Contents

1) Check the all api end point is working:

   Step 1) pass all the url
   Step 2) it should return 200 ok

2) Check the api url should proper format
   Step 1) change the url format from YYYY-MM-DD to MM-DD-YY
   Step 2) Check the Json message
   Step 3) message should in below format
   '{"message": "Please specify dateofbirth in ISO format YYYY-MM-DD"}

3) Change api url without unit
   Step 1) change the url format from YYY-MM-DD only
   Step 2) check the Json format
   Step 3) Message should be below format
           '{"message": "Please specify dateofbirth in ISO format YYYY-MM-DD"}

BUG
4) Change the api url to 1 day before and hour should not be return 24 hours

   Step 1) set the url 13-Aug-2023
   Step2) check the json Format
   Step 3) Message should not return 24 hour

Note this is Bug in current system

5) Change the api url to 1 day before and day should return 1 day

   Step 1) set the url 13-Aug-2023
   Step2) check the json Format
   Step 3) Message should 1 day

6) Change the api url to 1 day before and WEEK should return 0 WEEK

   Step 1) set the url 13-Aug-2023
   Step2) check the json Format
   Step 3) Message should RETRUN 0 Week

7) Change the api url to 1 day before and Month should return 0 Month

   Step 1) set the url 13-Aug-2023
   Step2) check the json Format
   Step 3) Message should RETRUN 0 Month

Also we can wrote many test case like performance test

1) How to time to return the response
2) Check the loading time

Similarly we can create a robot file and write a python code or pytest instead of BDD

We can use Selenium with some data ref check url is open or not if it is in GUI

Above 7 are basic test for regression point of view. We can add functional test case as well like hour unit, week

Also, we can test Boundary case like a particular date range should be accepted.