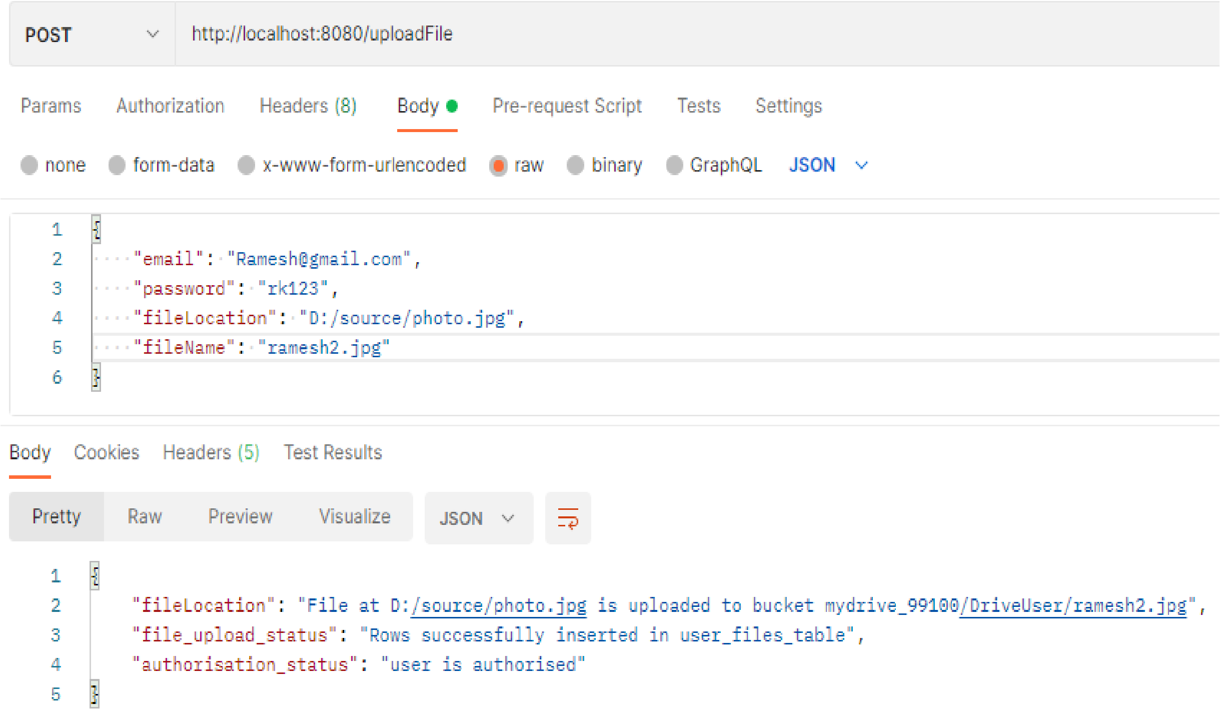
```
Ramesh@gmail.com is added as a user, Now he can Upload flies to his drive
```

/getUsers



```
[
    {
        "user_id": 14,
        "name": "Ramesh",
        "email": "Ramesh@gmail.com",
        "password": "rk123"
    },
    {
        "user_id": 11,
        "name": "shubham",
        "email": "shubham@gmail.com",
        "password": "shubham123"
    },
```

/uploadFile (response when user is authenticated and file is uploaded)



