ElectroGate

SOFTWARE TESTING REPORT

Title: Electronics Home Service Solutions

Github link: https://github.com/ankitiiitian/ElectroGate-Home-Service-Solutions-

Overview:

The purpose of this web application is to connect client and service care through a virtual platform without being present physically.

Our motive is to provide home service solutions to electronics problem 24*7 when clients can't reach out physically, especially in current pandemic scenarios.

This platform is to make our lives more fulfilling to solve our electronics problem. It enables users to find any service professional related to electronics problem.

Testing:

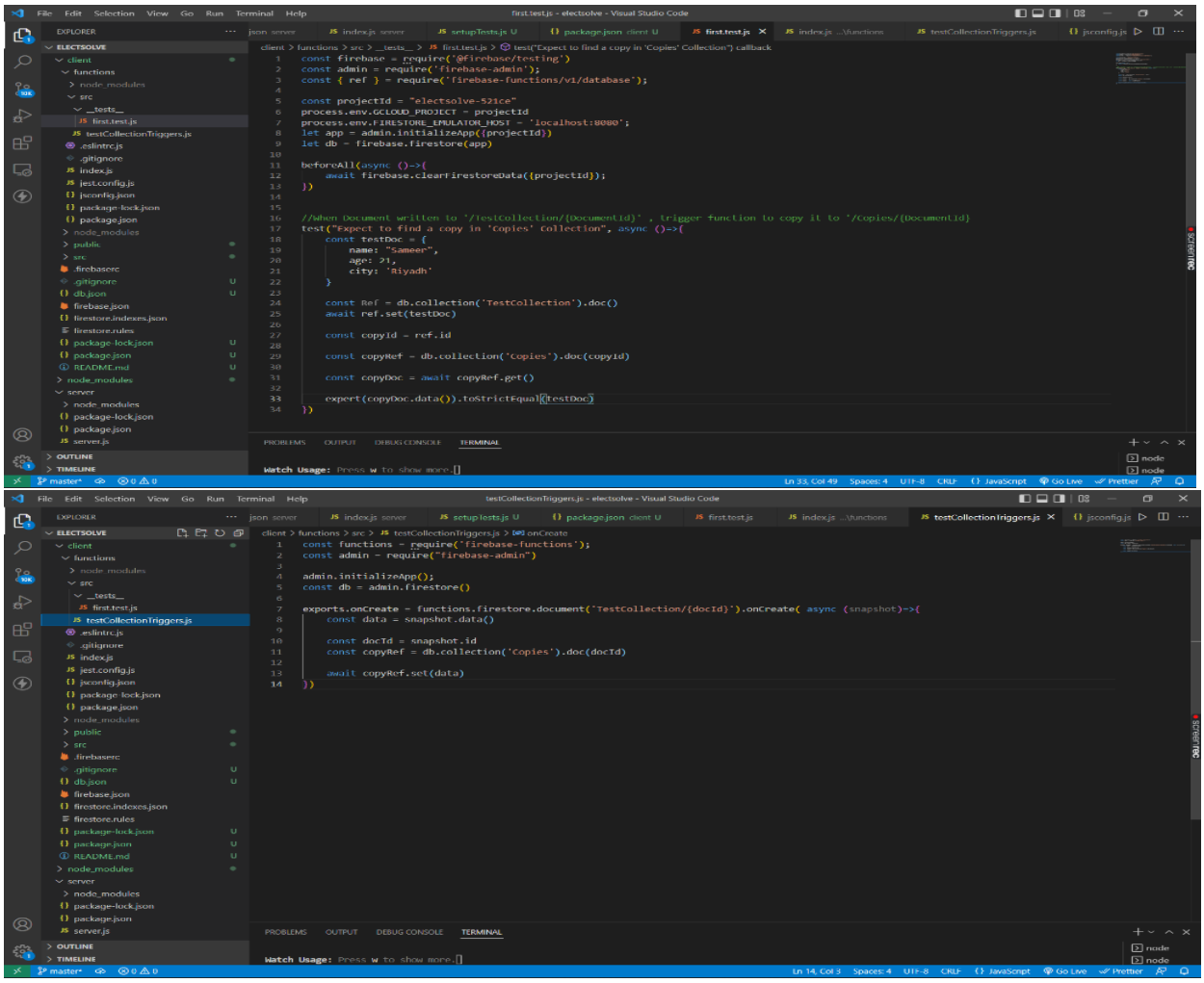
Unit test:

1.Registration as Professional:

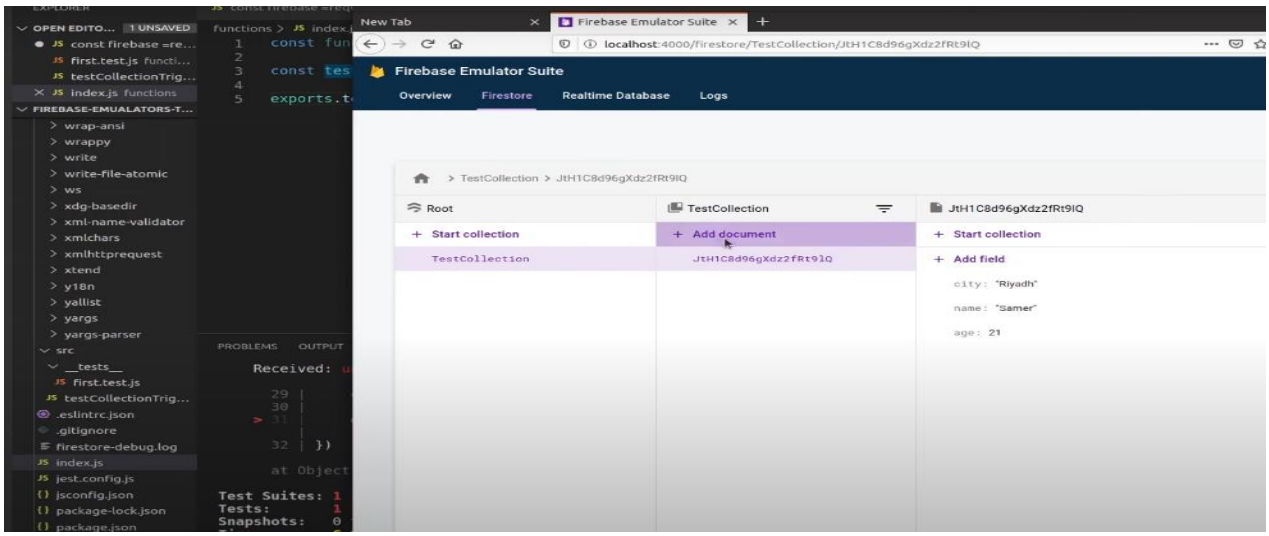
In firebase we should test the labels for all the fields, because even though we haven't explicitly specified most of them, we have a design that says what these values should be. If we don't test the values, then we don't know that the field labels have their intended values.

Snippet: Two codes there, one for first.test.js which have sample input and second for testCollectionTriggers.js

ElectroGate



Output: This one is output of firebase Cloud Firestore where we can store all data for register as professional.



ElectroGate

Black-Box Testing:

Black Box Testing is a software testing method in which the functionalities of software applications are tested without having knowledge of internal code structure, implementation details and internal paths. Black Box Testing mainly focuses on input and output of software applications and it is entirely based on software requirements and specifications. It is also known as Behavioural Testing.

- Two test accounts were created to test the flow of entire web application.

From Users-End:

1.Sign-Up:

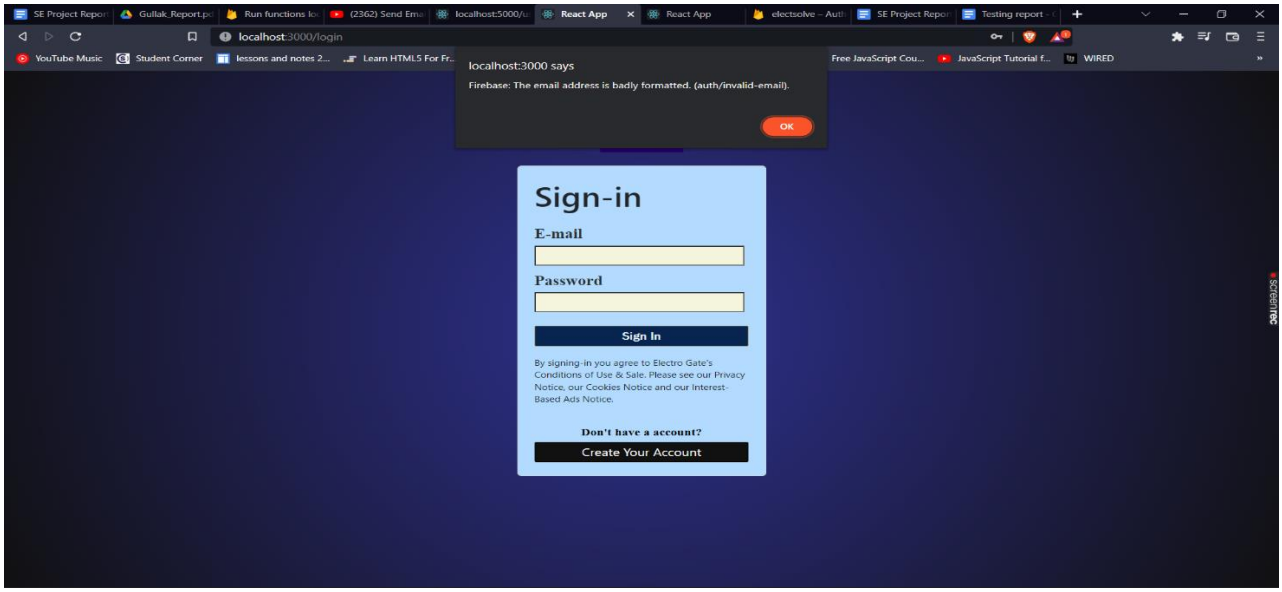
Test-Cases:

1.1 When all field left empty and press “Create new Account”.

Expectations: It will show error message.

Result: Passed.

Screen Shots/Logs:

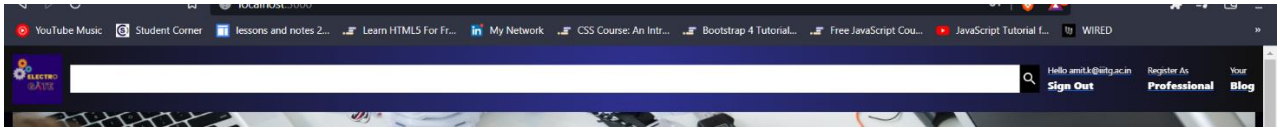


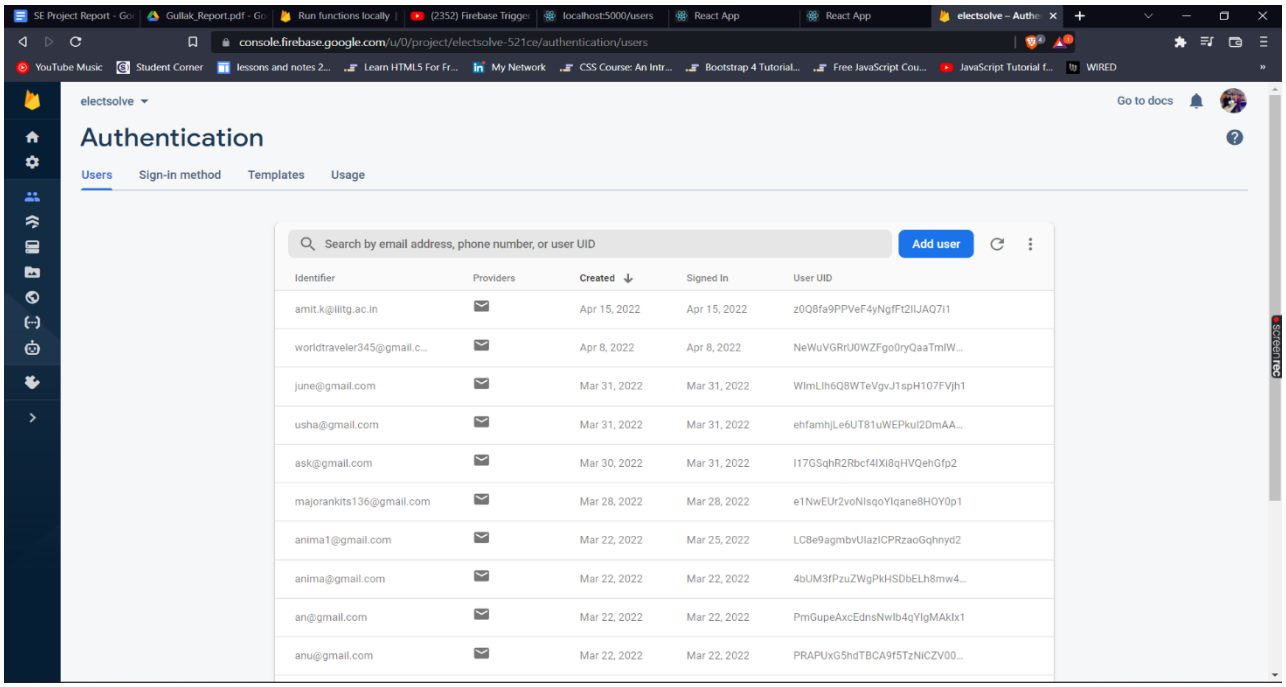
1.2 When all field filled correctly and press “Create new Account”.

Expectations: It will open Home-page and show your email in place of Hello Guest.

Result: Passed.

