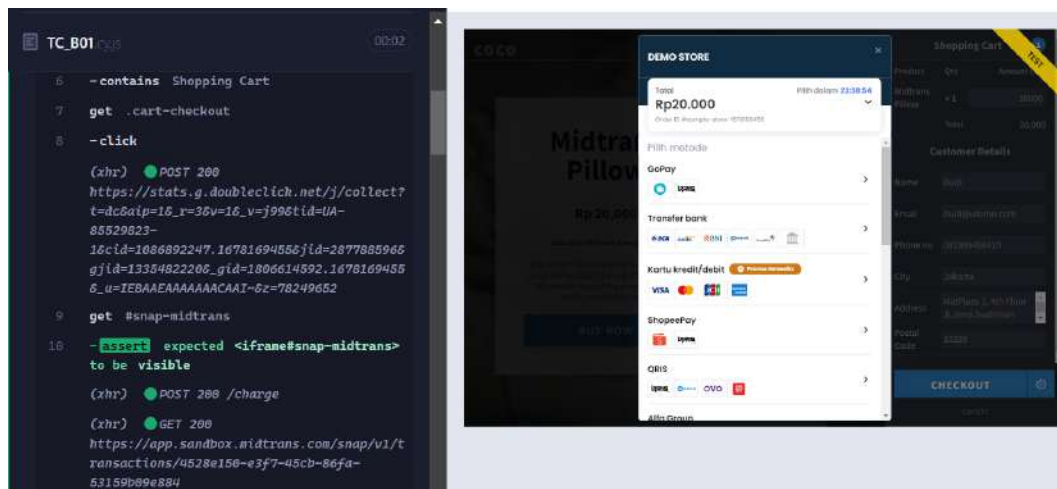
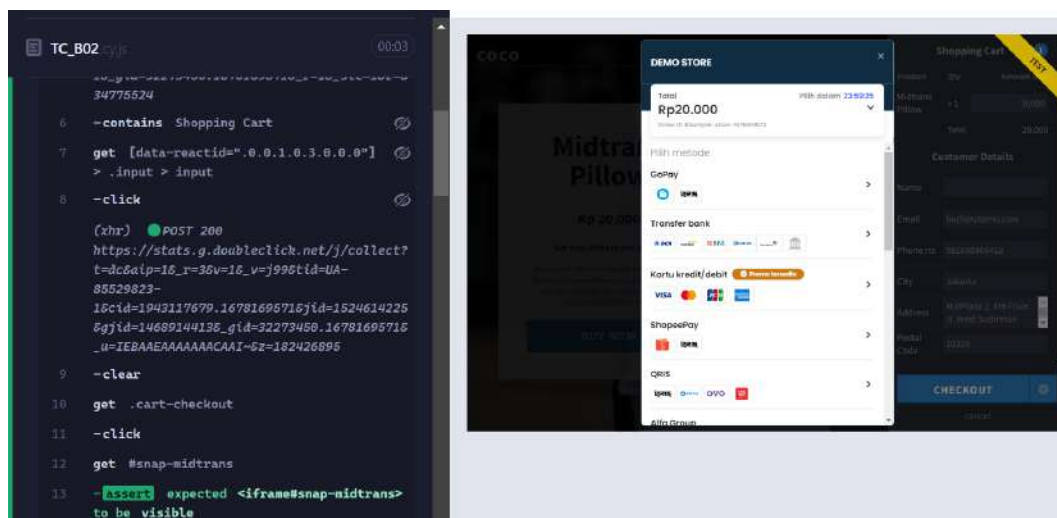


3. Midtrans

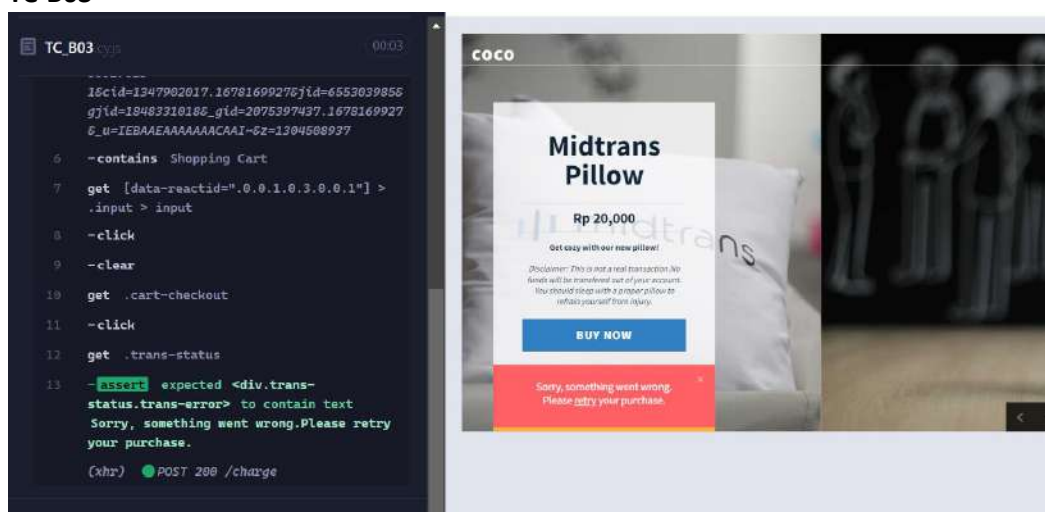
- TC-B01



- TC-B02



- TC-B03



- TC-B04

```

TC_B04.cys 00:03
8 -click
(xhr) POST 200
https://stats.g.doubleclick.net/j/collect?
t=dc&rip=1&r=3&v=1&_v=j99&tid=UA-
85529823-
1&cId=19159375&E2.1678170026&fid=1394016946
&gjId=991253471&_gid=91684810.1678170026&
_u=IEBAEAAAAAAAAACAAI-EZ=499920363

9 -clear

10 get .cart-checkout

11 -click

12 get #snap-midtrans

13 -assert expected <iframe#snap-midtrans>
to be visible

(xhr) POST 200 /charge

(xhr) POST 200 https://bam.nr-
data.net/events/1/NRJS-
609bfb9d259921642ae?
q=167684855&u=132&_id=991700199

```

- TC-B05

```

TC_B05.cys 00:05
9 -clear

10 get .cart-checkout

11 -click

12 get #snap-midtrans

13 -assert expected <iframe#snap-midtrans>
to be visible

(xhr) POST 200 /charge

(xhr) GET 200
https://app.sandbox.midtrans.com/snap/v1/
transactions/558a9c36-cb17-4e0e-8861-
666c6377b2dc

(xhr) POST 200 https://www.google-
analytics.com/j/collect?
v=1&_v=j99&a=1146229851&t=pageview&_s=16d1
=https%3A%2F%2Fapp.sandbox.midtrans.com%2F
snap%2Fv1%2Fpay%3Forigin_host%3Dhttps%3A%2