POST http://localhost:8080/uploadFile

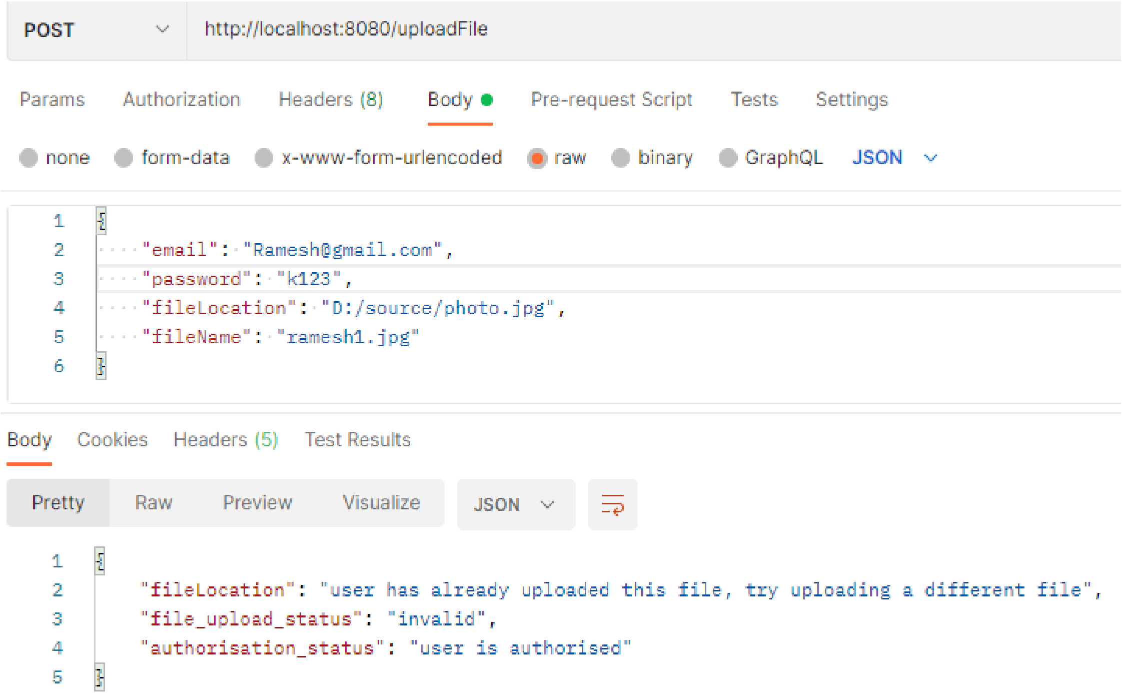
● raw JSON

```
{
    "email": "Ramesh@gmail.com",
    "password": "rk123",
    "fileLocation": "D:/source/photo.jpg",
    "fileName": "ramesh2.jpg"
}
```

JSON

```
{
    "fileLocation": "File at D:/source/photo.jpg is uploaded to bucket mydrive_99100/DriveUser/ramesh2.jpg",
    "file_upload_status": "Rows successfully inserted in user_files_table",
    "authorisation_status": "user is authorised"
}
```

/uploadFile (response when user is authenticated but has already uploaded the same file in past)



POST http://localhost:8080/uploadFile

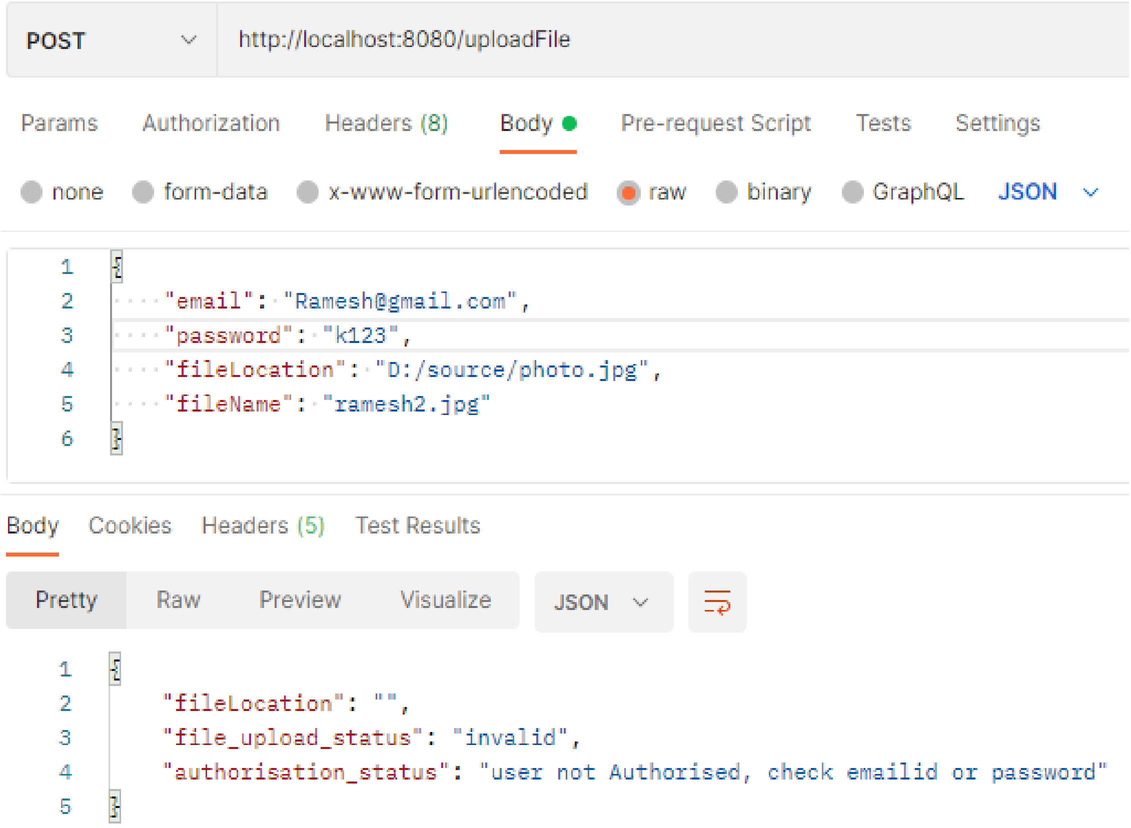
● raw JSON

```
{
    "email": "Ramesh@gmail.com",
    "password": "k123",
    "fileLocation": "D:/source/photo.jpg",
    "fileName": "ramesh1.jpg"
}
```

