UI:

Low impact

1. User can create warrior with blank names.

Steps:

1. Open chrome and goto https://responsivefight.herokuapp.com/ site.

2. Once the user lands on the home page.

3. Create a warrior by entering only spaces.

Issue: user is created with blank spaces

Expected: Blank user name shouldn't be allowed.

Low impact

2. User can create warrior with the same names.

Steps:

1. Open chrome and goto https://responsivefight.herokuapp.com/ site.

2. Once the user lands on the home page.

3. Create a warrior by entering the name "user\_10".

4. Repeat step 3 after refreshing the page.

Issue: user is created with same name

Expected: Valid message like "user with <name> is already present".

Low impact

3. There should be separate buttons for guest and new user on the home page of https://responsivefight.herokuapp.com/ site

Steps:

1. Open chrome and goto https://responsivefight.herokuapp.com/ site.

2. Once the user lands on the home page.

Enhancement: Should have two buttons one for guest and other for new user

4. After the user closes the modal "You have taken the public bus" user should be taken to the home page.

Steps:

1. Open chrome and goto https://responsivefight.herokuapp.com/ site.

2. Once the user lands on the home page.

3. Create a warrior by entering the name "user\_10".

4. Select "Take a bus"

5. Now once the modal "You have taken the public bus" is displayed >> Close it

Issue: Observe that the user lands on the inside bus page.

Expected: user should be taken back to home page or the modal shouldn't be allowed to close.

High impact

5. Refreshing the page in the middle of the journey impacts its behaviour.

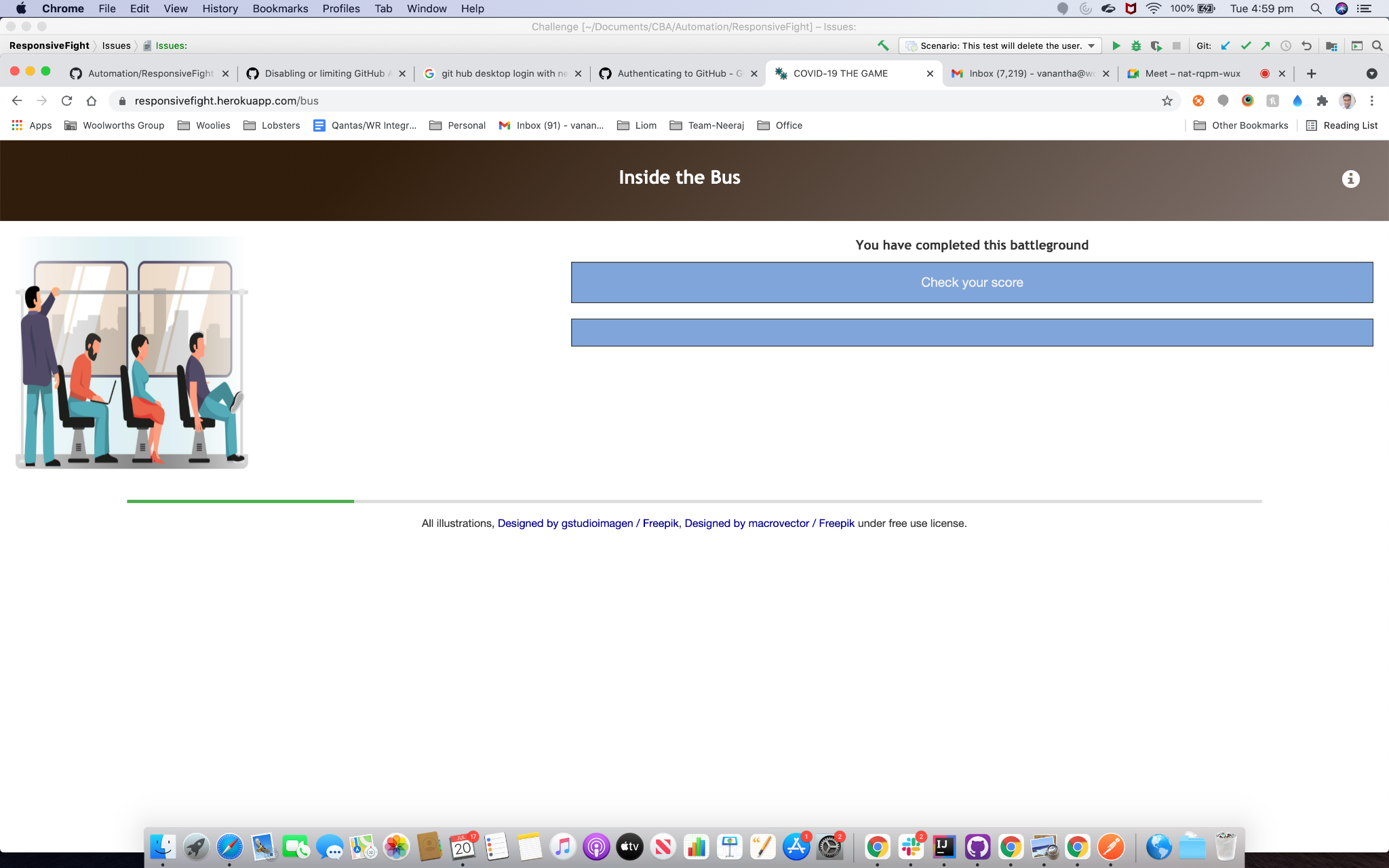
Steps:

1. Open chrome and goto https://responsivefight.herokuapp.com/ site.

2. take any challenge.

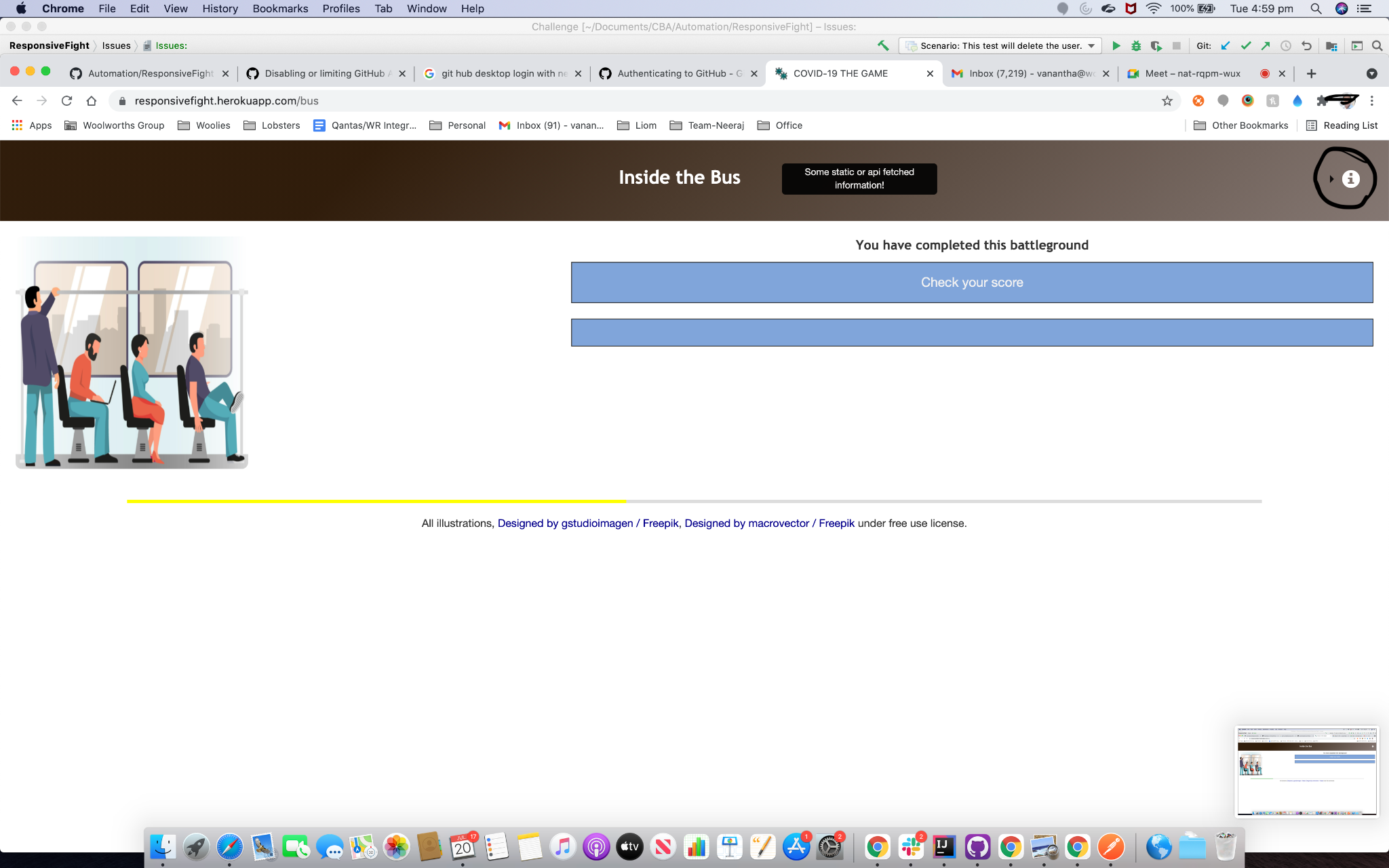
3. Once the challenge is in progress >> refresh the page