```

- TC-B06

```

TC_B06.cys 00:03
9 -clear

10 get .cart-checkout

11 -click

12 get #snap-midtrans

13 -assert expected <iframe#snap-midtrans>
to be visible

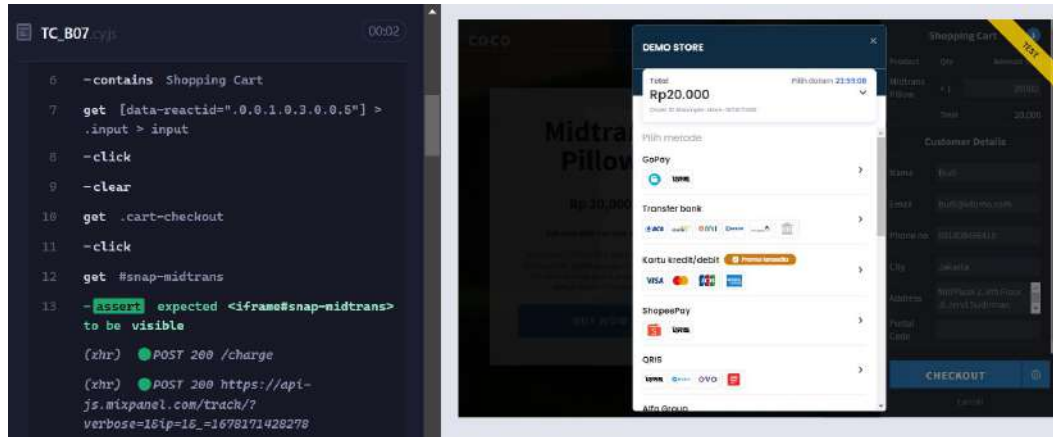
(xhr) POST 200 /charge

(xhr) GET 200
https://app.sandbox.midtrans.com/snap/v1/t
ransactions/c7755c4c-357a-4dd4-9f4c-
9f67b91ee393

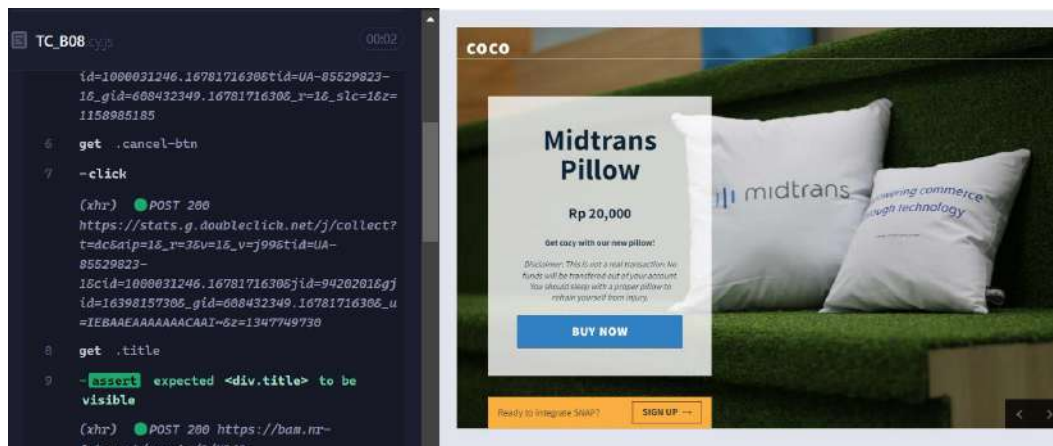
(xhr) POST 200 https://api-
js.mixpanel.com/track/?
verbose=1&ip=1&_id=1678171330872

```

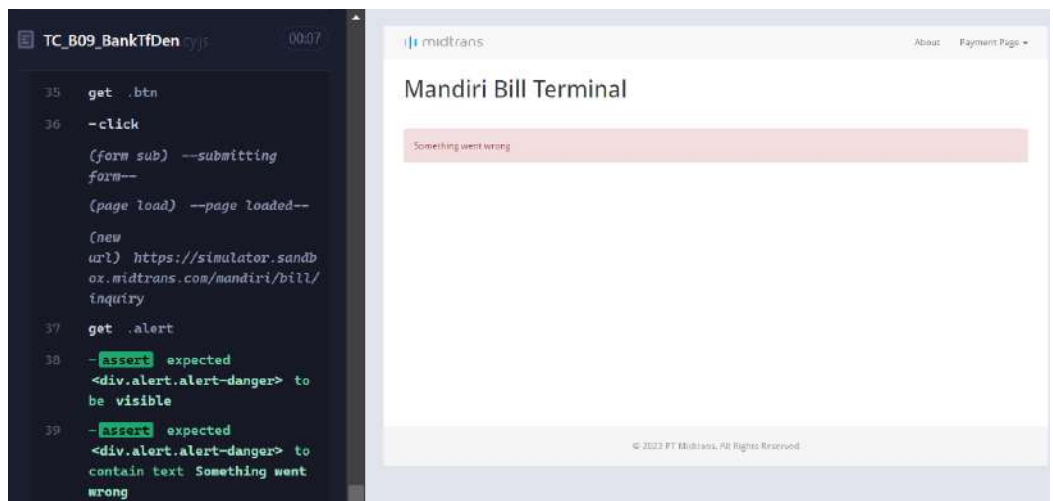
- TC-B07



- TC-B08



- TC-B09



TC_B09_BankTfOK cyjs 00:07

```
37 get .btn
38 -click
(form sub) --submitting
form--
(page load) --page loaded--
(new
url) https://simulator.sandb
ox.midtrans.com/mandiri/bill/
payment
39 get .alert
40 -assert expected
<div.alert.alert-success> to
be visible
41 -assert expected
<div.alert.alert-success> to
contain text Success
Transaction
```

midtrans About Payment Page

Mandiri Bill Terminal

Success Transaction

Reversal

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- TC-B10

TC_B10_IndomartDEN cyjs 00:05

```
28 get .btn
29 -click
(form sub) --submitting
form--
(page load) --page loaded--
(new
url) https://simulator.sandb
ox.midtrans.com/indomaret/inq
uiry
30 get .alert
31 -assert expected
<div.alert.alert-danger> to
be visible
32 -assert expected
<div.alert.alert-danger> to
contain text Something went
wrong
```

midtrans About Payment Page

Indomaret MidPlaza 2

Something went wrong

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TC_B10_IndomartOK cyjs 00:06

```
30 get .btn
31 -click
(form sub) --submitting
form--
(page load) --page loaded--
(new
url) https://simulator.sandb
ox.midtrans.com/indomaret/pay
ment
32 get .alert
33 -assert expected
<div.alert.alert-success> to
be visible
34 -assert expected
<div.alert.alert-success> to
contain text Success
Transaction
```