Screen Shots/Logs:



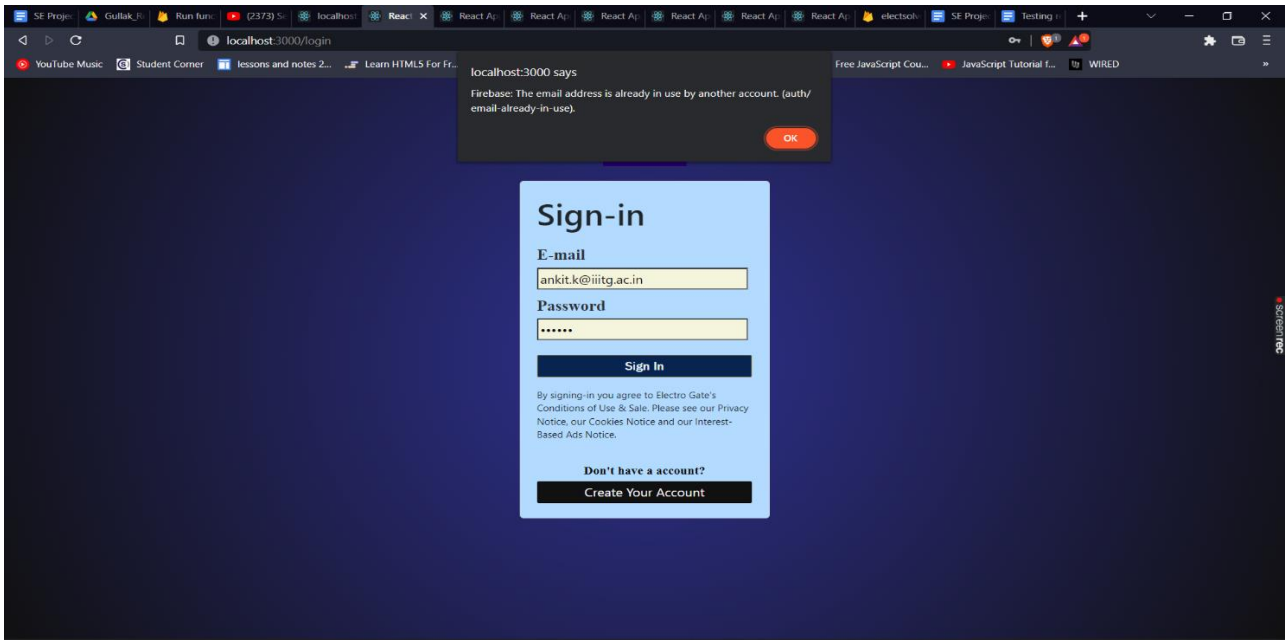


1.3 When already register user using sign up.

Expectations: It will show error message.

Result: Passed.

Screen Shots/Logs:



2.Sign-In:

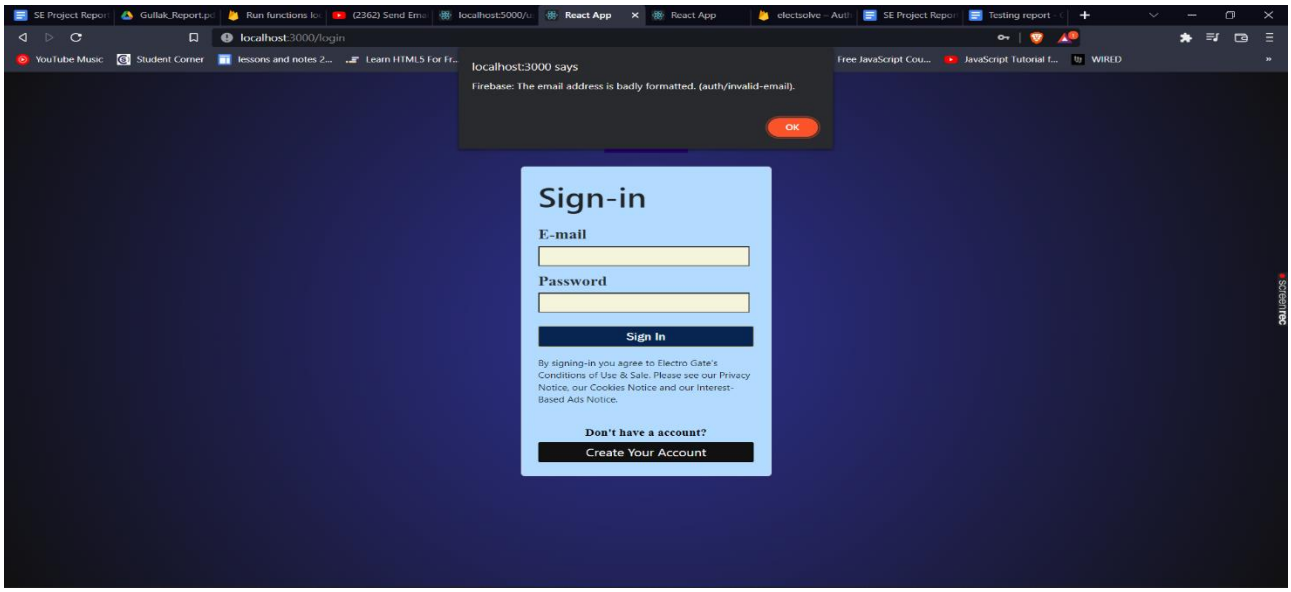
Test-Cases:

2.1 When all field left empty and press “Sign-in”.

Expectations: It will show error message.

Result: Passed.

Screen Shots/Logs:

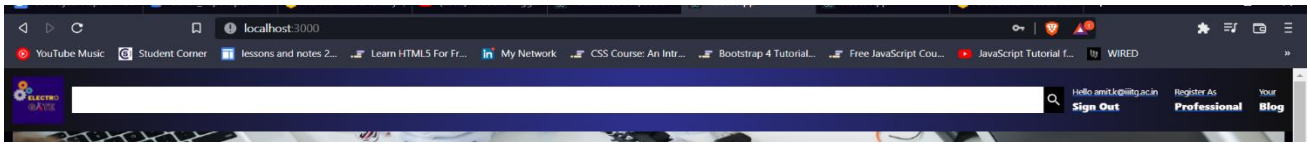


2.2 When all field filled correctly and press “Sign-in”.

Expectations: It will open Home-page and show your email in place of Hello Guest.

Result: Passed.

Screen Shots/Logs:

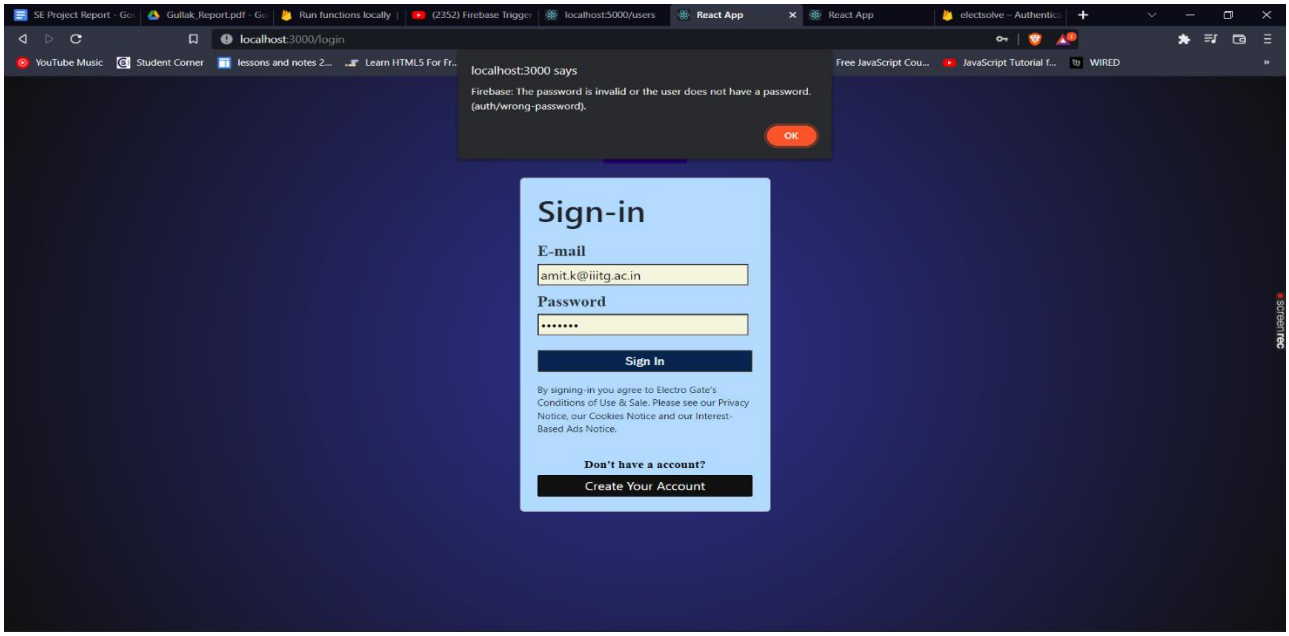


2.3 When you fill password wrong and press “Sign-in”.

Expectations: It will show error message.

Result: Passed.

Screen Shots/Logs:

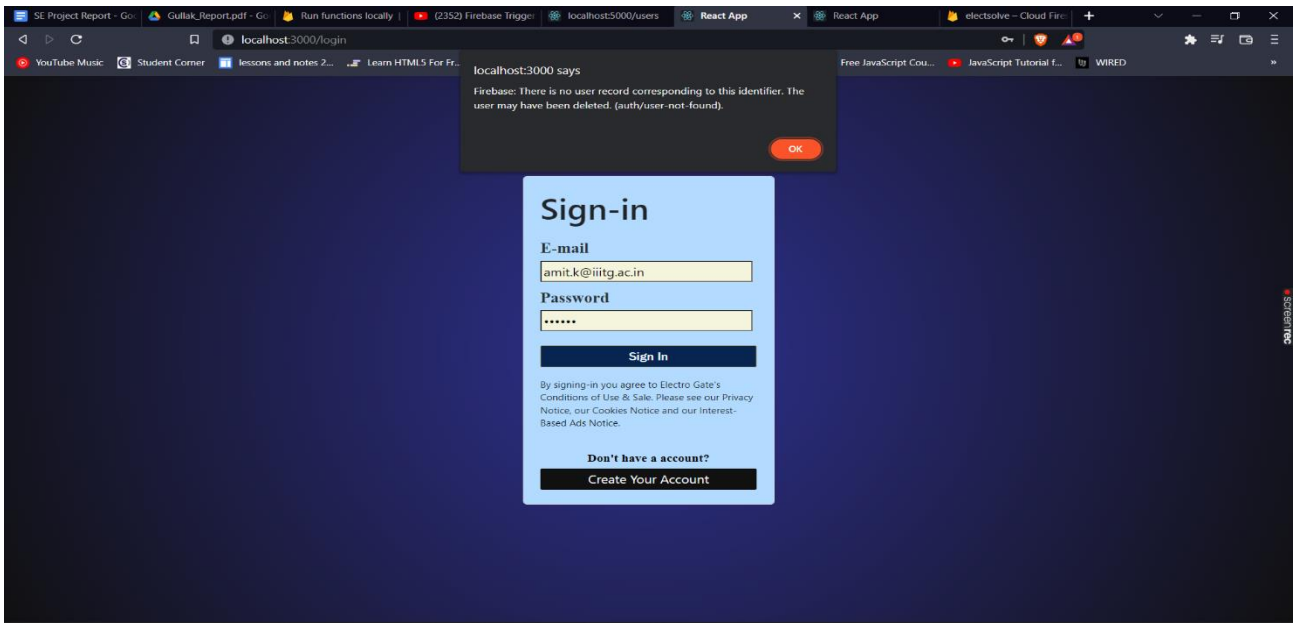


2.4 When you fill new user Email and press “Sign-in”.

Expectations: It will show error message.

Result: Passed.

Screen Shots/Logs:



3. Register as Professional:

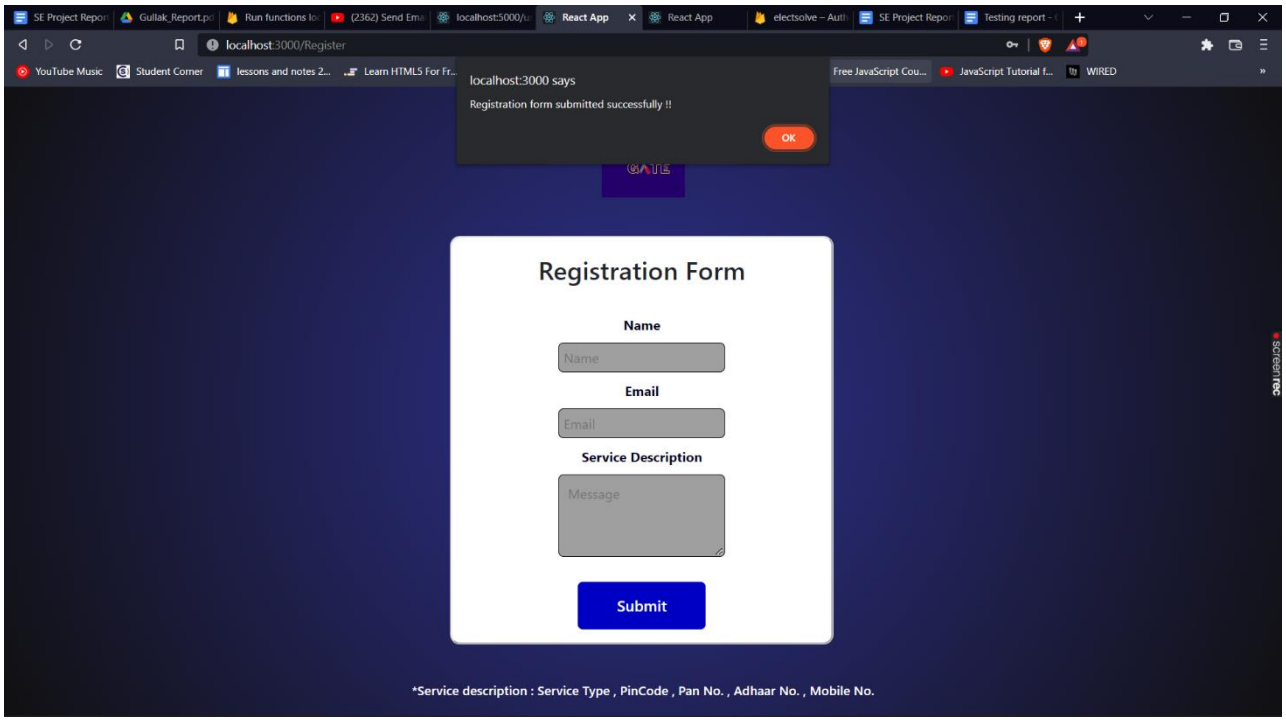
Test-Cases:

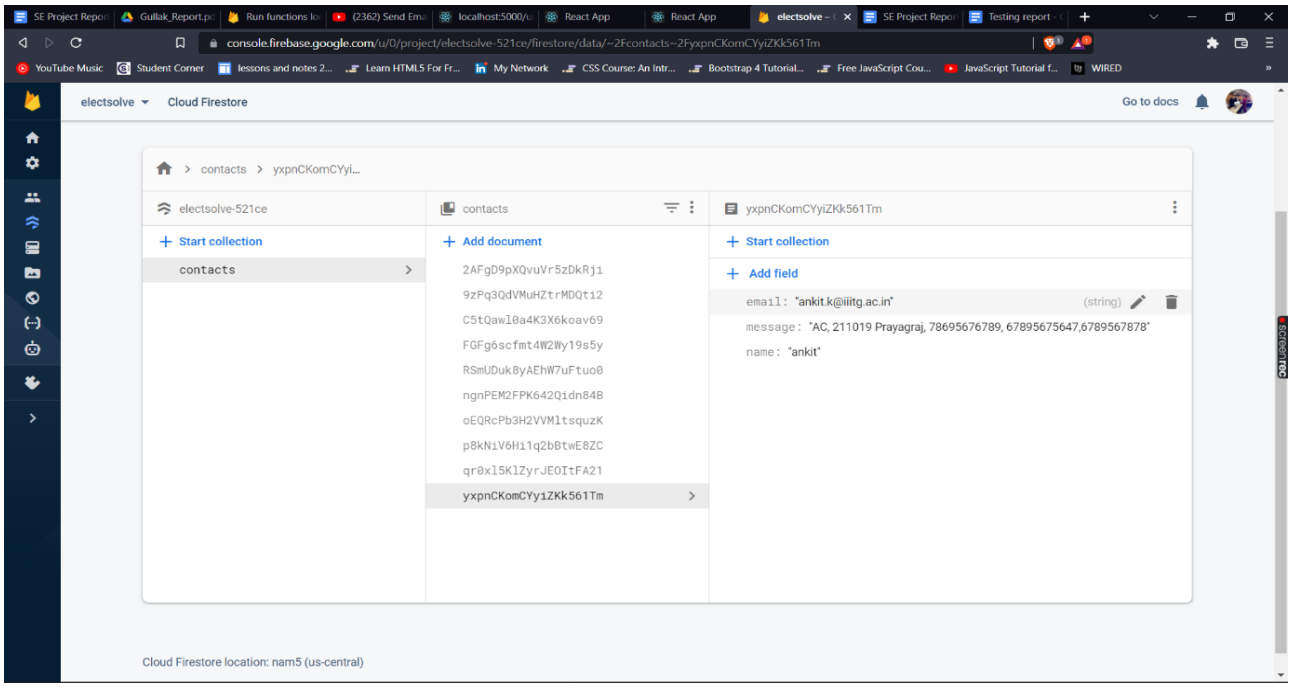
3.1 When you fill all field and then press “Submit”.