Issue: Observe that the page starts showing different labels to buttons. Sometimes button names are also missing.Please check the below attachment.



Low Impact:

Issue: Information link doesn’t work in the bus page. Please see the below attachment for more information. Check the message displayed highlighted in black. This message is displayed when the user click on the information icon on the right top corner.

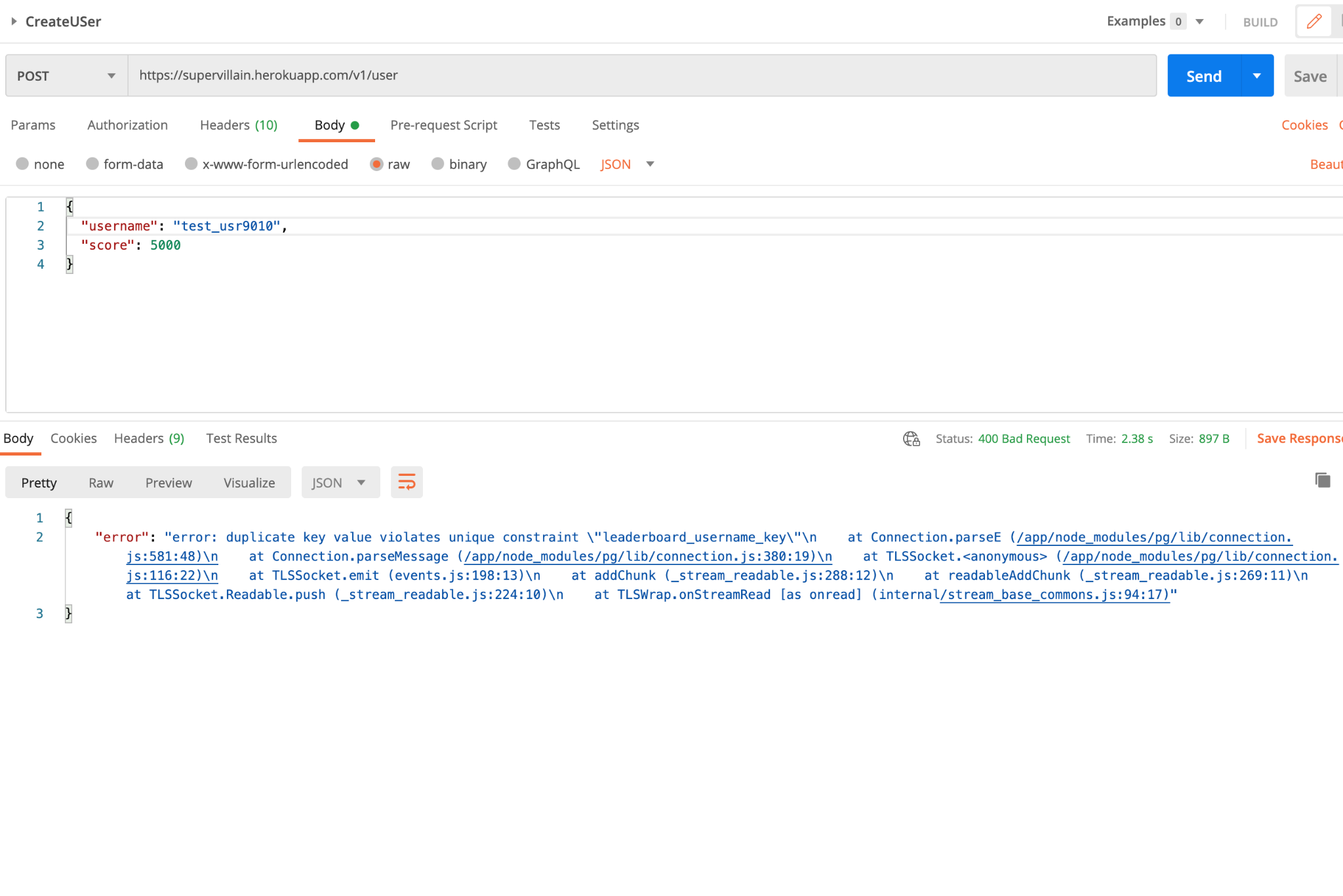


API Issues:

Issue: Create user api:

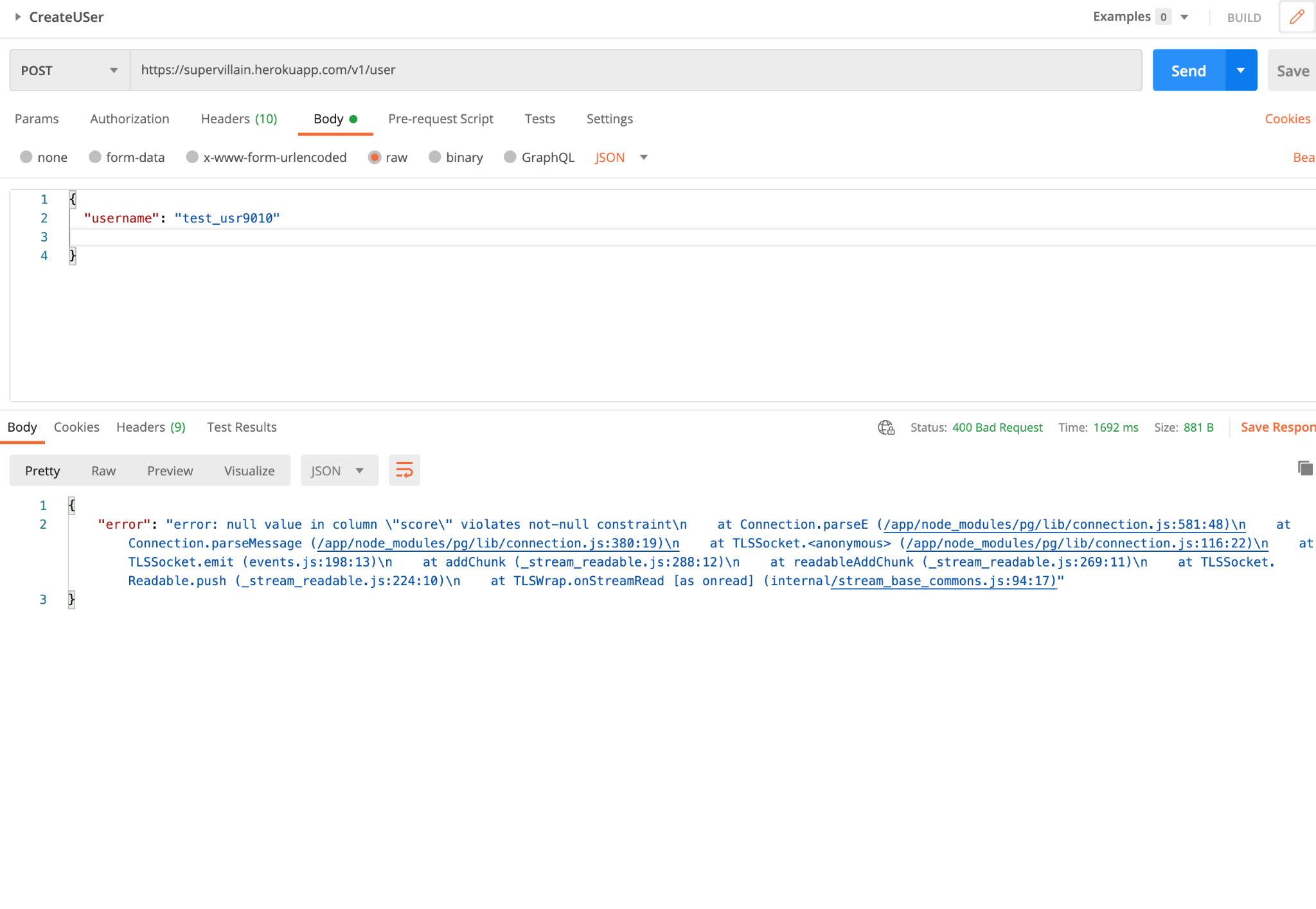
1. User readable responses should be displayed when trying to create duplicate user.