midtrans About Payment Page

Indomaret MidPlaza 2

Success Transaction

Reversal

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- TC-B11

TC_B11_CreditDebitDEN
00:08

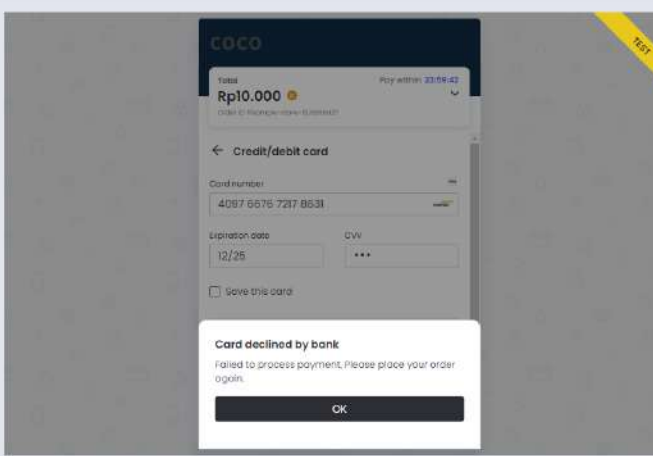
```

26  get #card-expiry
27  -click
28  -type 1225
29  get #card-cvv
30  -click
31  -type 123
32  get .btn
33  -click
34  get .cancel-modal-title
35  -assert expected
    <div.cancel-modal-title> to
    contain text Card declined by
    bank

(xhr) ● POST 200
https://app.sandbox.midtrans.
com/snap/v2/transactions/1776

```

TEST



TC_B11_CreditDebitOK
00:06

```

p.sandbox.midtrans.com/snap/v
3/redirection/c49f8028-217b-
4093-841a-fb4695978981

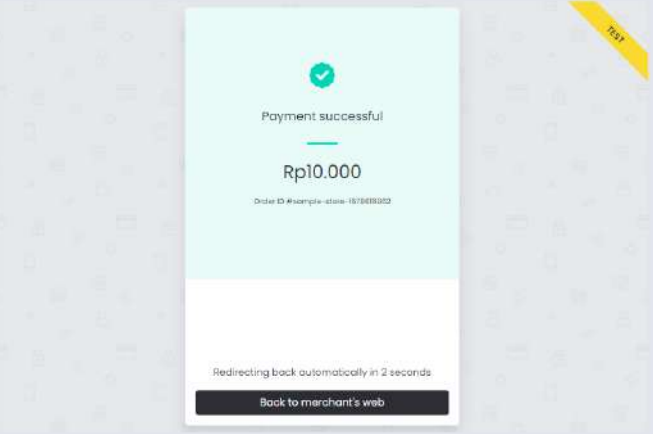
25  -type 4097661111111113}

(xhr) ● GET 200
https://api.sandbox.midtrans.
com/v1/bins/40976611

26  get #card-expiry
27  -click
28  -type 1225
29  get #card-cvv
30  -click
31  -type 123
32  get .btn
33  -click

```

TEST



- TC-B12

TC_B12_CreditDebitDEN
00:08

```

34  get .cancel-modal-title
35  -assert expected
    <div.cancel-modal-title> to
    contain text Card declined by
    bank

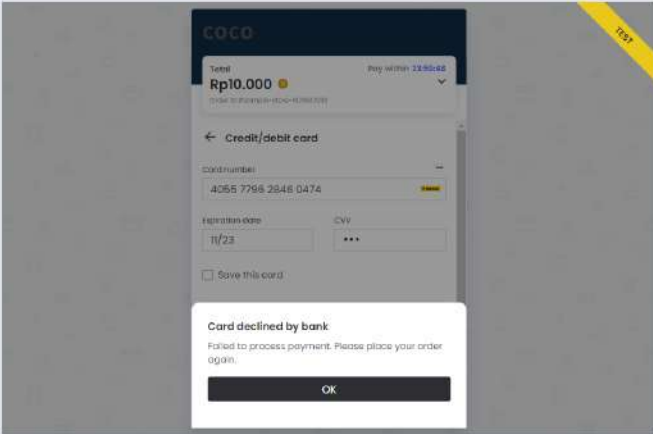
(xhr) ● POST 200
https://app.sandbox.midtrans.
com/snap/v2/transactions/3faf
a6a4-c1f5-4a39-955a-
511c898e7994/charge

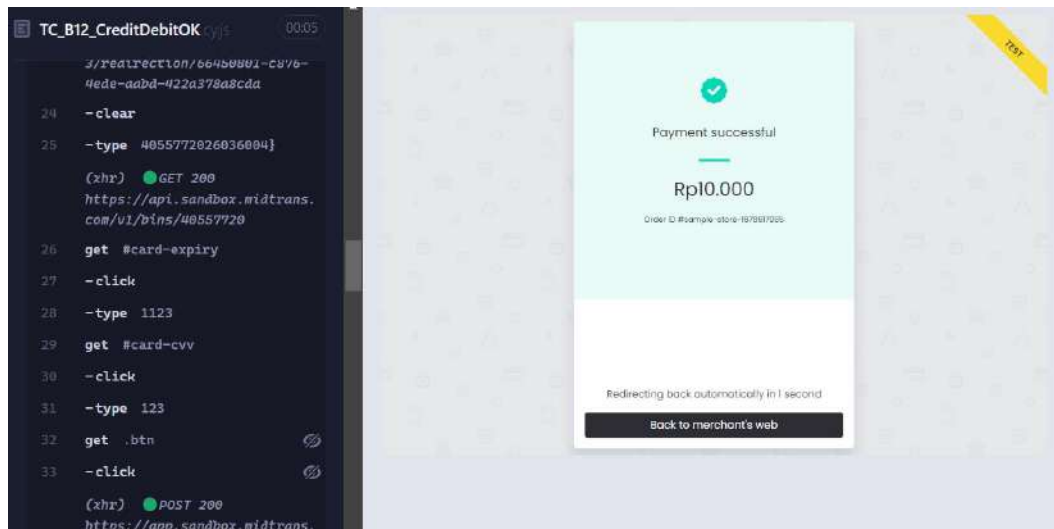
(xhr) ● GET 200
https://api.ipify.org/?
format=json

(xhr) ● GET 200
https://app.sandbox.midtrans.
com/snap/v1/transactions/3faf
a6a4-c1f5-4a39-955a-

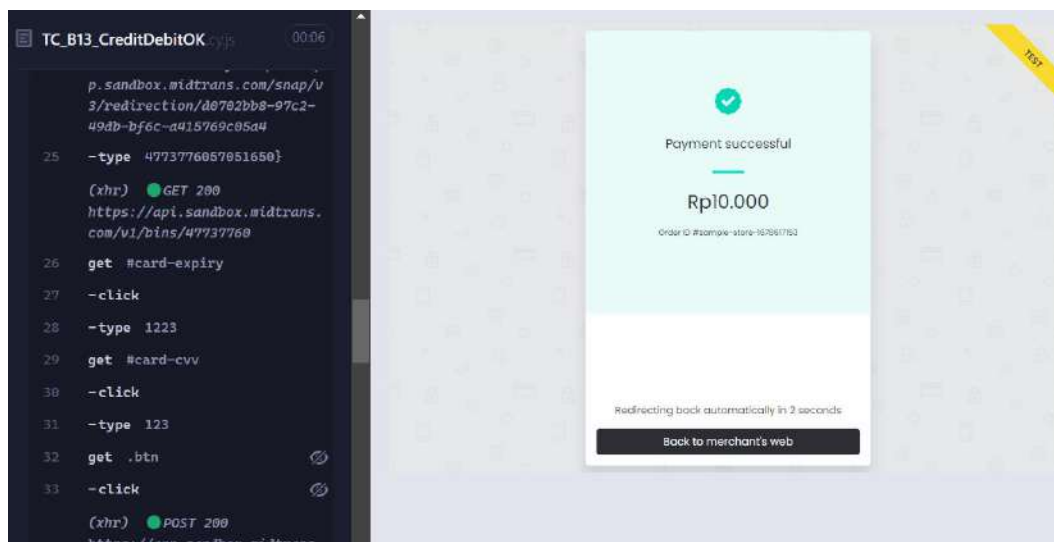
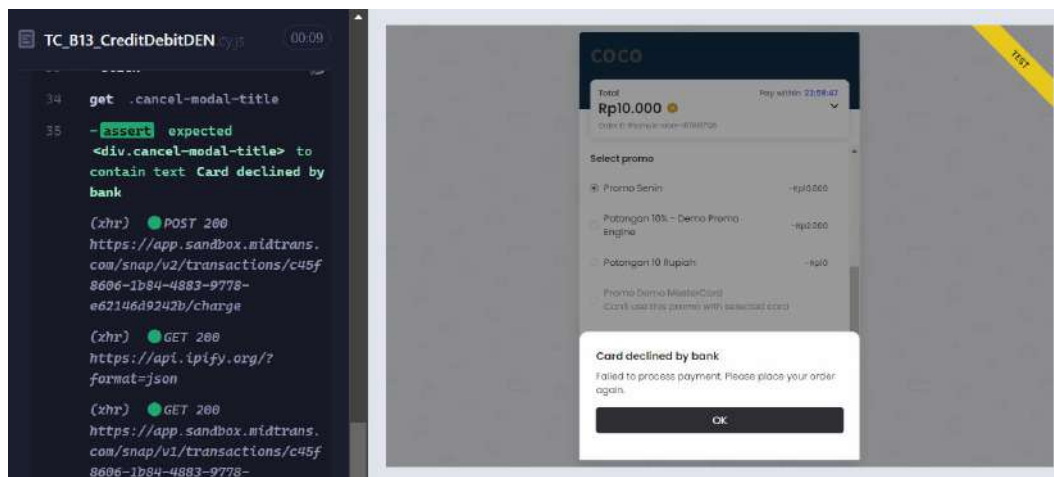
```