JSON

```
{
    "fileLocation": "user has already uploaded this file, try uploading a different file",
    "file_upload_status": "invalid",
    "authorisation_status": "user is authorised"
}
```

/uploadFile (response when user is not authenticated)



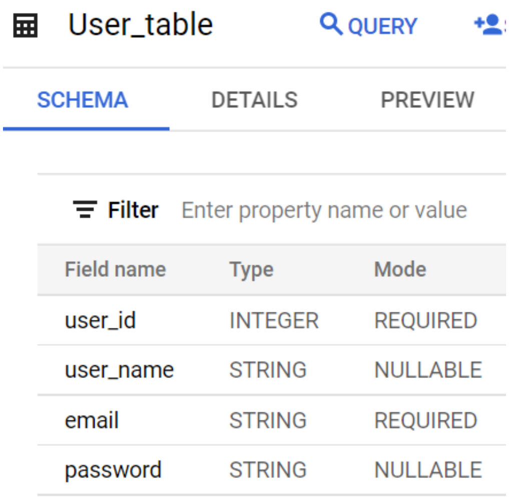
POST http://localhost:8080/uploadFile

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```json
{
    "email": "Ramesh@gmail.com",
    "password": "k123",
    "fileLocation": "D:/source/photo.jpg",
    "fileName": "ramesh2.jpg"
}
```

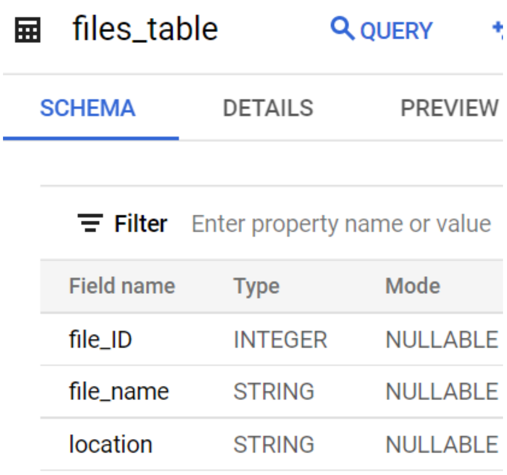
```json
{
    "fileLocation": "",
    "file_upload_status": "invalid",
    "authorisation_status": "user not Authorised, check emailid or password"
}
```

Screenshots DB and Storage Bucket:

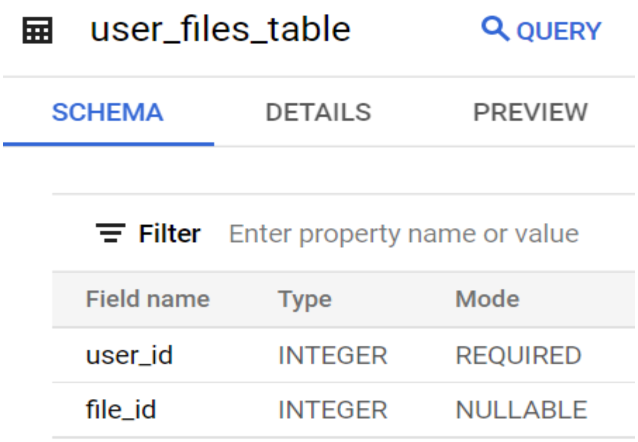


User_table

Field name	Type	Mode
user_id	INTEGER	REQUIRED
user_name	STRING	NULLABLE
email	STRING	REQUIRED
password	STRING	NULLABLE

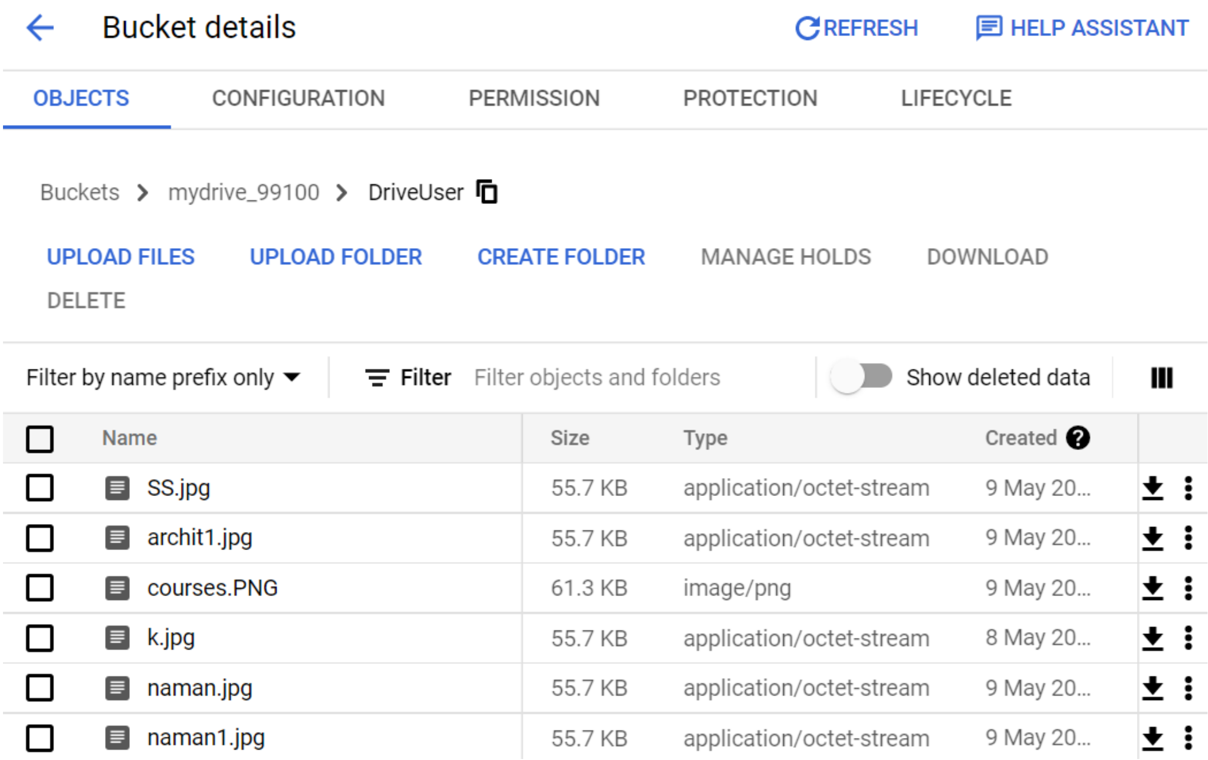


Field name	Type	Mode
file_ID	INTEGER	NULLABLE
file_name	STRING	NULLABLE
location	STRING	NULLABLE



Field name	Type	Mode
user_id	INTEGER	REQUIRED
file_id	INTEGER	NULLABLE

GCS Bucket:



Buckets > mydrive_99100 > DriveUser

□	Name	Size	Type	Created
□	SS.jpg	55.7 KB	application/octet-stream	9 May 20...
□	archit1.jpg	55.7 KB	application/octet-stream	9 May 20...
□	courses.PNG	61.3 KB	image/png	9 May 20...
□	k.jpg	55.7 KB	application/octet-stream	8 May 20...
□	naman.jpg	55.7 KB	application/octet-stream	9 May 20...
□	naman1.jpg	55.7 KB	application/octet-stream	9 May 20...