Issue: Low



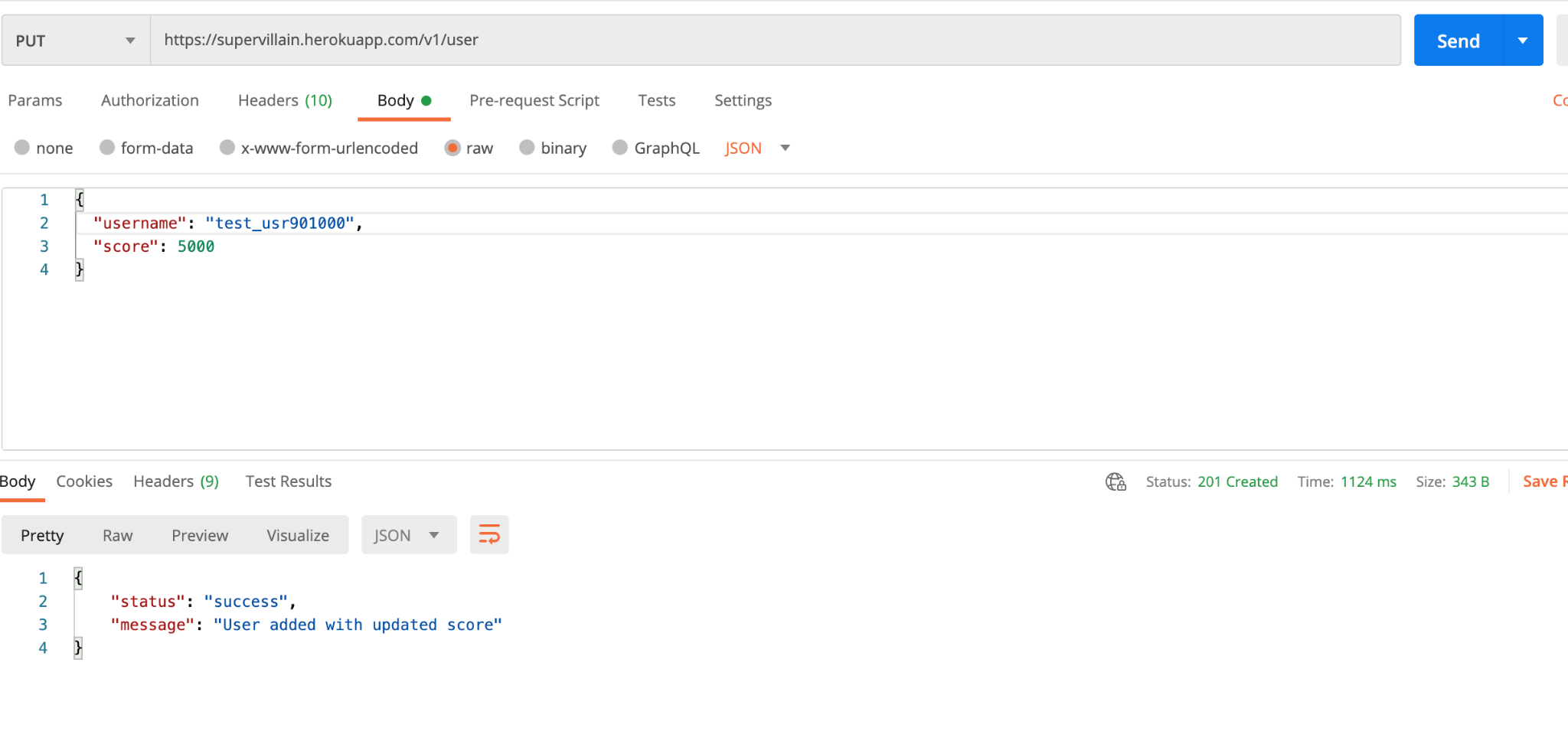
Issue: Low

1. User readable responses should be displayed when trying to create user with invaid body data:



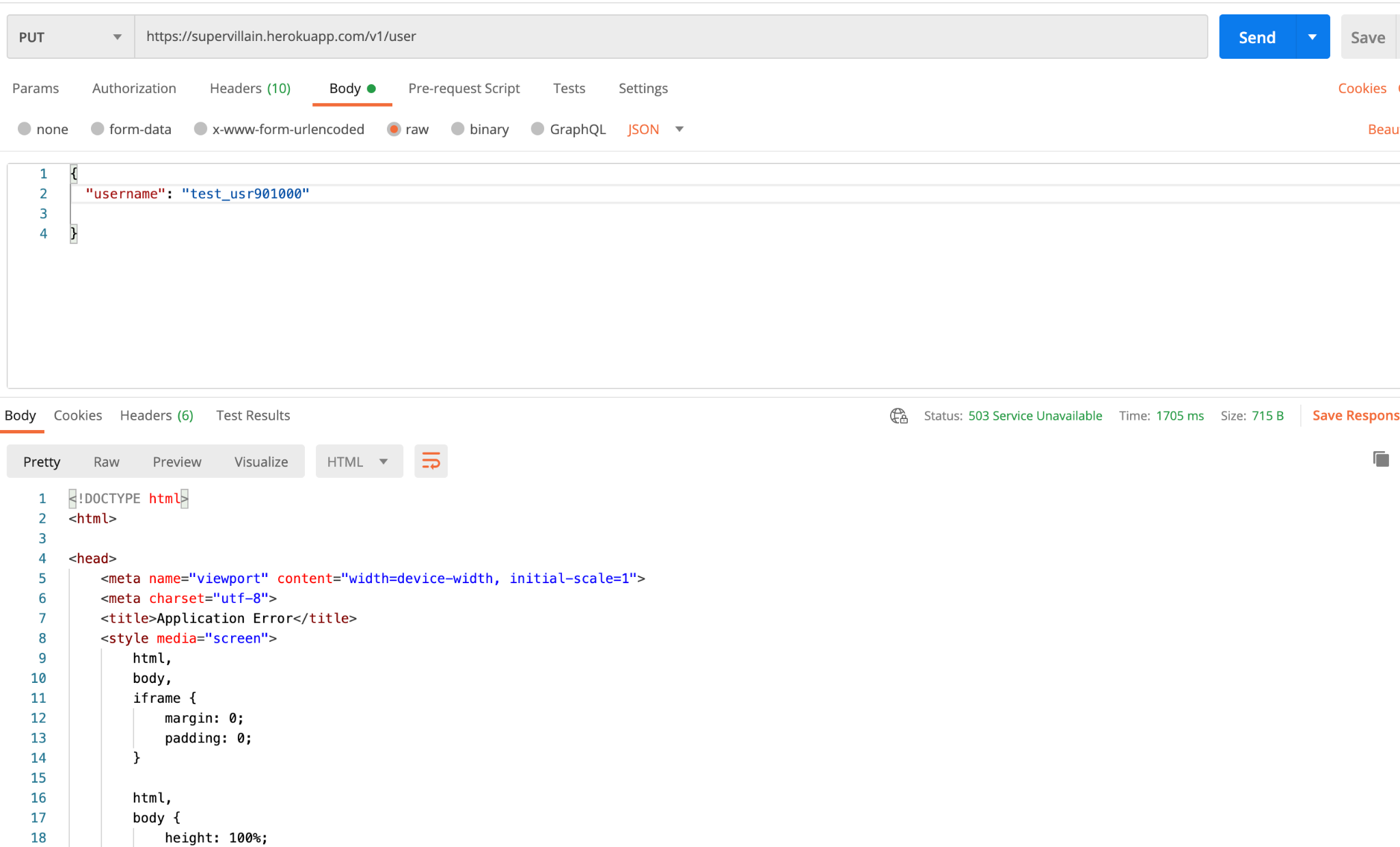
Impact high:

Issue No 3: The functionality of put is to update existing users. If the user is not present, the new user shouldn’t get created. Currently put creates a new user is he doesn’t exist.



Impact high:

Issue No 4: 503 error is displayed on using wrong/invalid body for put api.



**Security Issues:**

1. There is no password protection. Also authorisation is missing.
2. User data is not encrypted. Newly created user and the points needs to be sent in encrypted form.
3. User can navigate to any page using direct path traversal and continue his journey from there. For e.g.
   1. <https://responsivefight.herokuapp.com/bus>
   2. <https://responsivefight.herokuapp.com/leaderboard>
   3. <https://responsivefight.herokuapp.com/covid>
4. There is insufficient or no protection from attack. Currently user can keep on creating users. This shouldn’t be allowed since such attacks don’t allow other users to use the system.
5. No implementation of user access controls. Currently the user has rights to perform all the operations.