TEST



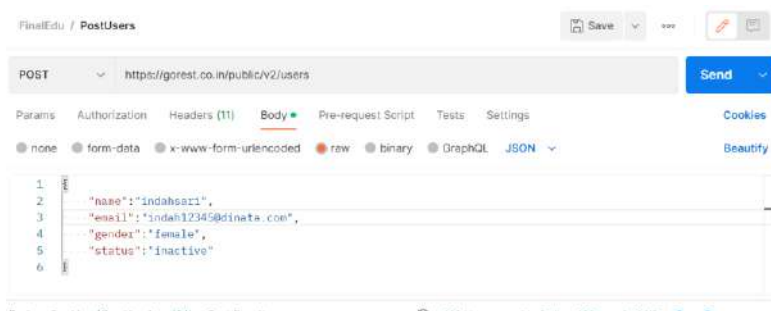


• TC-B13



4. API Automation Test

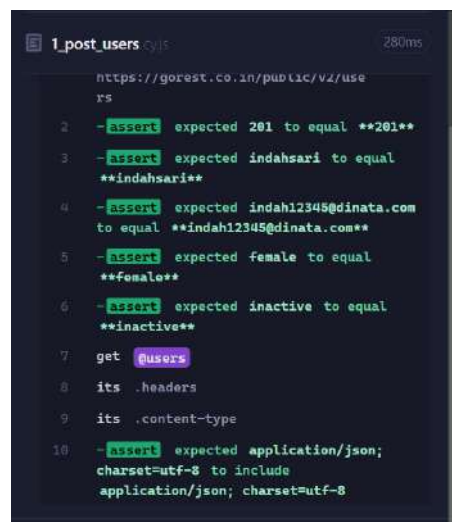
I. Post Users



```
describe("Post Api Create a new user", () => {

  it("Post Create User", () => {
    cy.request({
      method: "POST",
      url: "https://gorest.co.in/public/v2/users",
      headers: {
        Authorization:
          "Bearer 3ed02bf149ecc15b316a2b4a9937a9f7db5abf76096b0432bc94861d12789bee",
      },
      body: {
        name: "indahsari",
        email: "indah12345@dinata.com",
        gender: "female",
        status: "inactive",
      },
    })
  })
})
```

```
20 .as("users")
21 .then((res) => {
22   //ResStatus
23   expect(res.status).to.eq(201);
24   //ResBody
25   expect(res.body.name).to.eq("indahsari");
26   expect(res.body.email).to.eq("indah12345@dinata.com");
27   expect(res.body.gender).to.eq("female");
28   expect(res.body.status).to.eq("inactive");
29   //ResHeader
30   cy.get("@users")
31     .its("headers")
32     .its("content-type")
33     .should("include", "application/json; charset=utf-8");
34 });
35 });
36 });
```



II. Get Users

FinalEdu / GetUsers

GET https://gorest.co.in/public/v2/users/1139

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

```
1 pm.test("Status code is 200", function () {
2   pm.response.to.have.status(200);
3 });
4 pm.test("Body matches string", function () {
5   pm.expect(pm.response.text()).to.include("id");
6   pm.expect(pm.response.text()).to.include("name");
7   pm.expect(pm.response.text()).to.include("email");
8   pm.expect(pm.response.text()).to.include("gender");
9   pm.expect(pm.response.text()).to.include("status");
10 });
11 pm.test("Response time is less than 500ms", function () {
```

Test scripts are written in JavaScript, and are run after the response is received. Learn more about [test scripts](#).