Expectations: It will show successful submitted message and store information in Database.

Result: Passed.

Screen Shots/Logs:



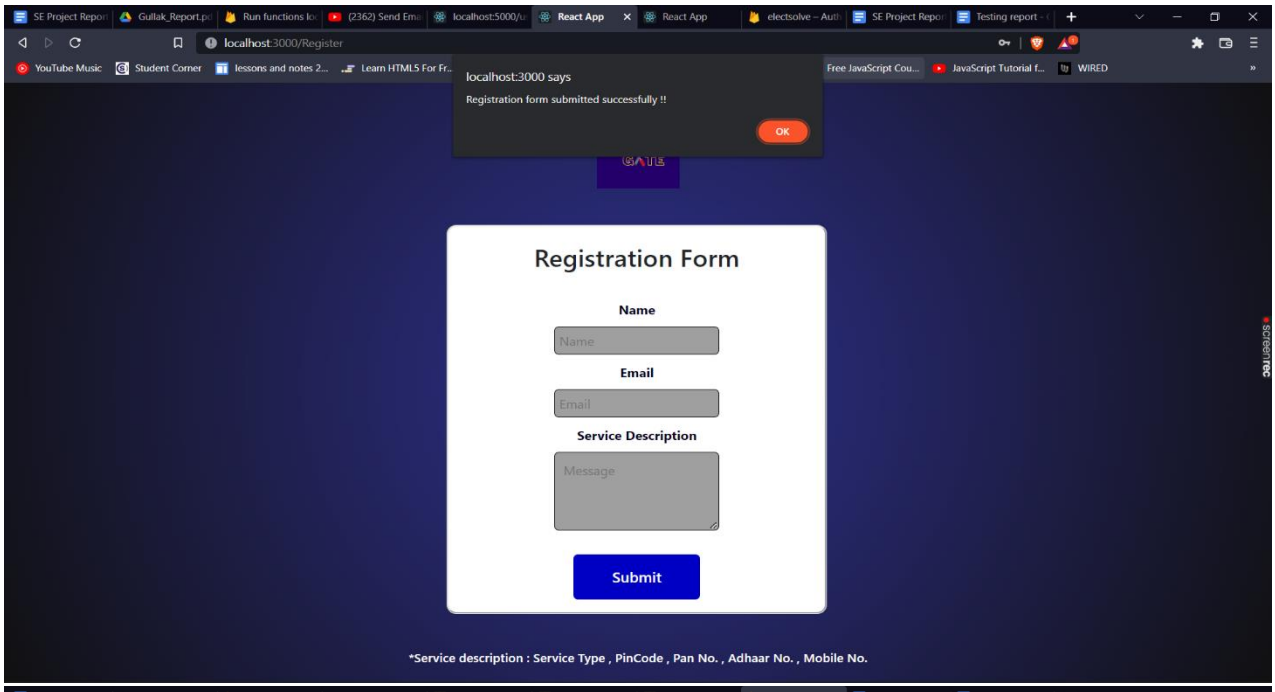


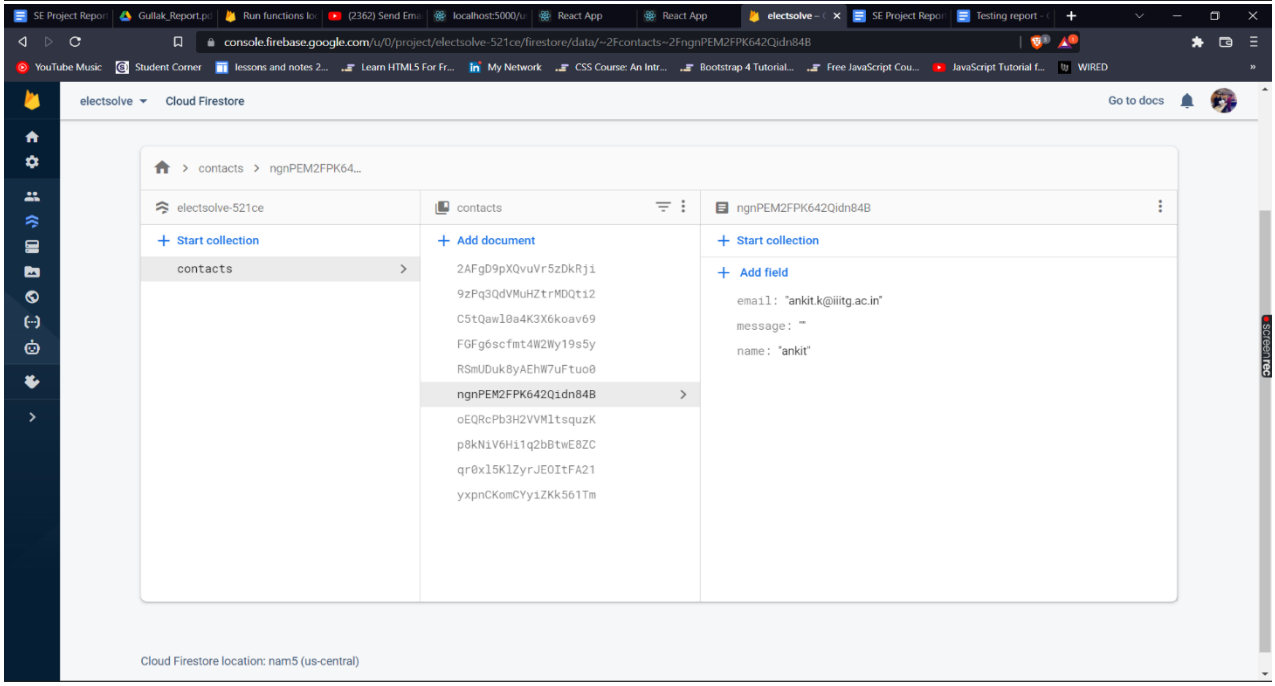
3.2 When you do not fill all fields and then press “Submit”.

Expectations: It will show successful submitted message and store information in Database.

Result: Passed.

Screen Shots/Logs:





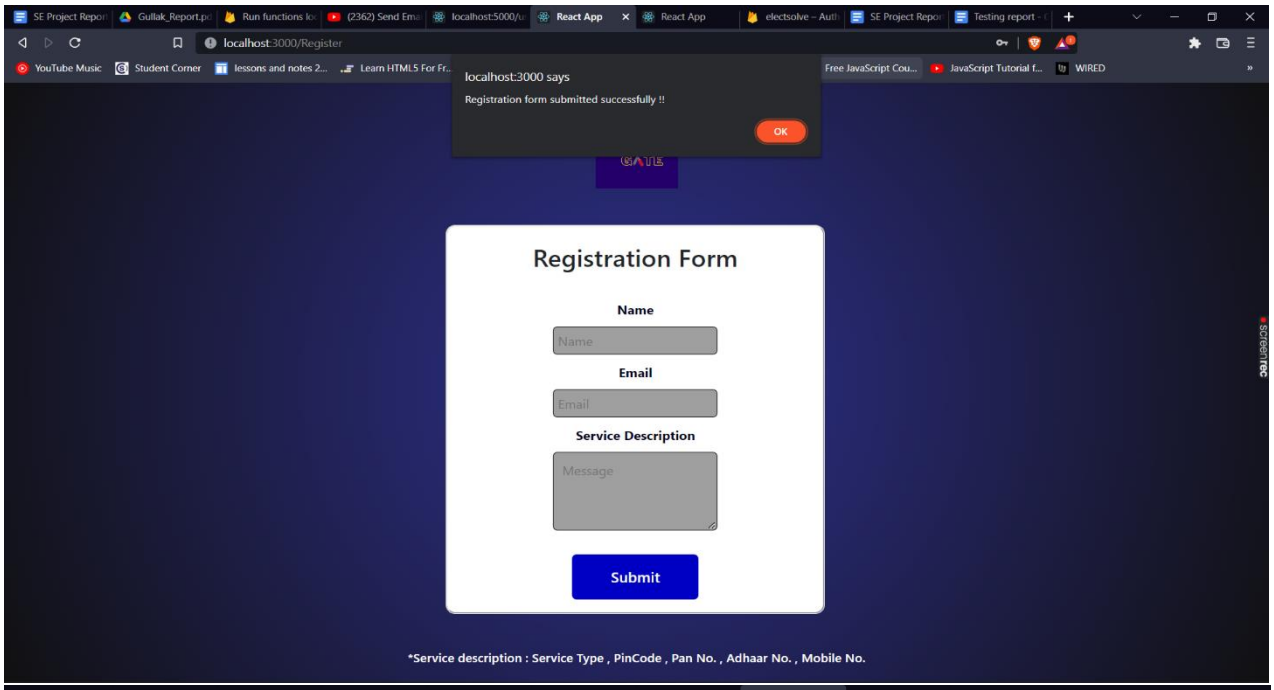
3.3 When you do not fill any of field and then press “Submit”.

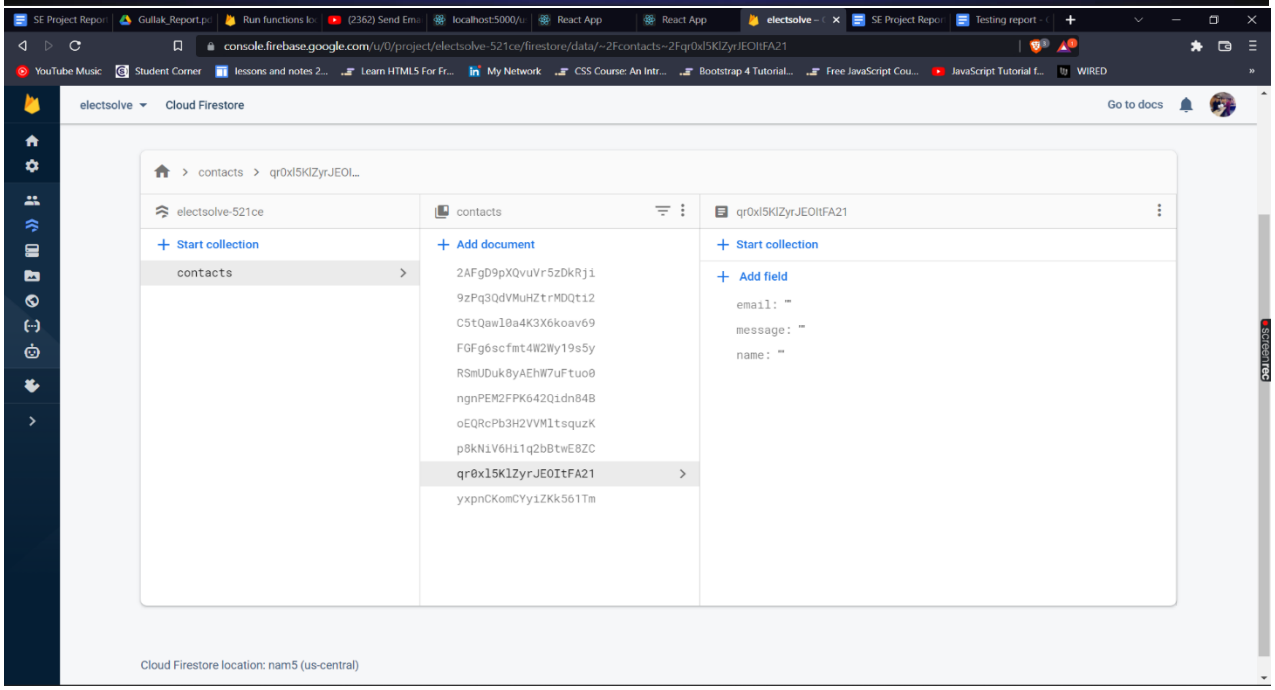
Expectations: It will show successful submitted message and store information in Database.

Result: Passed.

