2 Test Cases for API Testing with Postman API Tool

| Test Case ID	Test Case Description	Test Steps	Expected Behaviour	Actual Behaviour
1	Verify that user can successfully updates the information of the account belonged to him/her. (ID of the account created by the user [ID of the account to which the update test will be performed]: "2378043").	1) Send a **PUT** request to the API endpoint: "https://gorest.co.in/public/v2/users/2378043" 2) Receive the response from the API. 3) Check the status code of the response.	Status code should be **200 (OK)**, indicating a successful request.	Status code: **200 (OK)**
2	Make sure that user cannot create a new account with an e-mail address that is already assigned to an another account. (An e-mail address previously assigned to another account: "BAU@createTest" to which create test will be applied)	1) Send a **POST** request to the API endpoint: "https://gorest.co.in/public/v2/users" 2) Receive the response from the API. 3) Check the status code of the response.	Status code should be **422 (Unprocessable Entity)**, indicating a failed request.	Status code: **422 (Unprocessable Entity)**

➔ **Test Case ID: 1 [Positive Testing]**

Existing information of the account whose ID: "2378043" in the database before applying the update test:

After the update test is applied, test result with status code and response body on Postman:
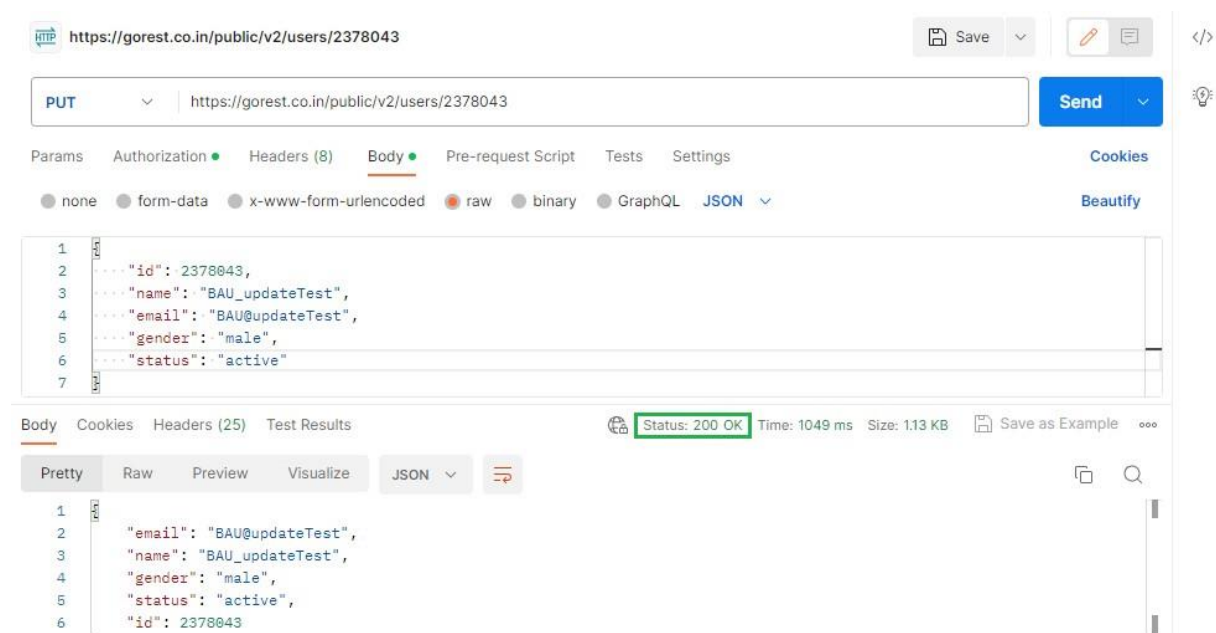
Updated information of the account whose ID: "2378043" in the database after applying the update test:

[{"id":2378043,"name":"BAU_updateTest","email":"BAU@updateTest","gender":"male","status":"active"},
{"id":2379539,"name":"Denemeea","email":"denemesasssss@hotmail.com","gender":"male","status":"active"},
{"id":2378034,"name":"Deneme","email":"denemesss@hotmail.com","gender":"male","status":"active"},{"id":2368370,"name":"Nawal
Khanna","email":"khanna_nawal@koepp.test","gender":"male","status":"inactive"},{"id":2368368,"name":"Dulari
Kakkar","email":"dulari_kakkar@schroeder.test","gender":"male","status":"active"},{"id":2368366,"name":"Dayaanidhi
Agarwal","email":"agarwal_dayaanidhi@cummerata.test","gender":"male","status":"active"},{"id":2368365,"name":"Miss Jaimini
Dwivedi","email":"miss_jaimini_dwivedi@spinka.example","gender":"male","status":"inactive"},{"id":2368363,"name":"Veda
Kaur","email":"veda_kaur@cummerata.test","gender":"female","status":"inactive"},{"id":2368362,"name":"Minakshi
Arora","email":"minakshi_arora@abbott.example","gender":"female","status":"inactive"},{"id":2368360,"name":"Msgr. Garud Gandhi","email":"msgr_garud_gandhi@oberbrunner-prosacco.example","gender":"female","status":"active"}]