Snippets

- Get an environment variable
- Get a global variable
- Get a variable

Body Cookies Headers (22) Test Results (3/3) 200 OK 123 ms 1.11 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 1139,
3   "name": "Ramesh Mahajan",
4   "email": "mahajan_ramesh@gottlieb-gleason.org",
5   "gender": "male",
6   "status": "inactive"
7 }
```

Body Cookies Headers (22) Test Results (3/3) 200 OK 123 ms 1.11 KB Save Response

KEY	VALUE
Date	Mon, 06 Mar 2023 05:10:42 GMT
Content-Type	application/json; charset=utf-8
Transfer-Encoding	chunked

Body Cookies Headers (22) Test Results (3/3) 200 OK 123 ms 1.11 KB Save Response

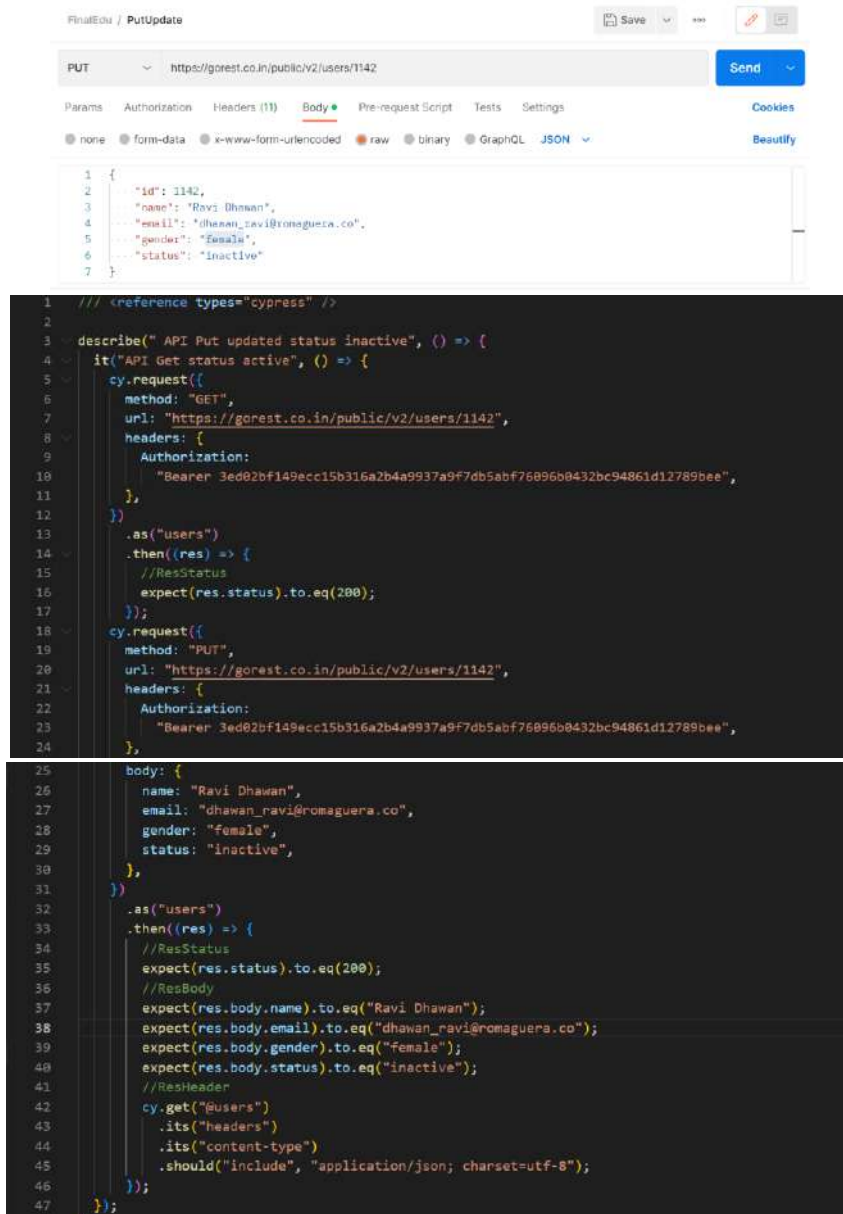
All Passed Skipped Failed

- PASS Status code is 200
- PASS Body matches string
- PASS Response time is less than 500ms

```
it("Get Users", () => {
  cy.request({
    method: "GET",
    url: "https://gorest.co.in/public/v2/users/1139",
    header: {
      Authorization: "Bearer" + accessToken,
    },
  })
  .as("users")
  .then((res) => {
    //ResStatus
    expect(res.status).to.eq(200);
    //ResBody
    expect(res.body.id).to.eq(1139);
    expect(res.body.name).to.eq("Ramesh Mahajan");
    expect(res.body.email).to.eq("mahajan_ramesh@gottlieb-gleason.org");
    expect(res.body.gender).to.eq("male");
    expect(res.body.status).to.eq("inactive");
    //ResHeader
    cy.get("@users")
      .its("headers")
      .its("content-type")
      .should("include", "application/json; charset=utf-8");
  });
});
```

```
2 -assert expected 200 to equal **200**
3 -assert expected 1139 to equal **1139**
4 -assert expected Ramesh Mahajan to equal **Ramesh Mahajan**
5 -assert expected mahajan_ramesh@gottlieb-gleason.org to equal **mahajan_ramesh@gottlieb-gleason.org**
6 -assert expected male to equal **male**
7 -assert expected inactive to equal **inactive**
8 get @users
9 its .headers
10 its .content-type
11 -assert expected application/json; charset=utf-8 to include application/json; charset=utf-8
```


III. Put Updated (status active → inactive)



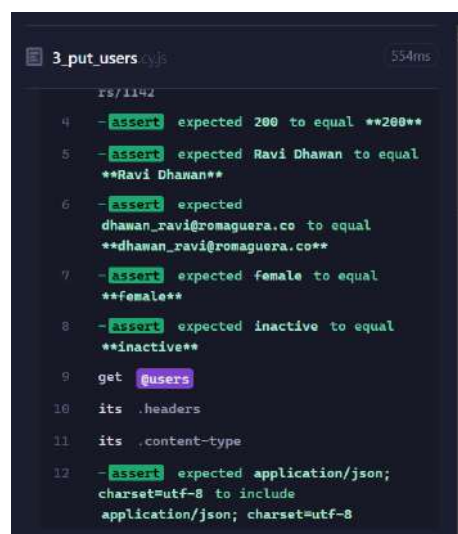
The image shows a Postman interface for a PUT request and a corresponding Cypress test script. The Postman interface is at the top, showing a PUT request to `https://gorest.co.in/public/v2/users/1142` with a JSON body. Below it, the Cypress test script is shown, which describes the API endpoint and includes assertions for the response status and body.

Postman PUT Request:

```
1 {
2   "id": 1142,
3   "name": "Ravi Dhawan",
4   "email": "dhawan_ravi@romaguera.co",
5   "gender": "Female",
6   "status": "inactive"
7 }
```

Cypress Test Script:

```
1  /// <reference types="cypress" />
2
3  describe(" API Put updated status inactive", () => {
4    it("API Get status active", () => {
5      cy.request({
6        method: "GET",
7        url: "https://gorest.co.in/public/v2/users/1142",
8        headers: {
9          Authorization:
10           "Bearer 3ed02bf149ecc15b316a2b4a9937a9f7db5abf76096b08432bc94861d12789bee",
11        },
12      })
13      .as("users")
14      .then((res) => {
15        //ResStatus
16        expect(res.status).to.eq(200);
17      });
18      cy.request({
19        method: "PUT",
20        url: "https://gorest.co.in/public/v2/users/1142",
21        headers: {
22          Authorization:
23           "Bearer 3ed02bf149ecc15b316a2b4a9937a9f7db5abf76096b08432bc94861d12789bee",
24        },
25        body: {
26          name: "Ravi Dhawan",
27          email: "dhawan_ravi@romaguera.co",
28          gender: "female",
29          status: "inactive",
30        },
31      })
32      .as("users")
33      .then((res) => {
34        //ResStatus
35        expect(res.status).to.eq(200);
36        //ResBody
37        expect(res.body.name).to.eq("Ravi Dhawan");
38        expect(res.body.email).to.eq("dhawan_ravi@romaguera.co");
39        expect(res.body.gender).to.eq("female");
40        expect(res.body.status).to.eq("inactive");
41        //ResHeader
42        cy.get("@users")
43          .its("headers")
44          .its("content-type")
45          .should("include", "application/json; charset=utf-8");
46      });
47    });
48  });
```

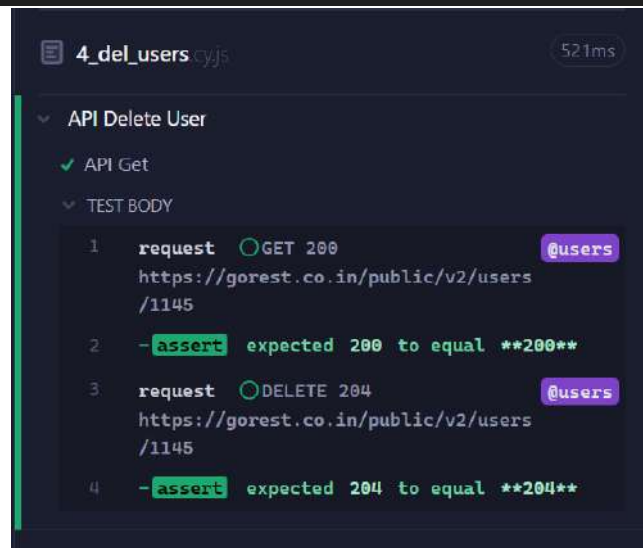


The image shows the Cypress test results for the PUT request. The test passed, and the assertions were successful. The results are displayed in a table format.

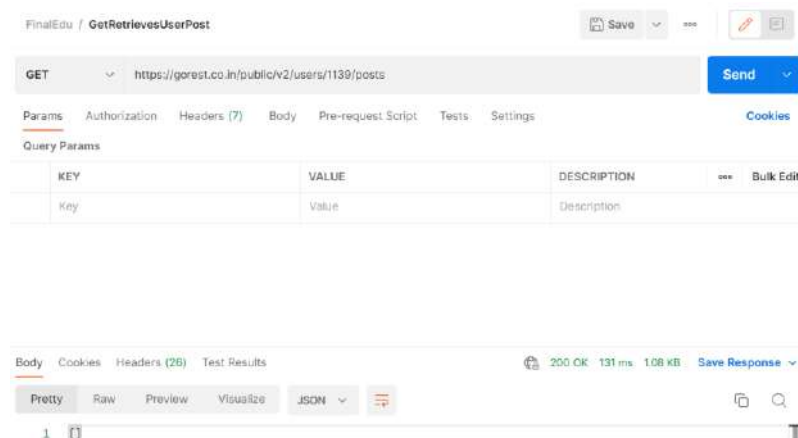
Test Step	Result
4 - Assert expected 200 to equal **200**	Pass
5 - Assert expected Ravi Dhawan to equal **Ravi Dhawan**	Pass
6 - Assert expected dhawan_ravi@romaguera.co to equal **dhawan_ravi@romaguera.co**	Pass
7 - Assert expected female to equal **female**	Pass
8 - Assert expected inactive to equal **inactive**	Pass
9 get @users	Pass
10 its .headers	Pass
11 its .content-type	Pass
12 - Assert expected application/json; charset=utf-8 to include application/json; charset=utf-8	Pass

IV. Delete User

```
1  /// <reference types="cypress" />
2
3  describe(" API Delete User", () => {
4    it("API Get ", () => {
5      cy.request({
6        method: "GET",
7        url: "https://gorest.co.in/public/v2/users/1145",
8        headers: {
9          Authorization:
10           "Bearer 3ed02bf149ecc15b316a2b4a9937a9f7db5abf76096b0432bc94861d12789bee",
11        },
12      })
13      .as("users")
14      .then((res) => {
15        //ResStatus
16        expect(res.status).to.eq(200);
17      });
18      cy.request({
19        method: "DELETE",
20        url: "https://gorest.co.in/public/v2/users/1145",
21        headers: {
22          Authorization:
23           "Bearer 3ed02bf149ecc15b316a2b4a9937a9f7db5abf76096b0432bc94861d12789bee",
24        },
25      })
26      .as("users")
27      .then((res) => {
28        //ResStatus
29        expect(res.status).to.eq(204);
30      });
31    });
32  });
```



V. Retrieves user posts



KEY	VALUE
Date	Mon, 06 Mar 2023 05:12:58 GMT
Content-Type	application/json; charset=utf-8
Transfer-Encoding	chunked

```

/// <reference types='cypress' />

describe("Get Api Retrieves user posts Test", () => {
  let accessToken =
    "ba3bd09b29513b0647d2ebf81992f9dab233fcc20f648f686d792a7e8a240845";
  it("Get Retrieves Users", () => {
    cy.request({
      method: "GET",
      url: "https://gorest.co.in/public/v2/users/1139/posts",
      header: {
        Authorization: "Bearer" + accessToken,
      },
    })
      .as("users")
      .then((res) => {
        //ResStatus
        expect(res.status).to.eq(200);
        //ResBody
        cy.get("@users").its("body").should("be.empty");

        //ResHeader
        cy.get("@users")
          .its("headers")
          .its("content-type")
          .should("include", "application/json; charset=utf-8");
      });
  });
});

```

```

5_get.RetrievesUserPost.cypress (310ms)
✓ Get Retrieves Users
  TEST BODY
  1 request GET 200
    https://gorest.co.in/public/v2/users/1139/posts
  2 -assert expected 200 to equal **200**
  3 get @users
  4 its .body
  5 -assert expected [] to be empty
  6 get @users
  7 its .headers
  8 its .content-type
  9 -assert expected application/json; charset=utf-8 to include application/json; charset=utf-8

```

VI. Retrieves post comments

FinalSdu / GetRetrievesUserComment

GET https://gorest.co.in/public/v2/posts/1139/comments Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION

Body Cookies (1) Headers (30) Test Results 200 OK 360 ms 198 KB Save Response

Pretty Raw Preview Viewcode JSON