ElectroGate

Screen Shots/Logs:





4. Insurance-Form:

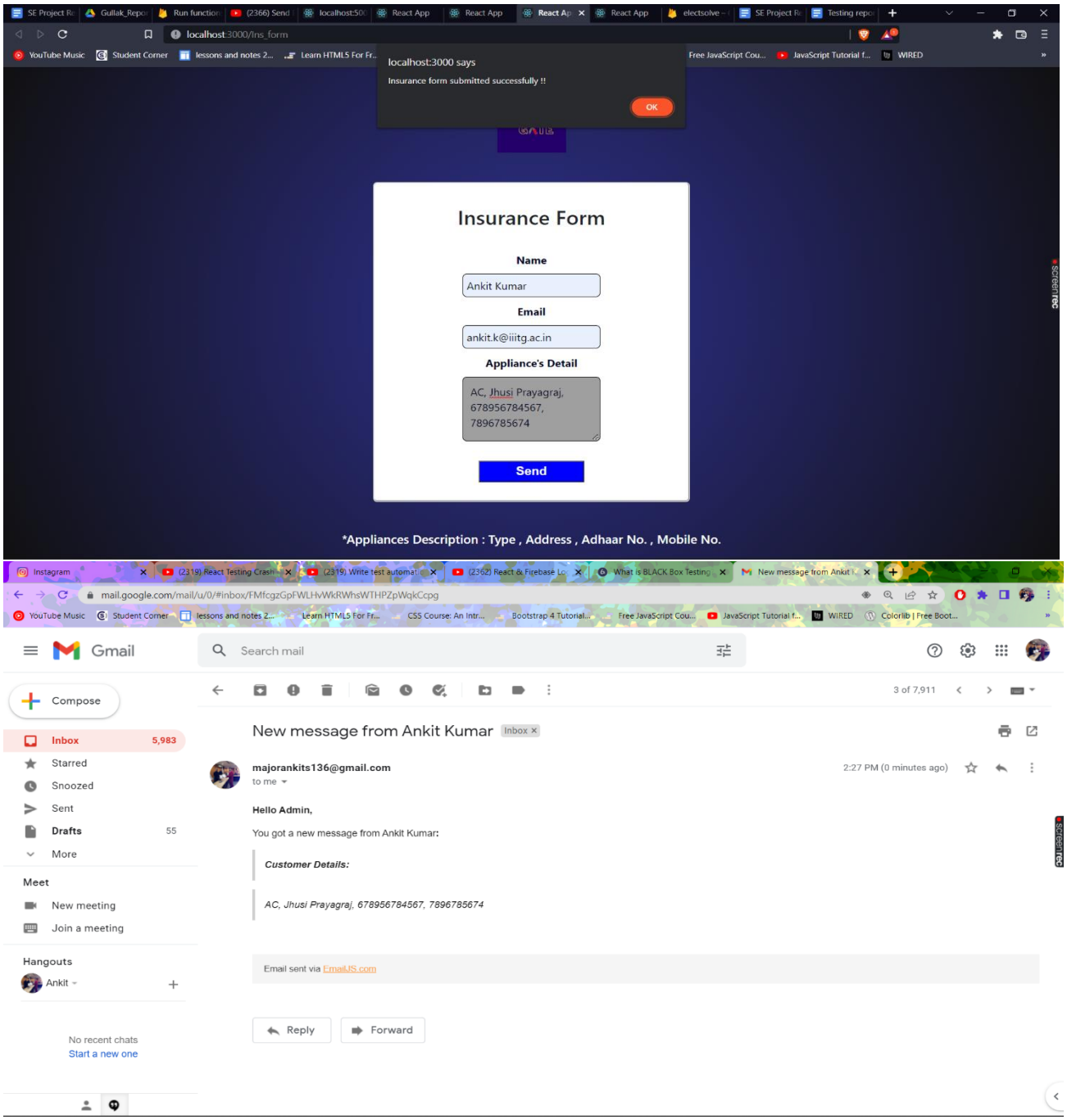
Test-Cases:

4.1 When you fill all field and then press “Send”.

Expectations: It will show successful submitted message and email will send on admin Gmail.

Result: Passed.

Screen Shots/Logs:

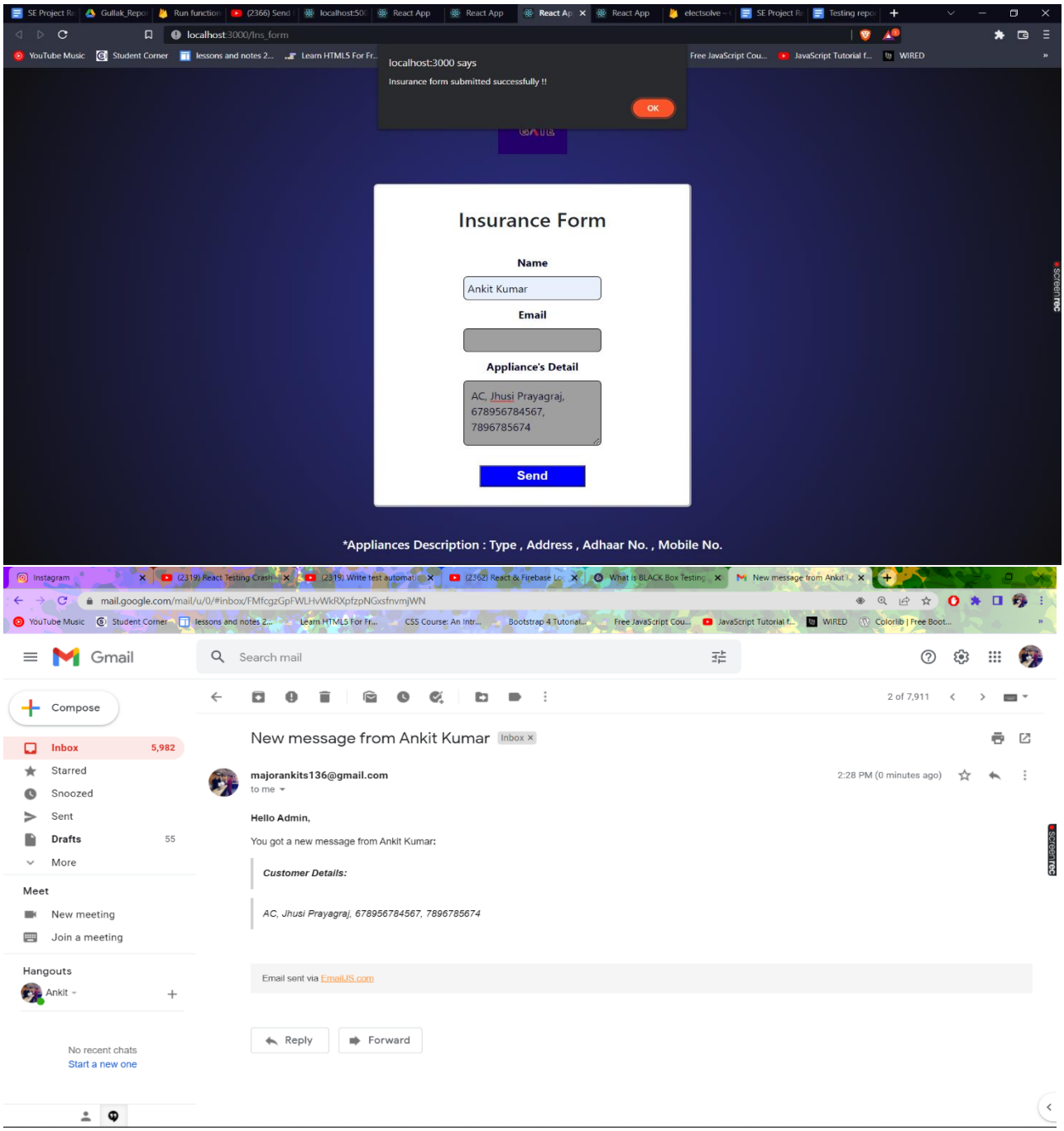


4.2 When you do not fill all fields and then press “Send”.

Expectations: It will show successful submitted message and email will send on admin Gmail.

Result: Passed.

Screen Shots/Logs:



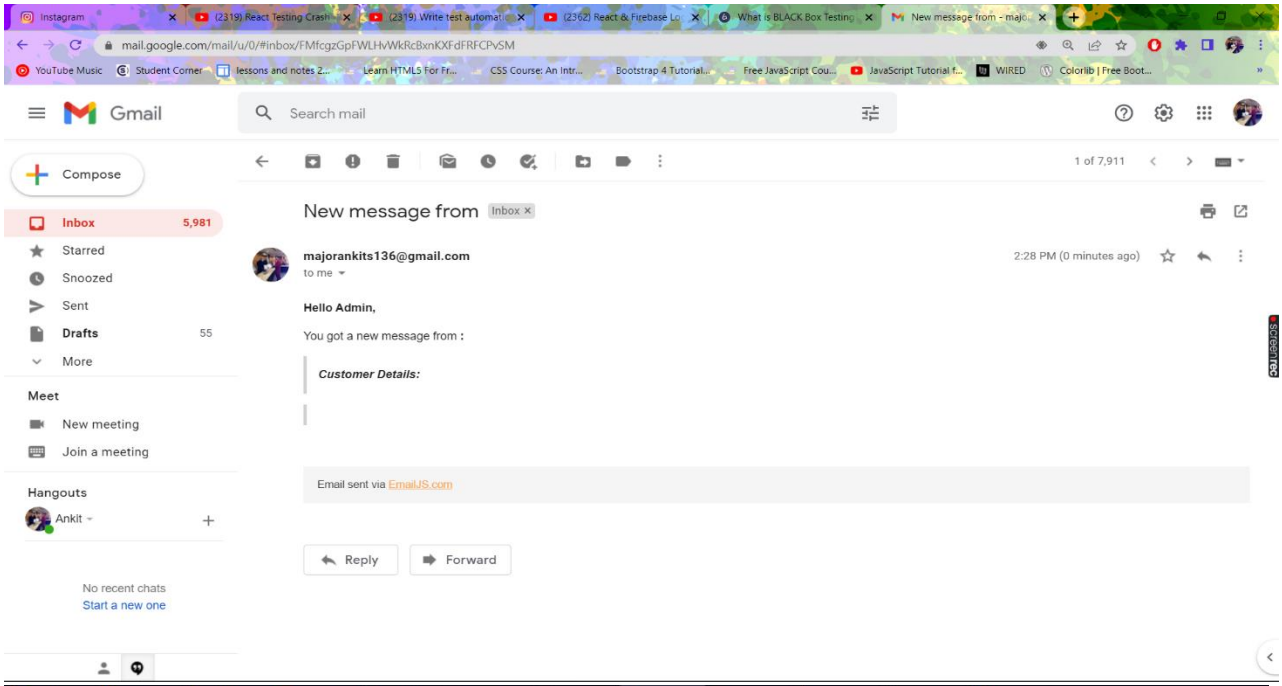
4.3 When you do not fill any of field and then press “Send”.

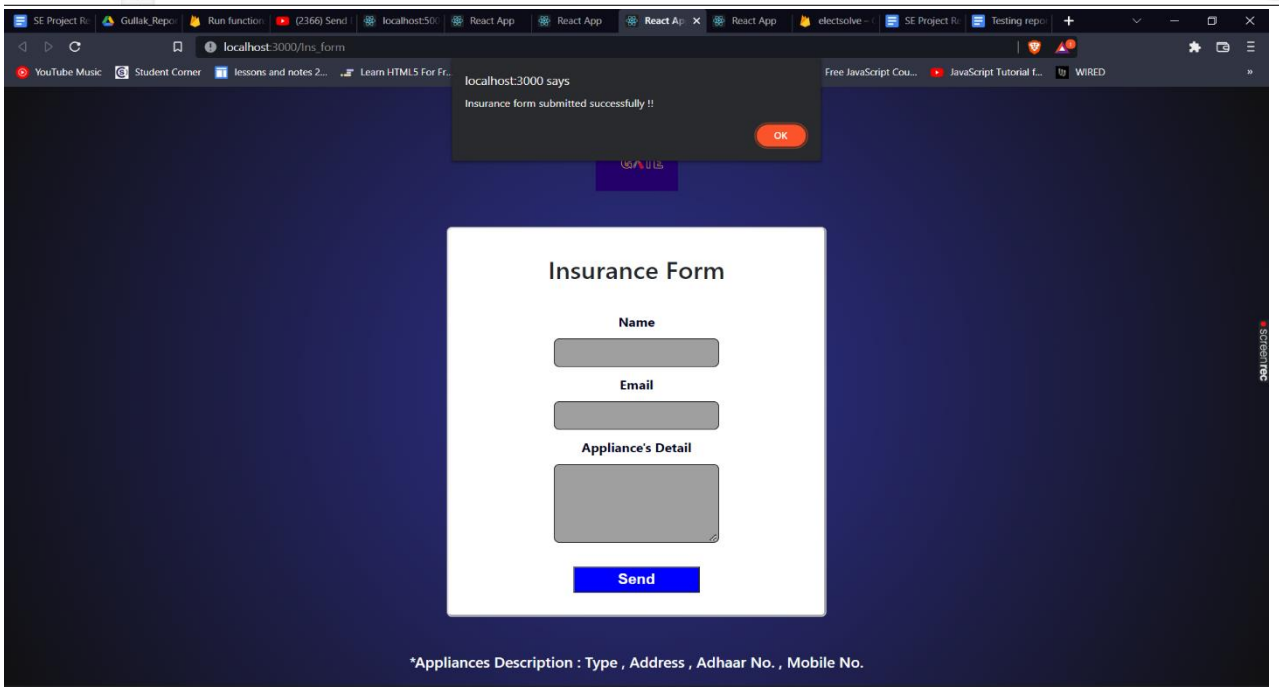
ElectroGate

Expectations: It will show successful submitted message and email will send on admin Gmail.

Result: Passed.

Screen Shots/Logs:





ElectroGate

5. Order-Form:

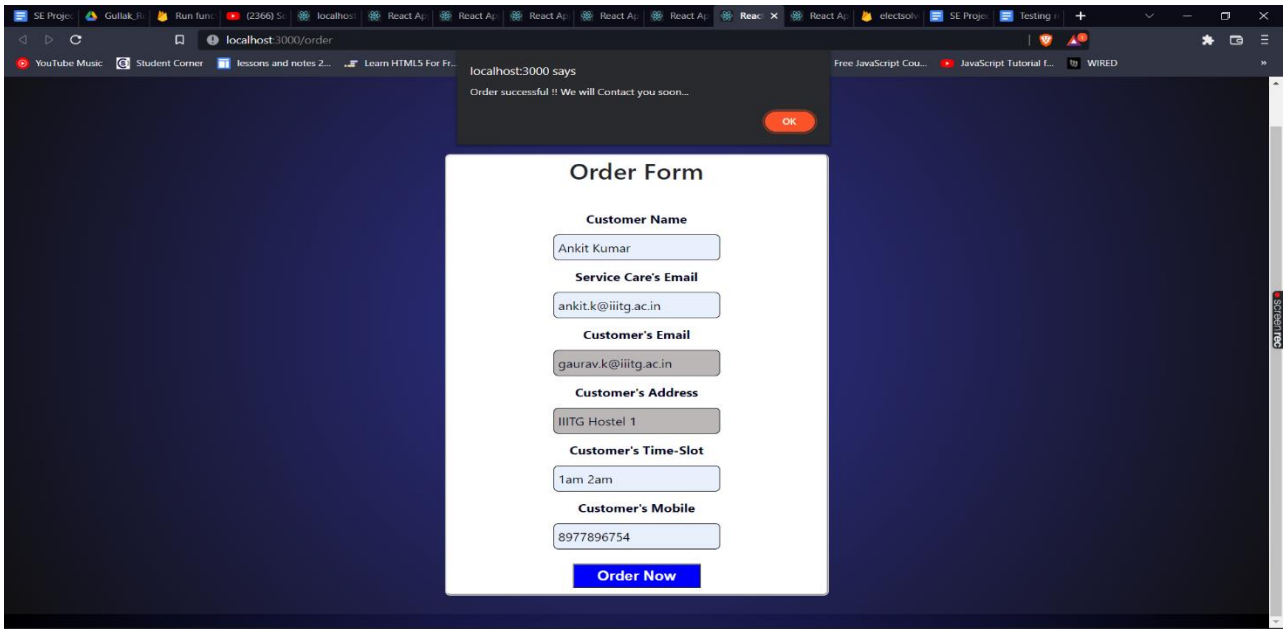
Test-Cases:

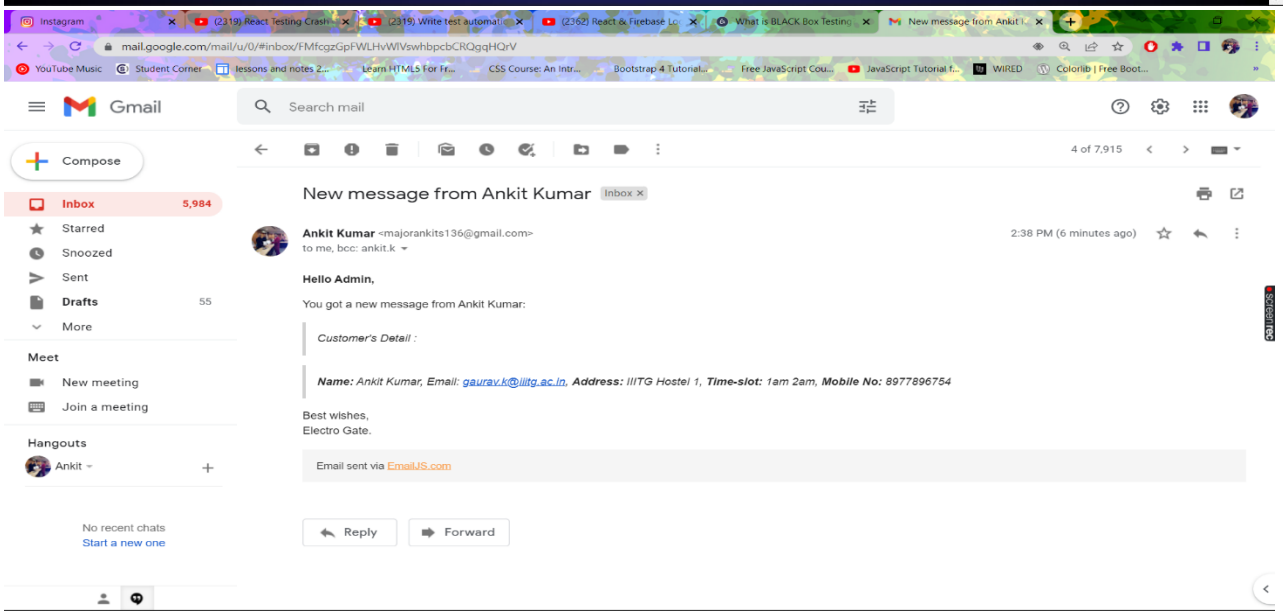
5.1 When you fill all field and then press “Order”.

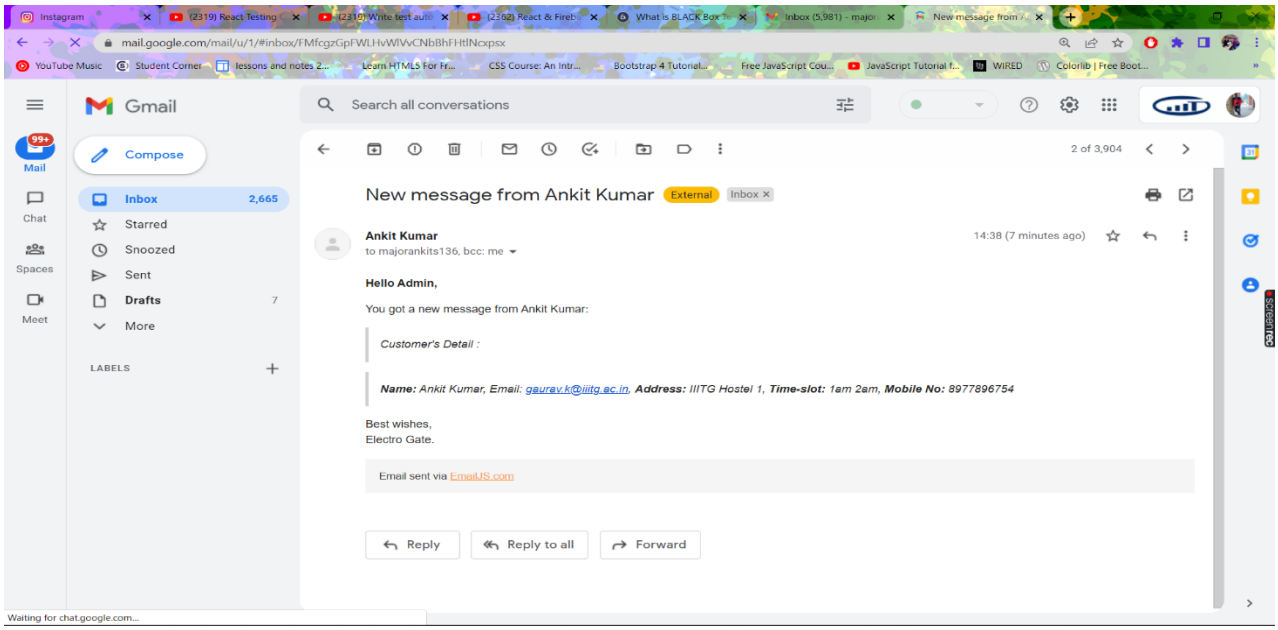
Expectations: It will show successful submitted message and email will send on admin Gmail as well as Service Care.

Result: Passed.

Screen Shots/Logs:





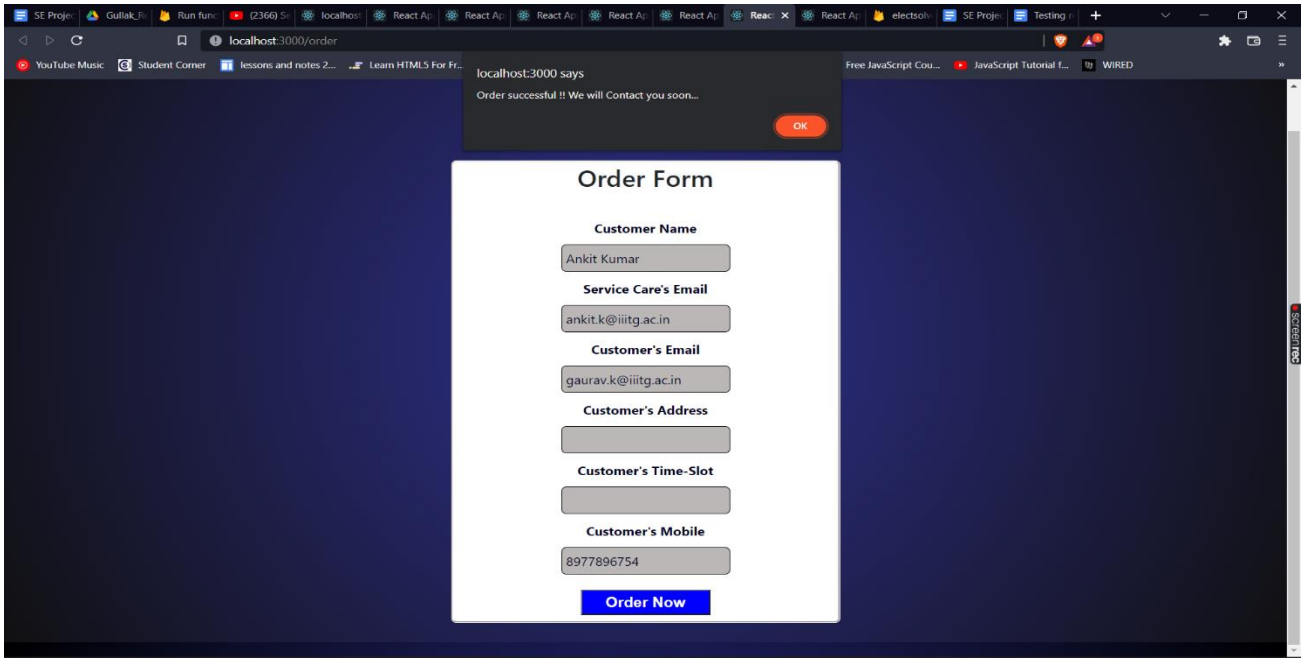


5.2 When you do not fill all fields (must fill Service care email) and then press “Order”.

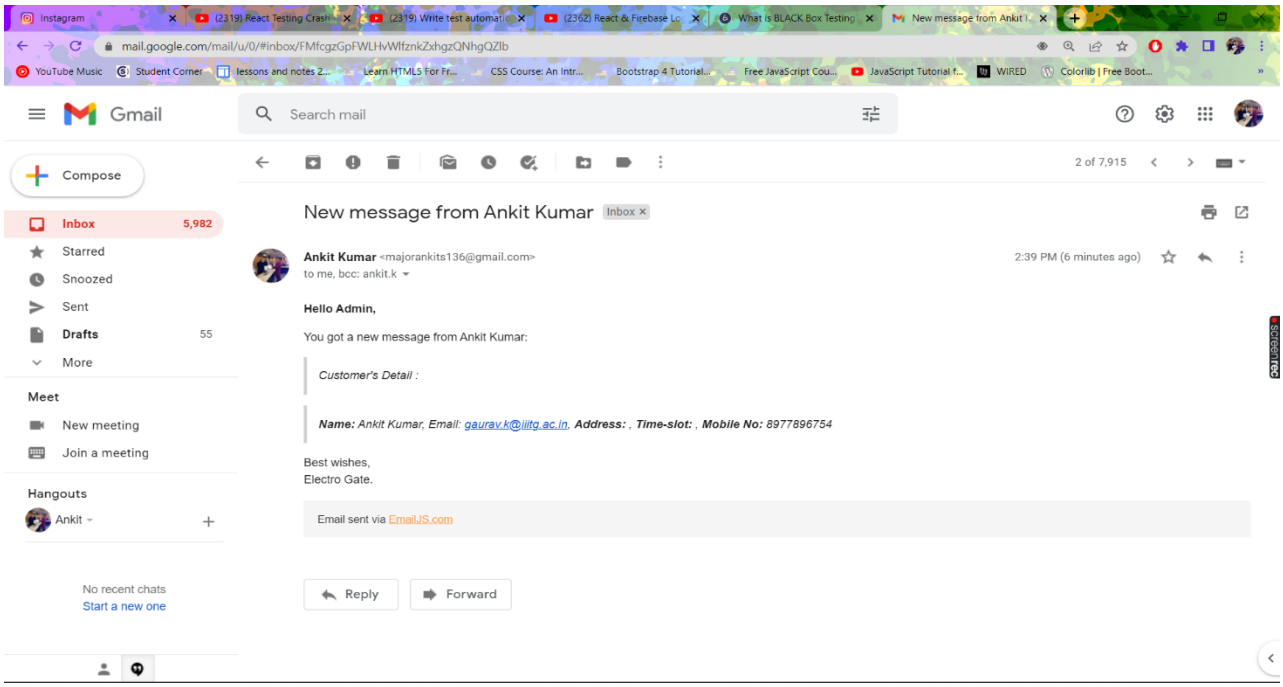
Expectations: It will show successful submitted message and email will send on admin Gmail as well as Service Care.

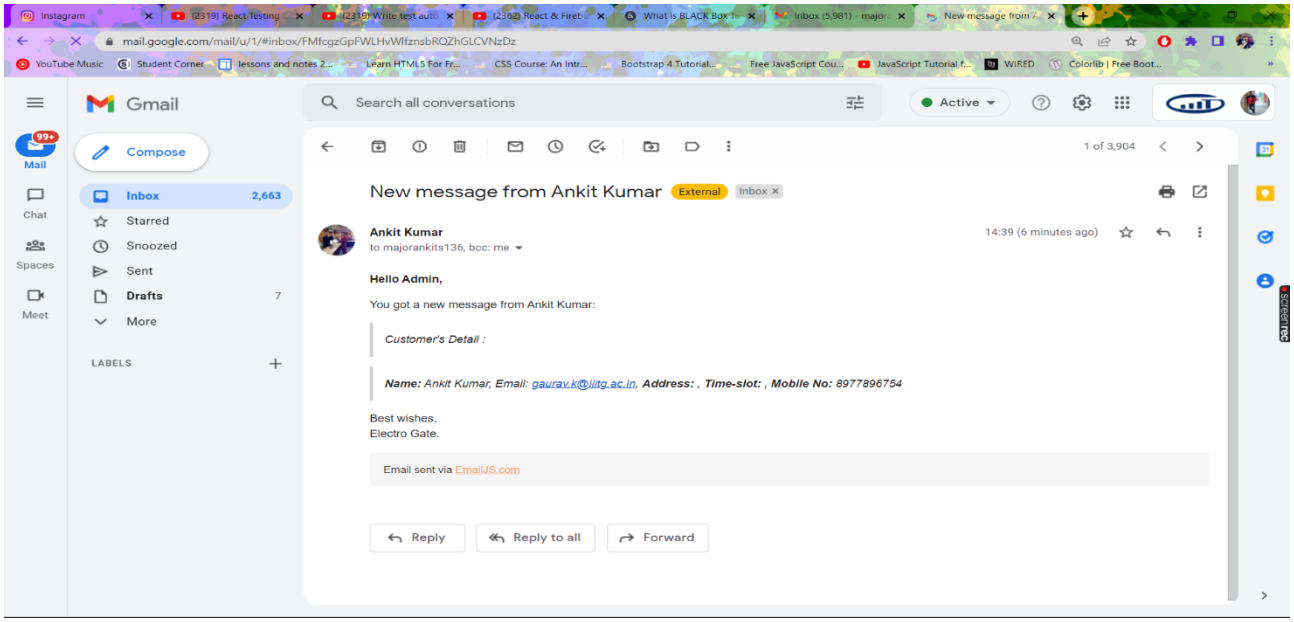
Result: Passed.

