**1) SQL**

We have two tables **content\_metadata** and **flight,** described as follows:

TABLE content\_metadata

(

content\_id text NOT NULL,

publisher\_id text NOT NULL,

wf\_process\_instance\_id text,

flight\_id text,

CONSTRAINT content\_metadata\_pk PRIMARY KEY (content\_id),

CONSTRAINT flight\_id\_fk FOREIGN KEY (flight\_id)

REFERENCES flight (id) MATCH SIMPLE

ON UPDATE NO ACTION ON DELETE NO ACTION

)

And

TABLE flight

(

id text NOT NULL,

name text NOT NULL,

CONSTRAINT flight\_pk PRIMARY KEY (id),

CONSTRAINT unique\_flight\_name UNIQUE (name)

)

Please select random 10 entries from content\_metadata table with name of corresponding flight started with “TEST\_FLIGHT”.

**2) Test Planning**

Goal of this task to plan testing activities with API based user interaction.

Let test blogging platform medium.com, so we can test several public endpoints.

EndUser scenario flow:

1. Open medium.com

2. Create a new free account by Sign Up and proceed with registration

3. Log in into medium.com and open https://medium.com/me/settings

4. Generate new "Integration token"

5. Use generated token for bearer authorization and check connectivity by issuing:

<https://api.medium.com/v1/me>.

You should get valid user information back.

6. Create the new post via call

https://api.medium.com/v1/users/{{authorId}}/posts.

Use API documentation for proper formatting

7. Propose validation methods that publication call was succeeded.

Links:

API documentation: <https://github.com/Medium/medium-api-docs>

- Please plan test activities for step 6.

- Put priorities on the test cases

**3) Test Automation (optional)**

Please create an automated test in Groovy or Java for testing /**post** endpoint (steps 6). Testing all other steps are prerequisites and out of this automation task scope.

Please send your solution as a github link. We’ll take a look at your solution considering if the test is working, the design choices, the commit messages on github (best practices of version control) and the test report.