```

1 [
2   {
3     "id": 1136,
4     "post_id": 1139,
5     "name": "Dr. Bhagwaan Ahluwalia",
6     "email": "ahluwalia_dr_bhagwaan@mcclure.name",
7     "body": "Omnis similique voluptate. Quos similique aut. Sed adipisci nulla. Sunt omnis id."
8   },
9   {
10    "id": 1134,
11    "post_id": 1139,
12    "name": "Hansini Verma",
13    "email": "hansini.verma@hand-kuebler.co",
14    "body": "Vel aut ea. Corrupti beatae ut. Quam minima nonquam."
15  }
16 ]

```

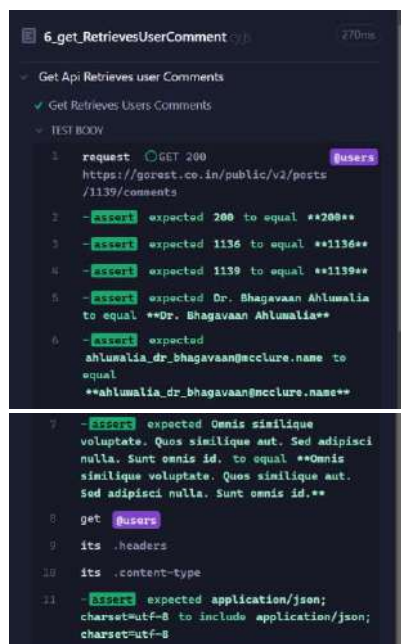
Body Cookies (1) Headers (30) Test Results 200 OK 360 ms 198 KB Save Response

KEY	VALUE
Date	Mon, 06 Mar 2023 05:39:57 GMT
Content-Type	application/json; charset=utf-8

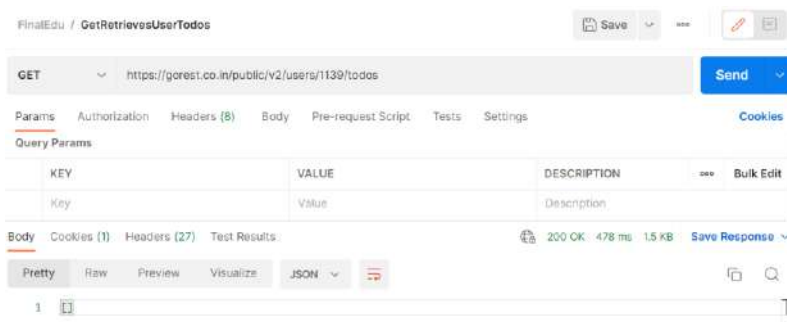
```

3 describe("Get Api Retrieves user Comments", () => {
4   let accessToken =
5     "ba3bd09b29513b0647d2ebf81992f9dab233fcc20f648f686d792a7e8a240845";
6   it("Get Retrieves Users Comments", () => {
7     cy.request({
8       method: "GET",
9       url: "https://gorest.co.in/public/v2/posts/1139/comments",
10      header: {
11        Authorization: "Bearer" + accessToken,
12      },
13    })
14    .as("users")
15    .then((res) => {
16      //ResStatus
17      expect(res.status).to.eq(200);
18      //ResBody
19      expect(res.body[0].id).to.eq(1136);
20      expect(res.body[0].post_id).to.eq(1139);
21      expect(res.body[0].name).to.eq("Dr. Bhagavaan Ahluwalia");
22      expect(res.body[0].email).to.eq("ahluwalia_dr_bhagavaan@mcclure.name");
23      expect(res.body[0].body).to.eq(
24        "Omnis similique voluptate. Quos similique aut. Sed adipisci nulla. Sunt omnis id."
25      );
26
27      //ResHeader
28      cy.get("@users")
29        .its("headers")
30        .its("content-type")
31        .should("include", "application/json; charset=utf-8");
32    });
33  });
34 });

```



VII. Retrieves user todos



KEY	VALUE
Date	Mon, 06 Mar 2023 06:36:01 GMT
Content-Type	application/json; charset=utf-8
Transfer-Encoding	chunked

```

1  /// <reference types="cypress" />
2
3  describe("Get Api Retrieves user Todos", () => {
4    let accessToken =
5      "ba3bd09b29513b0647d2ebf81992f9dab233fcc20f648f686d792a7e8a240845";
6    it("Get Retrieves Users Todos", () => {
7      cy.request({
8        method: "GET",
9        url: "https://gorest.co.in/public/v2/users/1139/todos",
10       header: {
11         Authorization: "Bearer" + accessToken,
12       },
13     })
14     .as("users")
15     .then((res) => {
16       //ResStatus
17       expect(res.status).to.eq(200);
18       //ResBody
19       cy.get("@users").its("body").should("be.empty");
20
21       //ResHeader
22       cy.get("@users")
23         .its("headers")
24         .its("content-type")
25         .should("include", "application/json; charset=utf-8");

```

7_get.RetrievesUserTodos.cys 244ms

✓ Get Retrieves Users Todos

TEST BODY

```

1  request GET 200 @users
   https://gorest.co.in/public/v2/users/1139/todos
2  -assert expected 200 to equal **200**
3  get @users
4  its .body
5  -assert expected [] to be empty
6  get @users
7  its .headers
8  its .content-type
9  -assert expected application/json; charset=utf-8 to include application/json; charset=utf-8

```

VIII. Create a User Posts

FinalEdu / PostUsersPosts

POST https://gorest.co.in/public/v2/users/1146/post Send

Params Authorization Headers (11) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```

1  {
2    "title": "test1",
3    "body": "just a test"
4  }
5

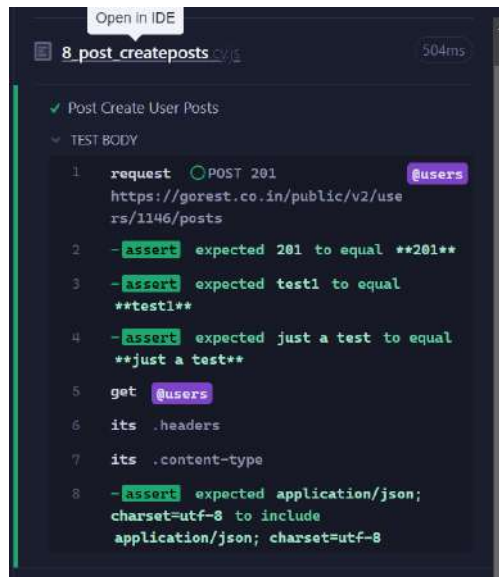
```