Screen Shots/Logs:



ElectroGate



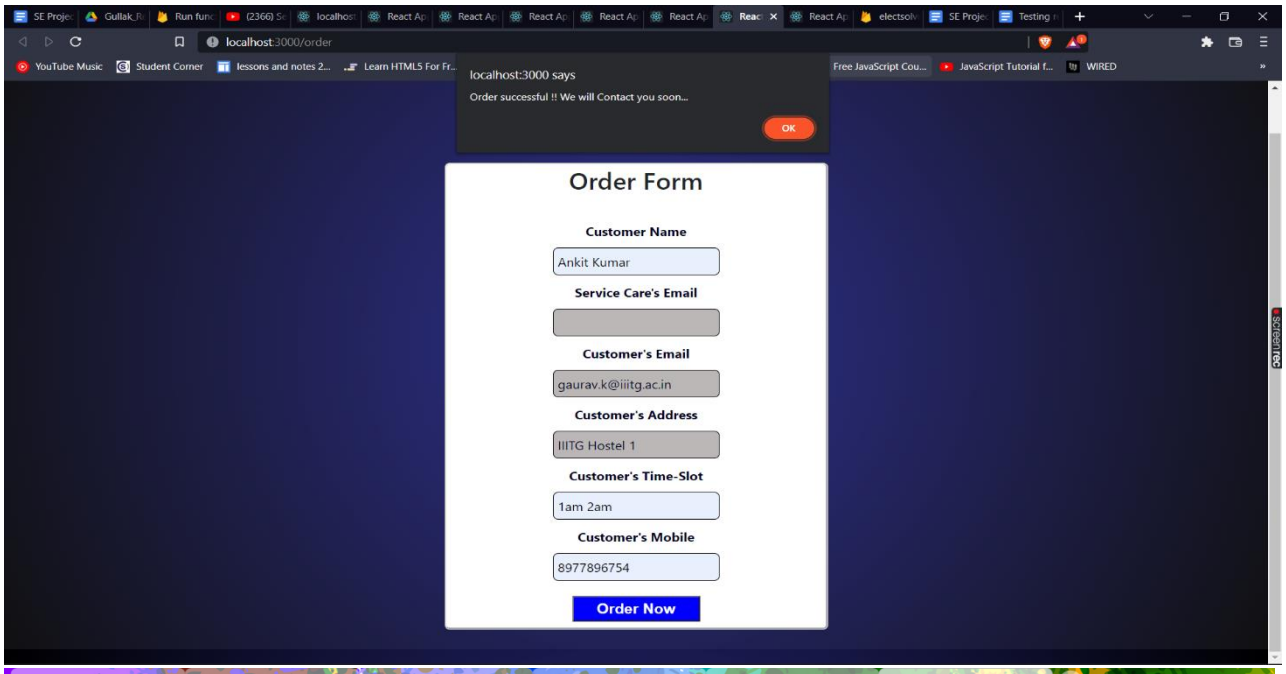


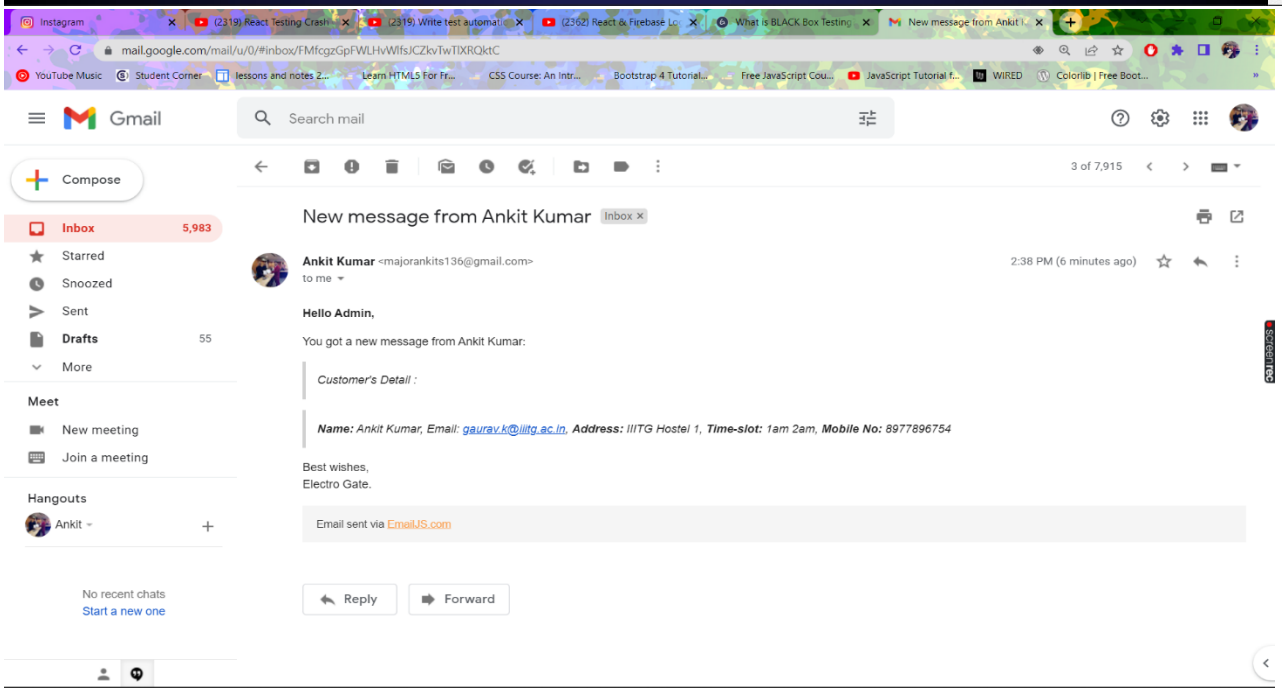
5.3 When you do not fill all fields (also not fill Service care email) and then press “Order”.

Expectations: It will show successful submitted message and email will send on only admin Gmail not to Service Care.

Result: Passed.

Screen Shots/Logs:





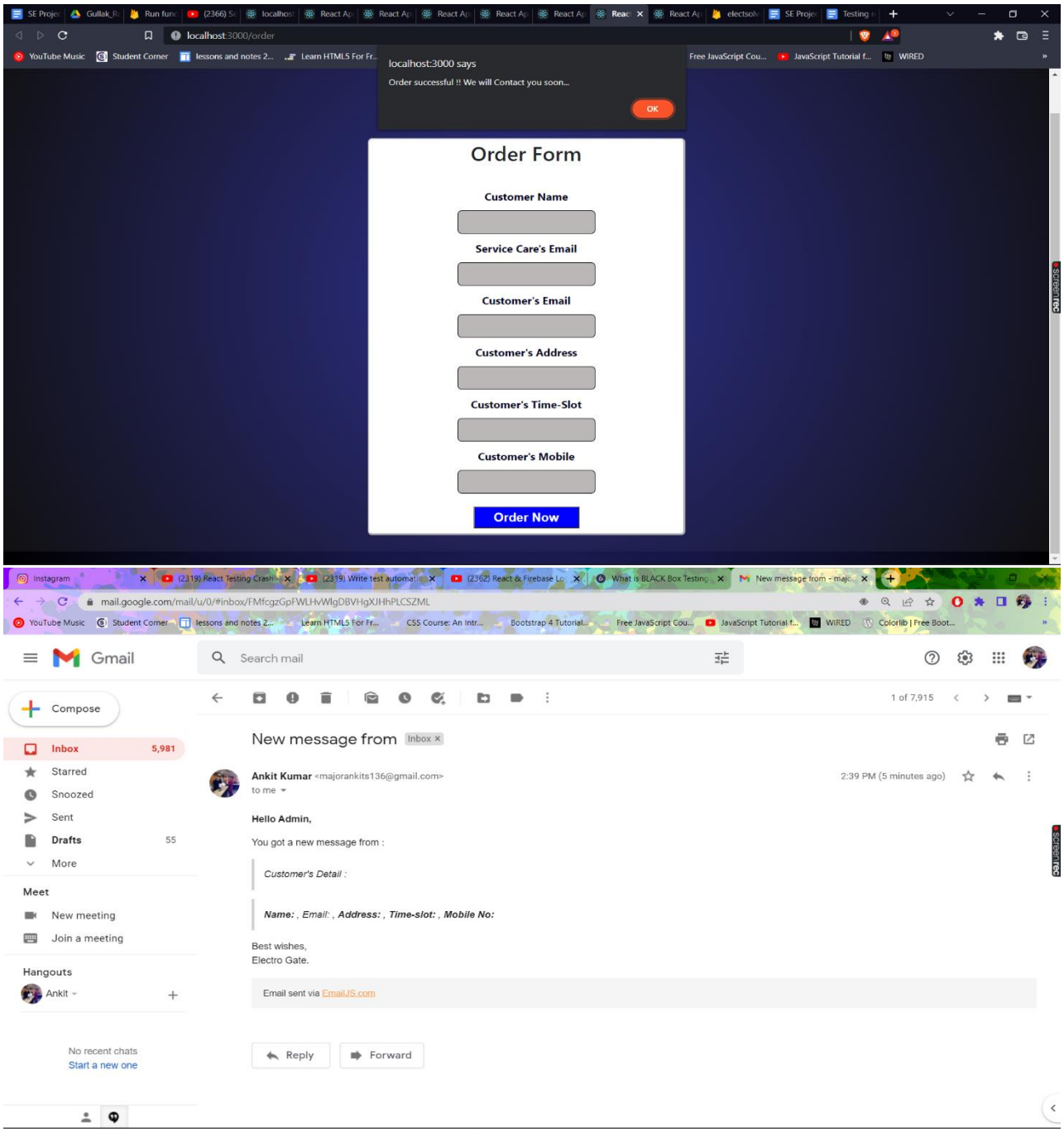
5.4 When you do not fill any of field and then press “Order”.

Expectations: It will show successful submitted message and email will send on only admin Gmail not to Service Care.

Result: Passed.

Screen Shots/Logs:

ElectroGate



6. Video-Call:

Test-Cases:

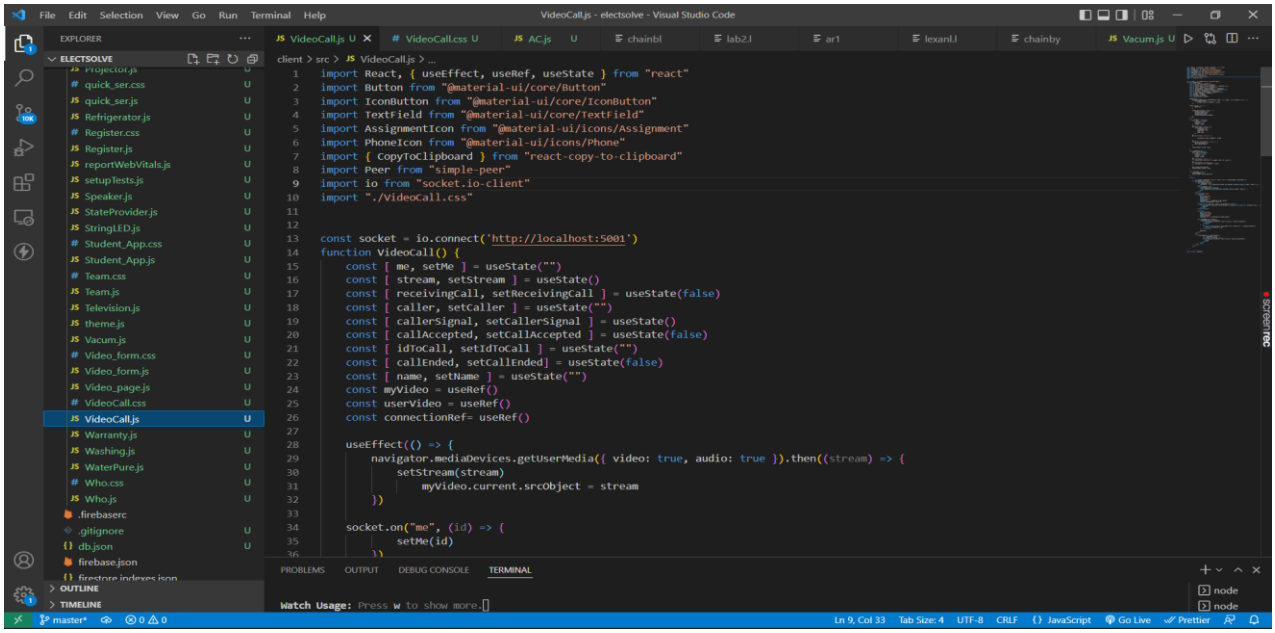
6.1 When you fill right credential sent by service care and then press “Call” button.

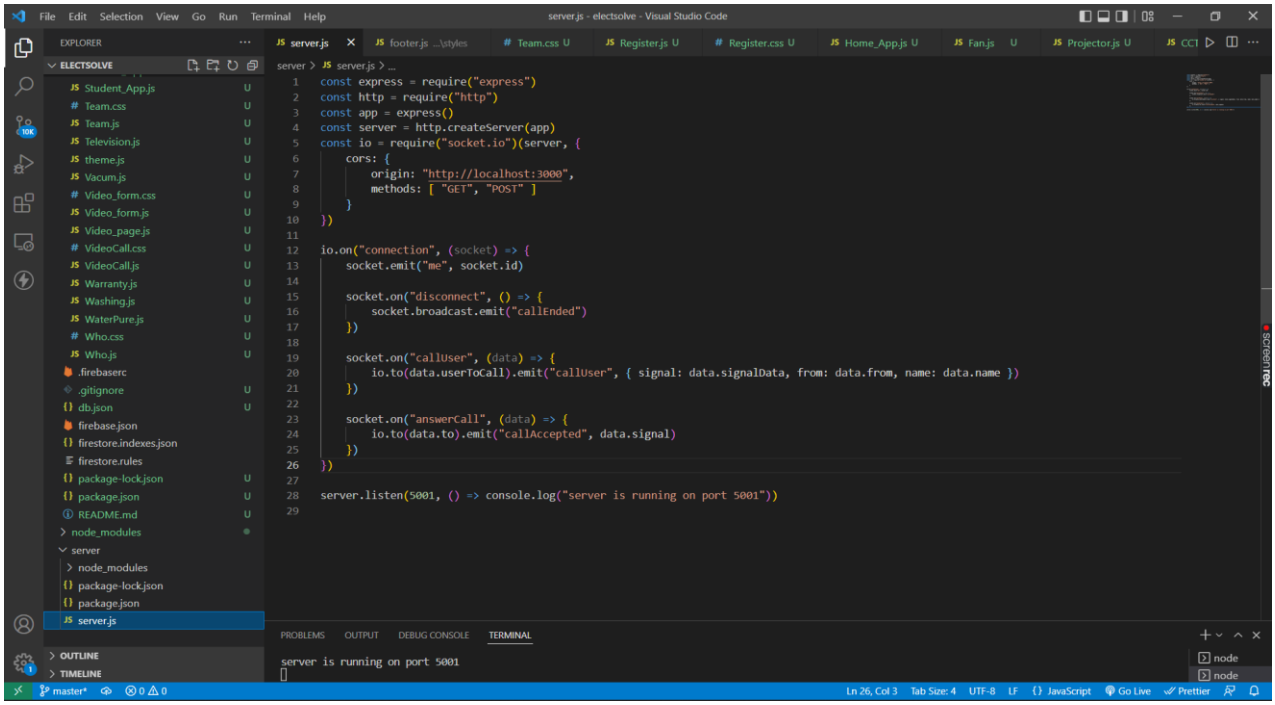
Expectations: It will show ringing message on service care side.

