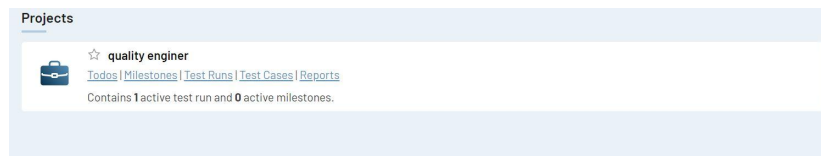


Gita Leoni Dwi Fripta
Kelas QE A

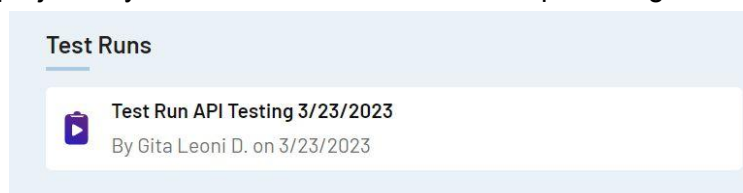
Soal API Testing

Buatlah test case untuk REST API berikut dengan menggunakan TestRail

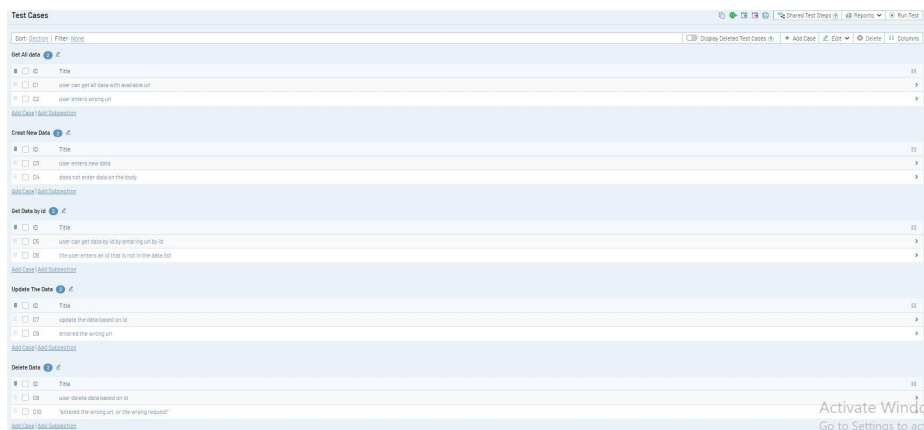
1. Membuat sebuah project pada test rail, saya membuat project quality engineer



2. Setelah membuat project saya membuat sebuah Test Run Api Testing.

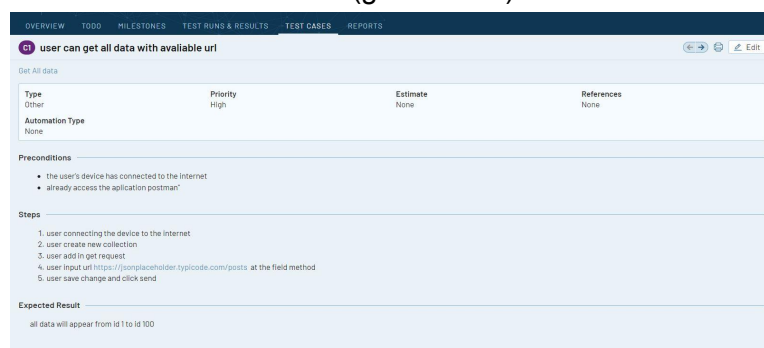


3. Setelah itu saya membuat add section yang di dalamnya berupa test case positif dan negatif. Ini adalah gambar dari semua test case yang saya buat. Ada 5 tes case positif dan 5 tes case negatif.



4. Setelah itu kita isi test case yang di dalamnya ada preconditions, steps, expected result dll. Ini merupakan test case positif semua dari scenario .

Case user can get all data with available url (get all data)



5. User enter new data (POST)

C3 user enters new data

Create New Data

Type	Other	Priority	High	Estimate	None	References	None
Automation Type	None						

Preconditions

- the user's device has connected to the internet
- already access the application postman

Steps

- user connecting the device to the internet
- user create new collection
- user add in post request
- user input url `https://jsonplaceholder.typicode.com/posts` at the field method
- user add data at the body
- user save change and click send

Expected Result

new data has been successfully created with id 101

6. User can get data by id by entering url by id (GET id 1)

C5 user can get data by id by entering url by id

Get Data by id

Type	Other	Priority	High	Estimate	None	References	None
Automation Type	None						

Preconditions

- the user's device has connected to the internet
- already access the application postman

Steps

- user connecting the device to the internet
- user create new collection
- user add in get request
- user input url `https://jsonplaceholder.typicode.com/posts/1` at the field method
- user save change and click send

Expected Result

data based on id 1 appears

7. Update the data based on id (PUT)

C7 update the data based on id

Update The Data

Type	Other	Priority	Medium	Estimate	None	References	None
Automation Type	None						

Preconditions

- the user's device has connected to the internet
- already access the application postman

Steps

- user connecting the device to the internet
- user create new collection
- user add in put request
- user input url `https://jsonplaceholder.typicode.com/posts/101` at the field method
- enter data in the body, and do the update
- user save change and click send

Expected Result

successfully update id data 1

8. User delete data based on id (DELETE)

C6

user delete data based on id

↩️ ⏏️ 📄 Edit

Delete Data

Type	Other	Priority	High	Estimate	None	References	None
Automation Type	None						

Preconditions

- the user's device has connected to the internet
- already access the application postman