Response

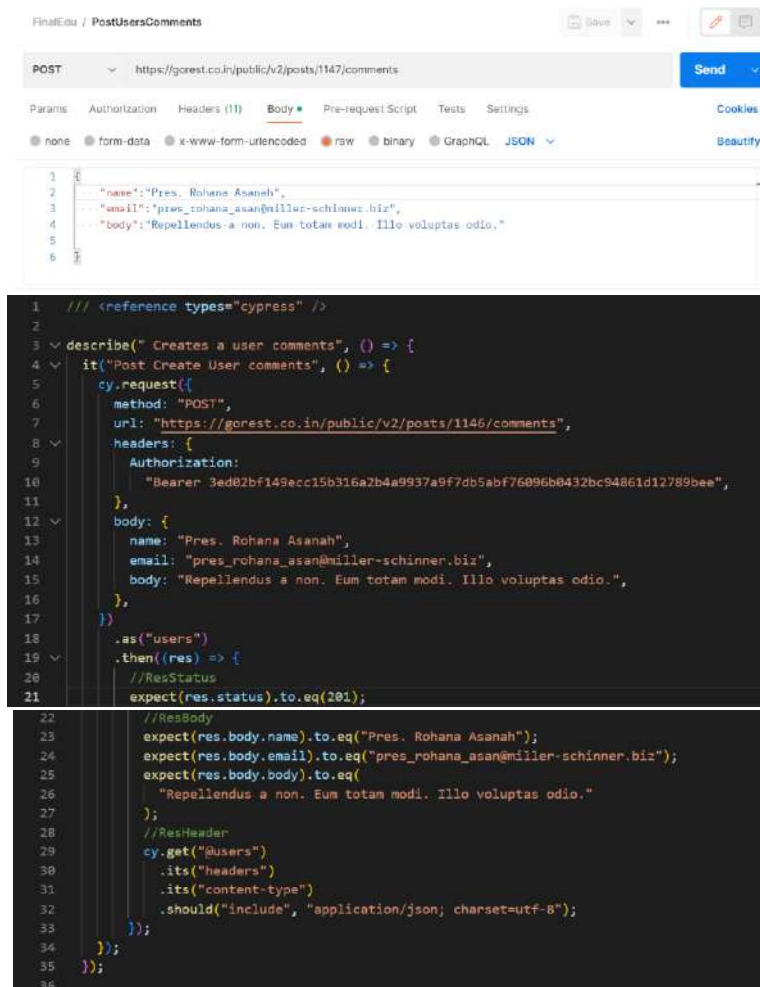
```

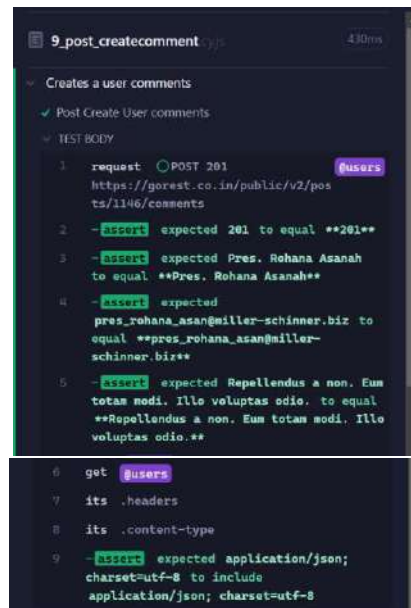
1  /// <reference types="cypress" />
2
3  describe("Creates a user post", () => {
4    it("Post Create User Posts", () => {
5      cy.request({
6        method: "POST",
7        url: "https://gorest.co.in/public/v2/users/1146/posts",
8        headers: {
9          Authorization:
10            "Bearer 3ed02bf149ecc15b316a2b4a9937a9f7db5abf76096b0432bc94861d12789bee",
11        },
12        body: {
13          title: "test1",
14          body: "just a test",
15        },
16      })
17      .as("users")
18      .then((res) => {
19        //ResStatus
20        expect(res.status).to.eq(201);
21        //ResBody
22        expect(res.body.title).to.eq("test1");
23        expect(res.body.body).to.eq("just a test");
24
25        //ResHeader
26        cy.get("@users")
27          .its("headers")
28          .its("content-type")
29          .should("include", "application/json; charset=utf-8");
30      });
31    });
32  });
33

```

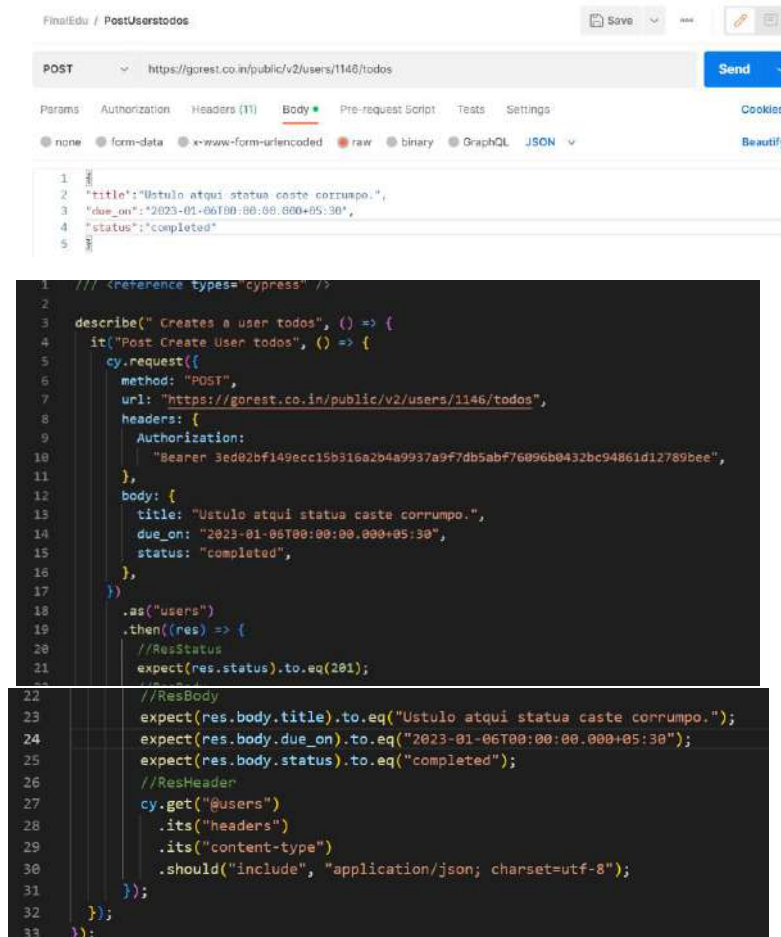



IX. Creates a post comment





X. Creates a user todo



```
10_post_createtodos.cypress 481ms

Creates a user todos
  ✓ Post Create User todos
    ✓ TEST BODY
      1 request POST 201 @users
        https://gorest.co.in/public/v2/users/1146/todos
      2 -assert expected 201 to equal **201**
      3 -assert expected Ustulo atqui statua caste corrumpo. to equal **Ustulo atqui statua caste corrumpo.**
      4 -assert expected 2023-01-06T00:00:00.000+05:30 to equal **2023-01-06T00:00:00.000+05:30**
      5 -assert expected completed to equal **completed**

      6 get @users
      7 its .headers
      8 its .content-type
      9 -assert expected application/json; charset=utf-8 to include application/json; charset=utf-8
```