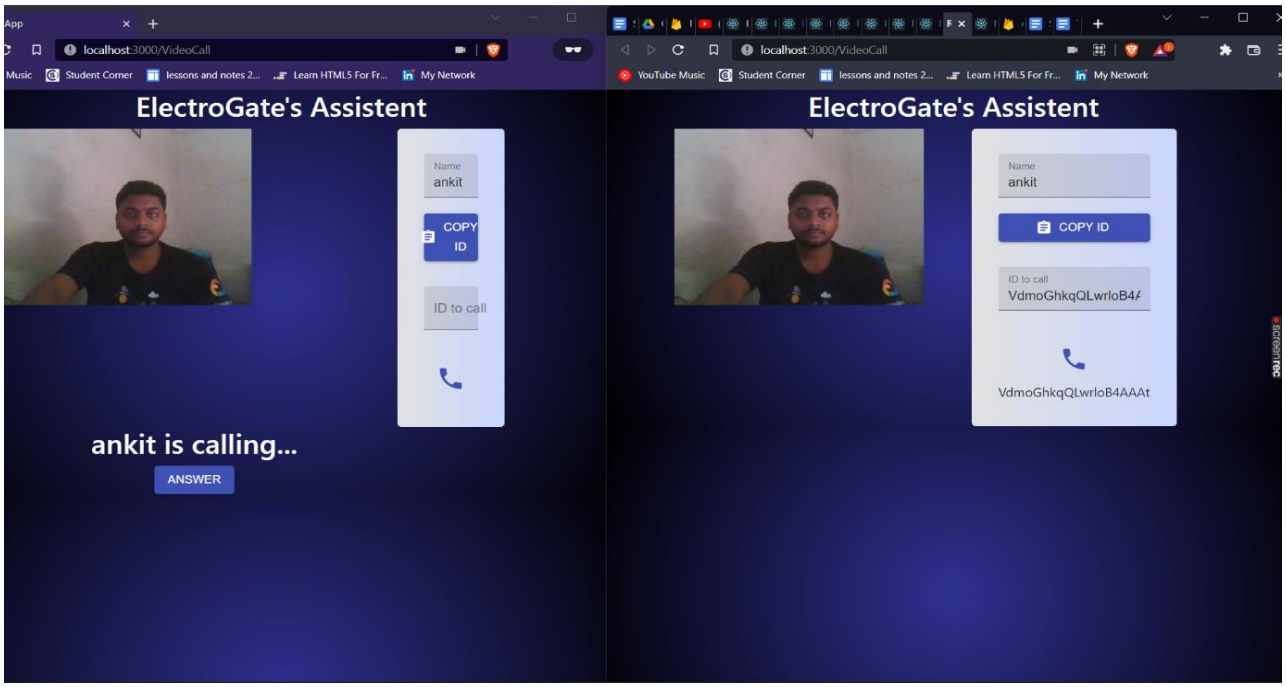
Result: Passed.

Screen Shots/Logs:

Snippets for Video-Calling Part:



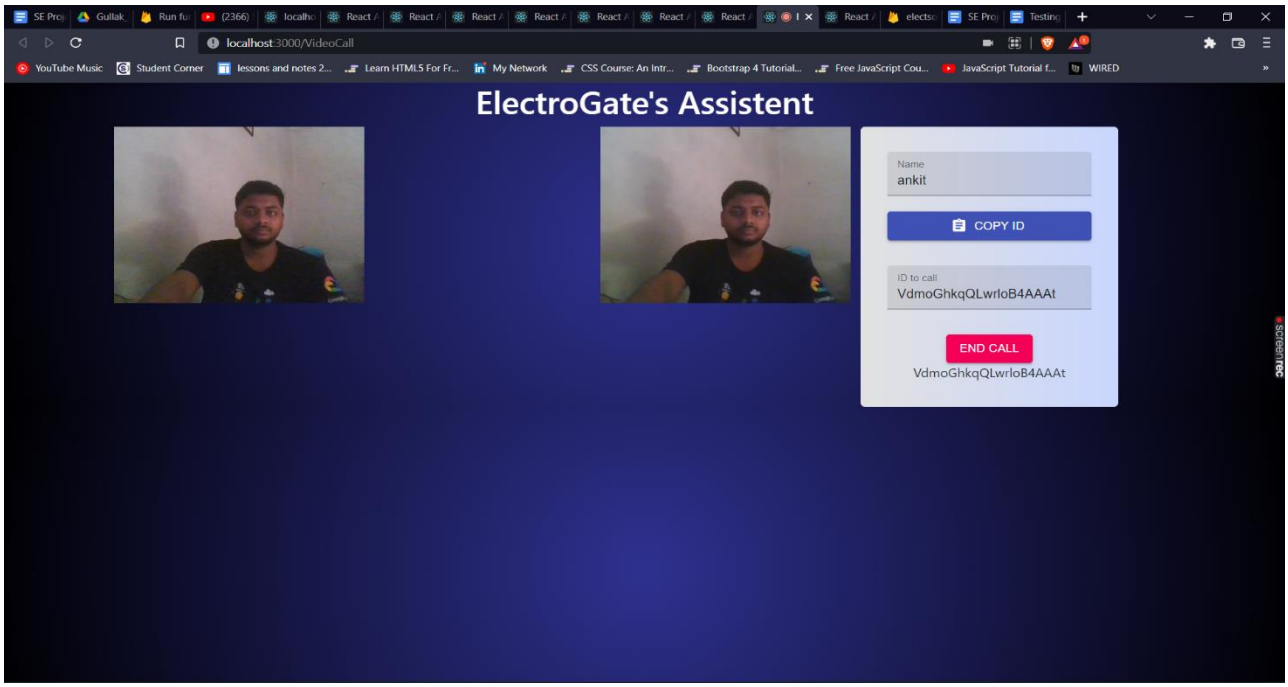




6.2 When your service care pick-up call by press “Answer” button.

Expectations: The call will connect both sides.

Screen Shots/Logs:

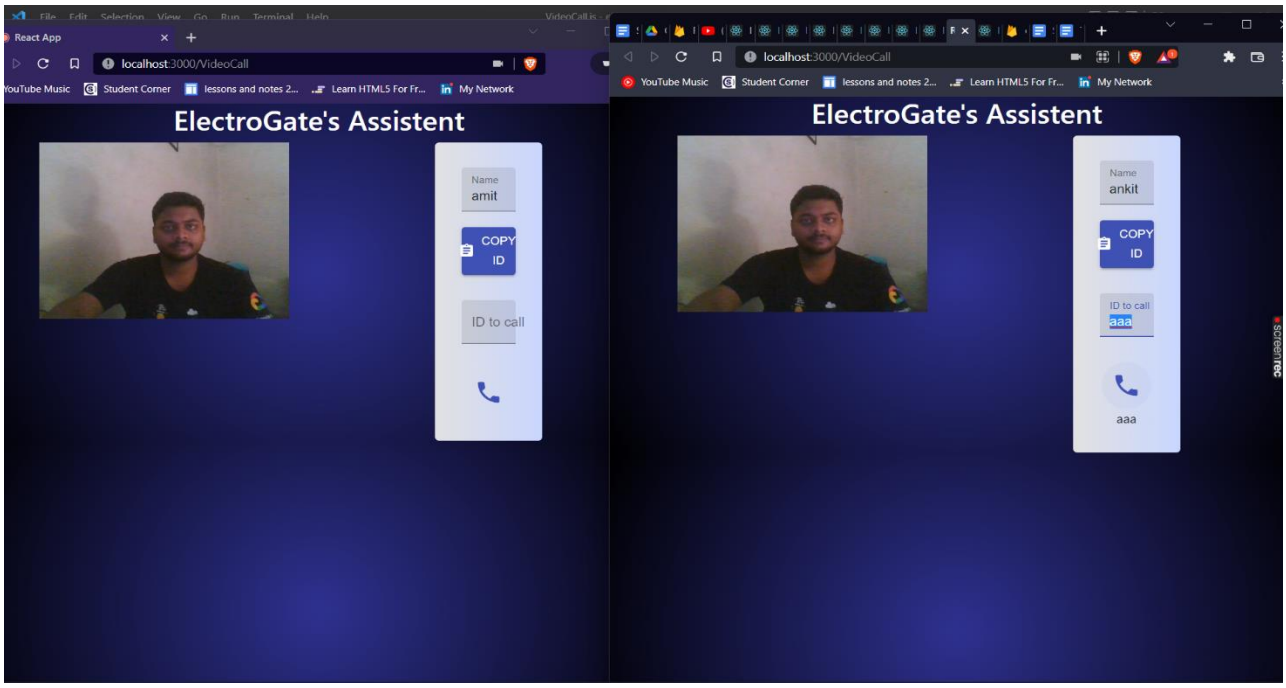


6.3 When you do not fill right credential sent by service care and then press “Call” button.

Expectations: It will never show ringing message on service care side.

Result: Passed.

Screen Shots/Logs:



7. Feedback:

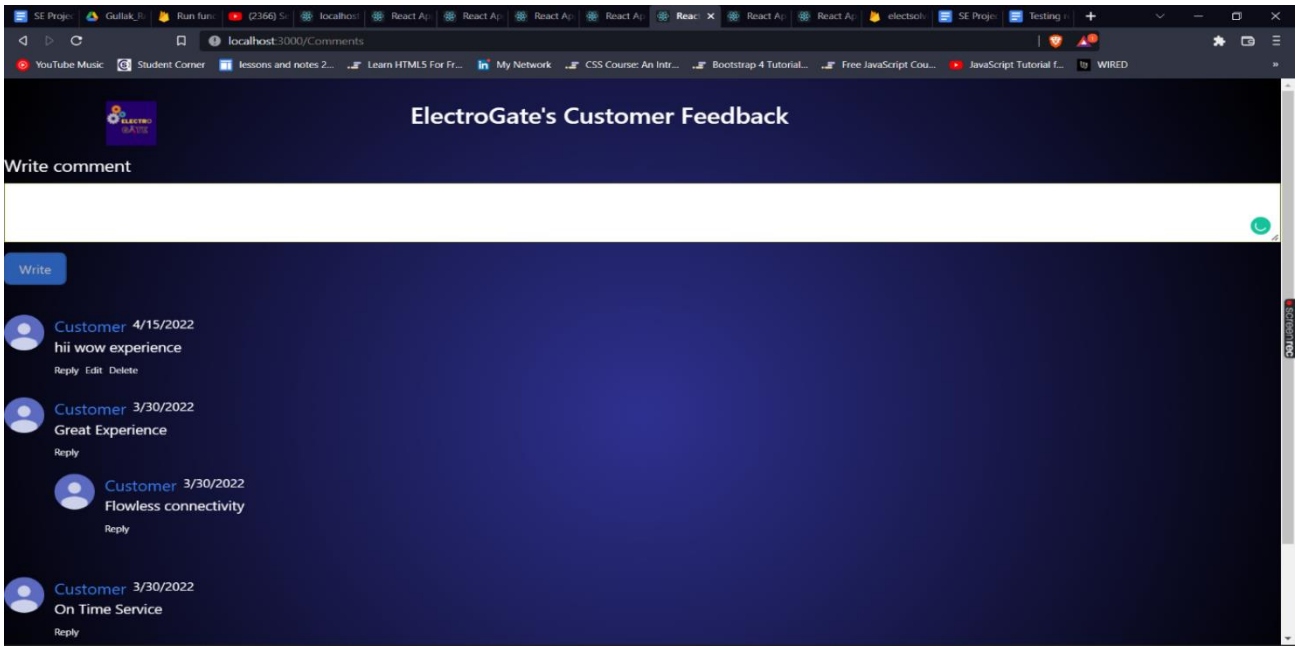
Test-Cases:

7.1 When Customer simply write their review and press on “Write” button.

Expectations: It will show on Feedback page.

Result: Passed.

Screen Shots/Logs:

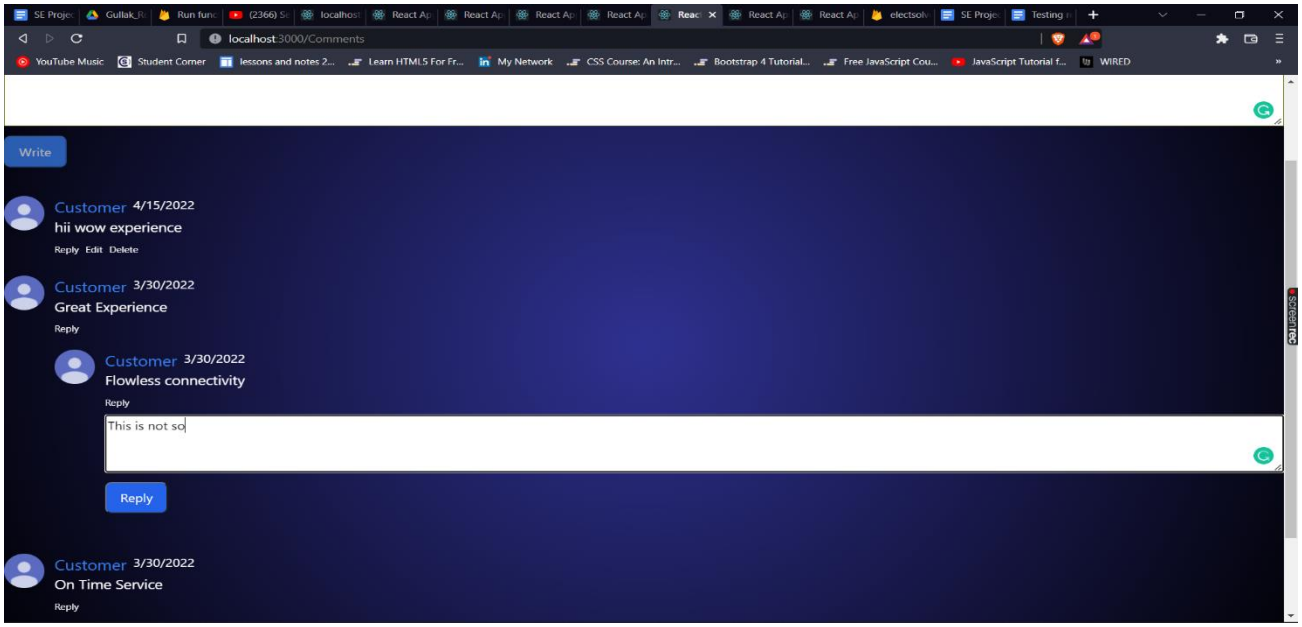


7.2 When Customer Reply on others review and press on “Reply” button.

Expectations: It will show below to replied message.

Result: Passed.