Steps

- user connecting the device to the internet
- user create new collection
- user add in delete request
- user input url `https://jsonplaceholder.typicode.com/posts/101` at the field method
- enter data in the body
- user save change and click send

Expected Result

sukses delete data based on id

9. Setelah itu kita isi test case yang di dalamnya ada preconditions, steps, expected result dll. Ini merupakan test case negatif semua dari scenario .
User enter wrong url (GET)

C2

user enters wrong url

↩️ ⏏️ 📄 Edit

Get All data

Type	Other	Priority	High	Estimate	None	References	None
Automation Type	None						

Preconditions

- the user's device has connected to the internet
- already access the application postman

Steps

- user connecting the device to the internet
- user create new collection
- user add in get request
- user input url `https://jsonplaceholder.typicode.com/posts` at the field method
- user save change and click send

Expected Result

unable to display all data

10. Does not enter data on the body

C4

does not enter data on the body

↩️ ⏏️ 📄 Edit

Create New Data

Type	Other	Priority	High	Estimate	None	References	None
Automation Type	None						

Preconditions

- the user's device has connected to the internet
- already access the application postman

Steps

- user connecting the device to the internet
- user create new collection
- user add in post request
- user input url `https://jsonplaceholder.typicode.com/posts` at the field method
- user add data at the body
- user save change and click send

Expected Result

new id is created with no data

In section Create New Data.

Details

Tests & Results

Defects

History

People & Dates

Created

Gita Leoni Dwi

5/23/2023 12:35 PM

Updated

Gita Leoni Dwi

5/23/2023 1:10 PM

Activate Windows

Go to Settings to activate Windows.

11. The user enters an id that is not in the data list

the user enters an id that is not in the data list

Get Data by id

Type	Priority	Estimate	References
Other	High	None	None

Automation Type
None

Preconditions

1. the user's device has connected to the internet
2. already access the application postman

Steps

1. user connecting the device to the internet
2. user create new collection
3. user add in put request
4. user input url `https://jsonplaceholder.typicode.com/posts/1` at the field method
5. user save change and click send

Expected Result

not displaying data with desired id
and showing 404 response

12. Entered the wrong url

entered the wrong url

Update The Data

Type	Priority	Estimate	References
Other	Medium	None	None

Automation Type
None

Preconditions

- the user's device has connected to the internet
- already access the application postman

Steps

1. user connecting the device to the internet
2. user create new collection
3. user add in put request
4. user input url `https://jsonplaceholder.typicode.com/posts` at the field method
5. enter data in the body, and do the update
5. user save change and click send

Expected Result

updated data does not appear
and gives a 404 response

In section Update The Data.

Details

Tests & Results

Defects

History

People & Dates

Created	Gita Leoni Del
	3/23/2023 1:23 PM
Updated	Gita Leoni Del
	3/23/2023 1:24 PM

Activate Windows
Go to Settings to activate Windows

13. Entered the wrong url, or the wrong request

entered the wrong url, or the wrong request

Delete Data

Type	Priority	Estimate	References
Other	High	None	None

Automation Type
None

Preconditions

1. the user's device has connected to the internet
2. already access the application postman

Steps

1. user connecting the device to the internet
2. user create new collection
3. user add in delete request
4. user input url `https://jsonplaceholder.typicode.com/posts/` at the field method
5. enter data in the body
5. user save change and click send

Expected Result

data cannot be deleted if the
url or request is wrong

In section Delete Data.

Details

Tests & Results

Defects

History

People & Dates

Created	Gita Leoni Del
	3/23/2023 1:39 PM
Updated	Gita Leoni Del
	3/23/2023 1:47 PM

Activate Windows
Go to Settings to activate Windows

14. Setelah semua case telah diisi selanjutnya kita ke test run untuk mengubah status dan memberi bukti jika sudah di uji. Ini adalah semua case positif dan negatif yang telah diuji.

Get All data				
ID	Title	Assigned To	Status	
T1	user can get all data with available url	Gita Leoni D.	Passed	>
T2	user enters wrong url	Gita Leoni D.	Failed	>
Create New Data				
ID	Title	Assigned To	Status	
T3	user enters new data	Gita Leoni D.	Passed	>
T4	does not enter data on the body	Gita Leoni D.	Failed	>
Get Data by id				
ID	Title	Assigned To	Status	
T5	user can get data by id by entering url by id	Gita Leoni D.	Passed	>
T6	the user enters an id that is not in the data list	Gita Leoni D.	Failed	>
Update The Data				
ID	Title	Assigned To	Status	
T7	update the data based on id	Gita Leoni D.	Passed	>
T8	entered the wrong url	Gita Leoni D.	Failed	>
Delete Data				
ID	Title	Assigned To	Status	
T9	user delete data based on id	Gita Leoni D.	Passed	>
T10	entered the wrong url or the wrong request?	Gita Leoni D.	Failed	>

15. Ini adalah contoh dari isi status passed atau failed.

RESULTS & COMMENTS1

HISTORY & CONTEXT2

DEFECTS3

Passed

3/23/2023 2:22 PM Gita Leoni D.

Assigned To
Gita Leoni D.

telah dilakukan testing pada untuk menampilkan semua data

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16. Ini adalah gambar dari hasil test run dari 10 case yang terdapat positif dan negatif.