JSON code consisting of "Method", "Endpoint URL", "Request Headers" and "Request Body":

```
{

  "Method": "PUT",

  "Endpoint URL": "https://gorest.co.in/public/v2/users/2378043",

  "Request Headers": {

    "Authorization": "Bearer {access_token}",

    "Content-Type": "application/json",

    "Content-Length": "<calculated when request is sent>",

    "Host": "<calculated when request is sent>",

    "User-Agent": "PostmanRuntime/7.32.2",

    "Accept": "*/*",

    "Accept-Encoding": "gzip, deflate, br",

    "Connection": "keep-alive"

  },

  "Request Body": {

    "id": 2378043,

    "name": "BAU_updateTest",

    "email": "BAU@updateTest",

    "gender": "male",

    "status": "active"

  }

}
```
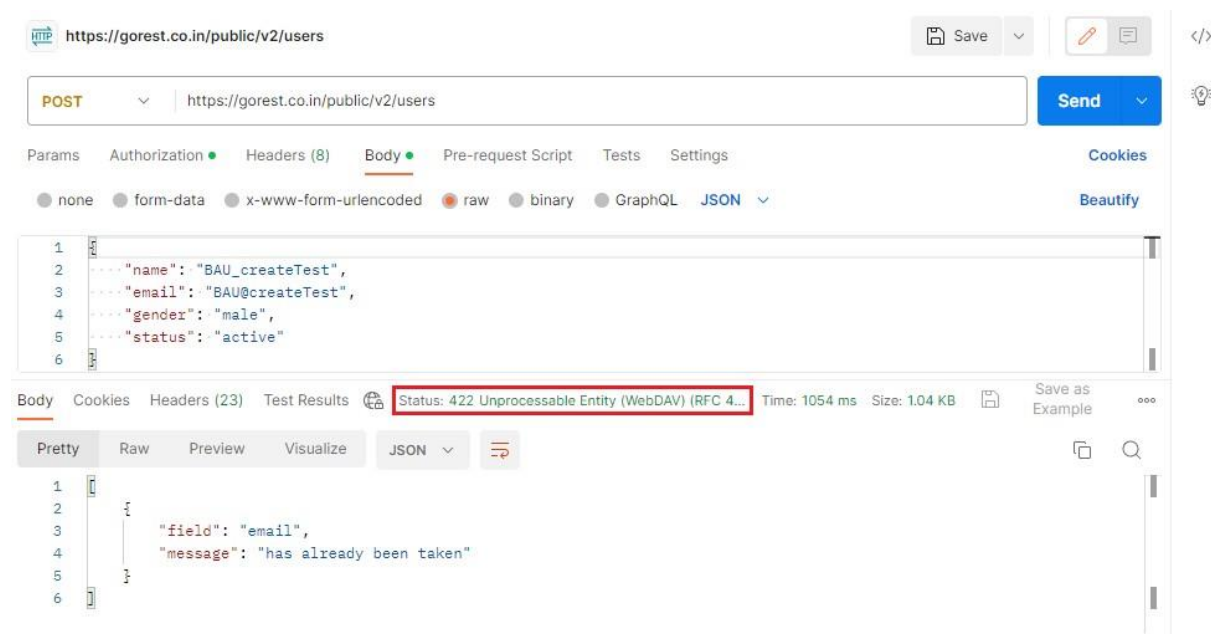
➔ Test Case ID: 2 [Negative Testing]

Existing information of the account whose e-mail address: "BAU@createTest" in the database before applying the create test:

[{"id":2380210,"name":"BAU_createTest","email":"BAU@createTest","gender":"male","status":"active"},
{"id":2378043,"name":"BAU_updateTest","email":"BAU@updateTest","gender":"male","status":"active"},
{"id":2379539,"name":"Denemeea","email":"denemesasssss@hotmail.com","gender":"male","status":"active"},
{"id":2378034,"name":"Deneme","email":"denemesss@hotmail.com","gender":"male","status":"active"},{"id":2368370,"name":"Nawal
Khanna","email":"khanna_nawal@koepp.test","gender":"male","status":"inactive"},{"id":2368368,"name":"Dulari
Kakkar","email":"dulari_kakkar@schroeder.test","gender":"male","status":"active"},{"id":2368366,"name":"Dayaanidhi
Agarwal","email":"agarwal_dayaanidhi@cummerata.test","gender":"male","status":"active"},{"id":2368365,"name":"Miss Jaimini
Dwivedi","email":"miss_jaimini_dwivedi@spinka.example","gender":"male","status":"inactive"},{"id":2368363,"name":"Veda
Kaur","email":"veda_kaur@cummerata.test","gender":"female","status":"inactive"},{"id":2368362,"name":"Minakshi
Arora","email":"minakshi_arora@abbott.example","gender":"female","status":"inactive"}]

After the create test is applied, test result with status code and response body on Postman:

JSON code consisting of "Method", "Endpoint URL", "Request Headers" and "Request Body":

```json
{
  "Method": "POST",
  "Endpoint URL": "https://gorest.co.in/public/v2/users",
  "Request Headers": {
    "Authorization": "Bearer {access_token}",
    "Content-Type": "application/json",
    "Content-Length": "<calculated when request is sent>",
    "Host": "<calculated when request is sent>",
    "User-Agent": "PostmanRuntime/7.32.2",
    "Accept": "*/*",
    "Accept-Encoding": "gzip, deflate, br",
    "Connection": "keep-alive"
  },
  "Request Body": {
    "name": "BAU_createTest",
    "email": "BAU@createTest",
    "gender": "male",
    "status": "active"
  }
}
```