Screen Shots/Logs:

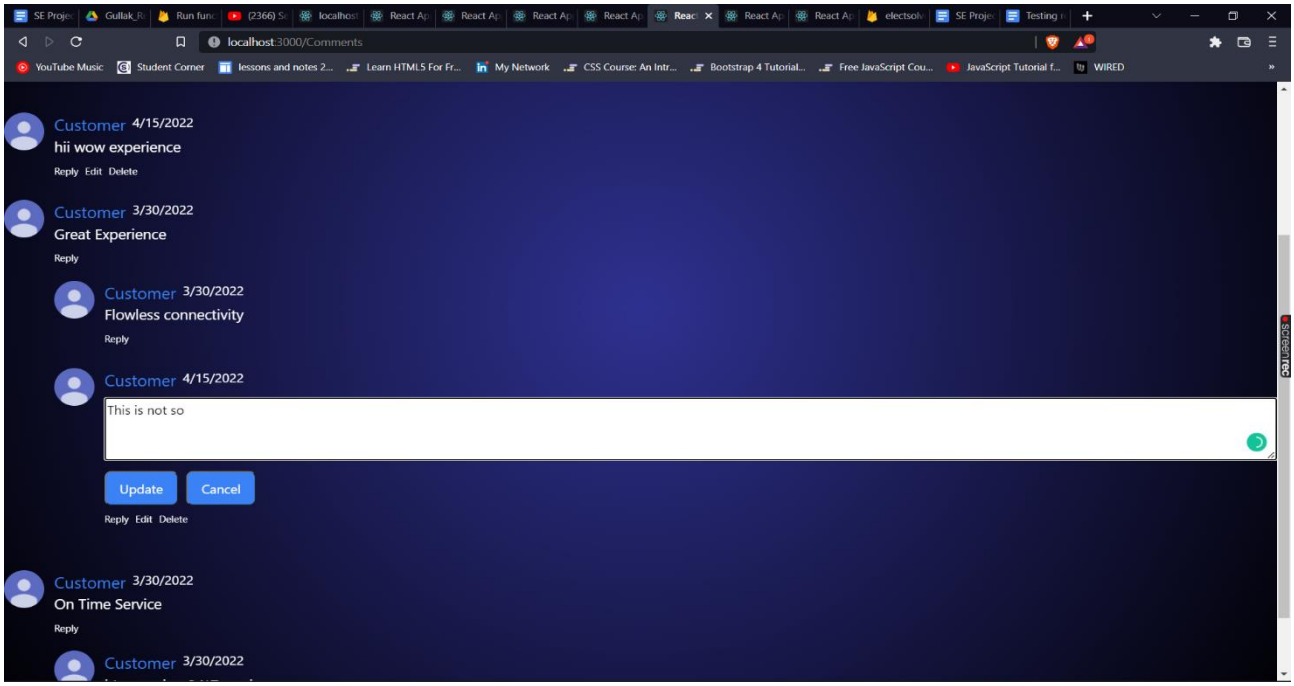


7.3 When Customer Edit their own review and press on “Edit” button.

Expectations: It will show updated one in place of previous review.

Result: Passed.

Screen Shots/Logs:



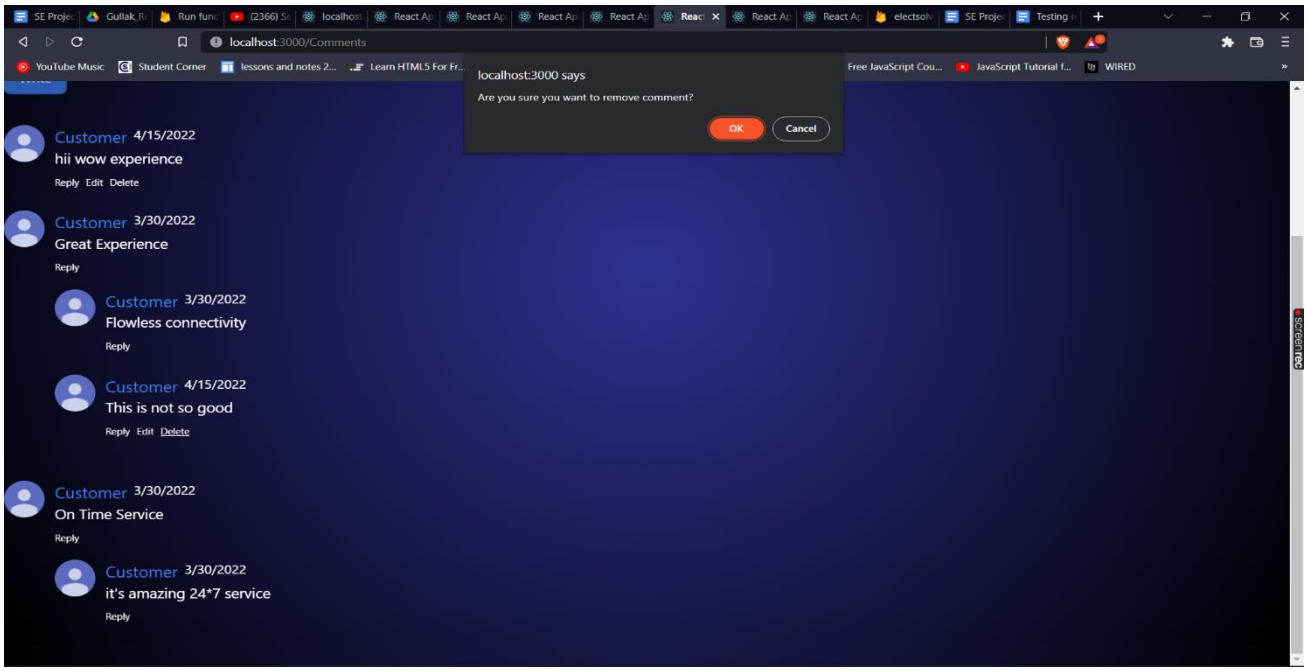
7.4 When Customer Delete their own review and press “Delete” button.

Expectations: It will show warning message for confirmation.

Result: Passed.

Screen Shots/Logs:

ElectroGate



From Admin-End:

1. Fake Rest API (Service-Care Database):

Test-Cases:

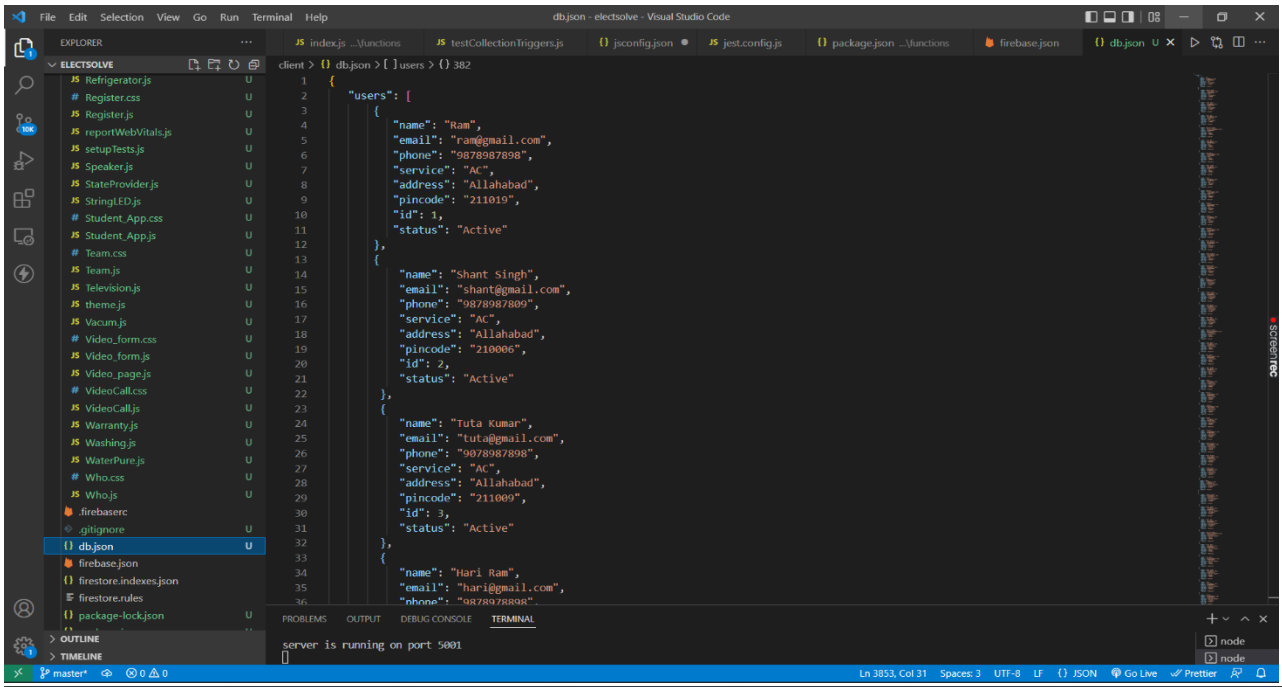
1.1 Admin can modify Service-Care Database

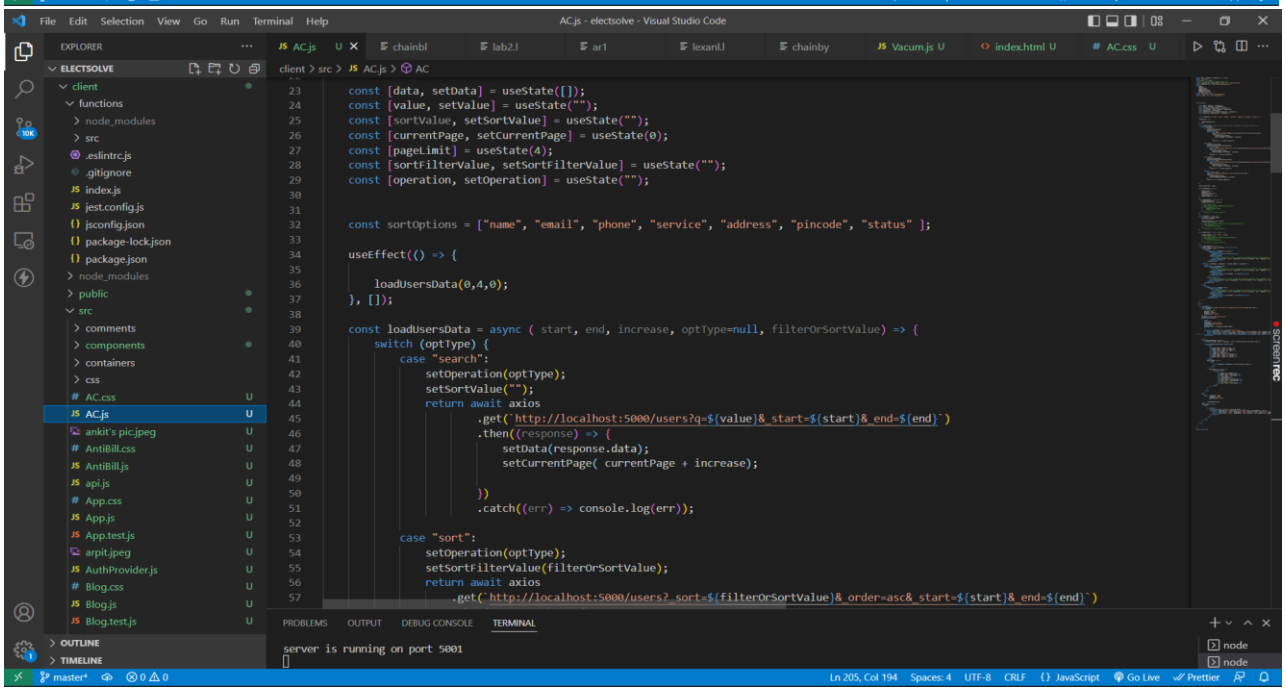
Expectations: It will show changed database.

Result: Passed.

Screen Shots/Logs:
Snippets: There is two snippets one for Database (db.json) and second for function which connect Database with all .js files where we can access Database.

ElectroGate





2. Client Database:

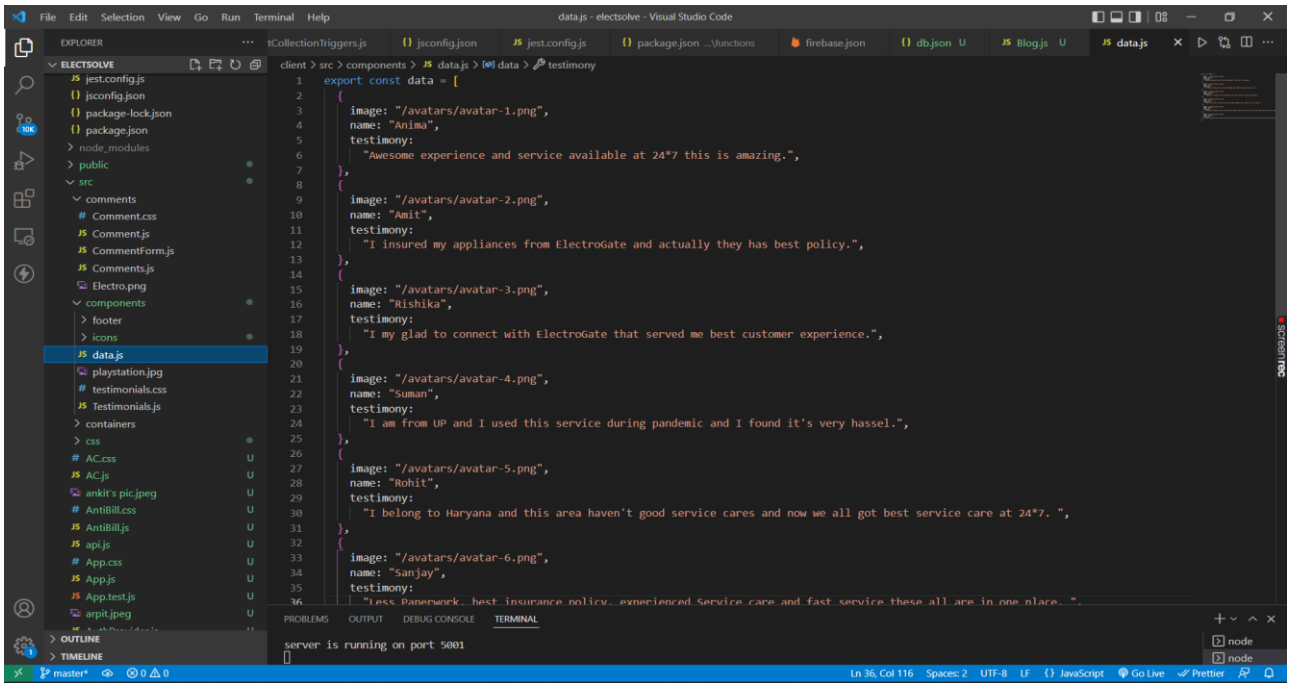
Test-Cases:

2.1 Admin can modify Client Database.

Expectations: It will show changed database.

Result: Passed.

Screen Shots/Logs:
Snippets: Client Database(data.js)



3. Blogging:

Test-Cases:

3.1 Admin can post new Blogs on Website.
Expectations: It will show new Blog on website.

Result: Passed.

Screen Shots/Logs:
Snippets: Blog.js which have Blog details

ElectroGate