External Document	
<COMP6681> <Web Programming>	
[2022], [Odd] Semester	

- **Project Title**

  megAWealth

- **Introduction**

  megAWealth is a real estate company that was founded in 2008. Operated by ED, Inc., **megAWealth** offers a comprehensive list of real estate for sale and rent along with information. Today, more than ever, **megAWealth** is The Home of Home Search.

- **Report / Documentation**

  1. Login

     User dapat menginput email dan password untuk masuk ke dalam web. Lalu, jika User memilih Remember Me, maka cookies user akan disimpan selama 3 menit.

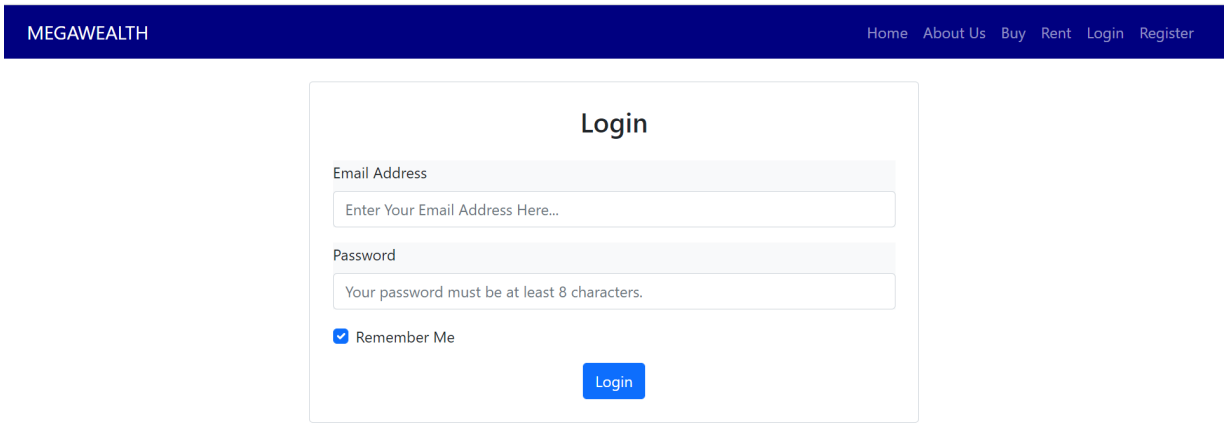

Figure 1. Login Page

Jika terdapat error pada validasi email dan password, maka akan muncul error message.

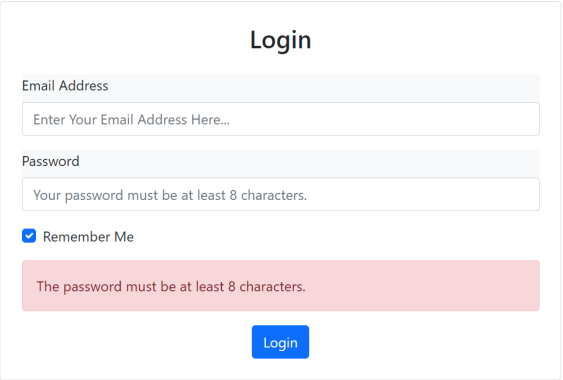

Figure 2. Login Page (Errors)

2. Register

   User dapat menginput nama, email, password, dan confirm password untuk membuat akun pada web.

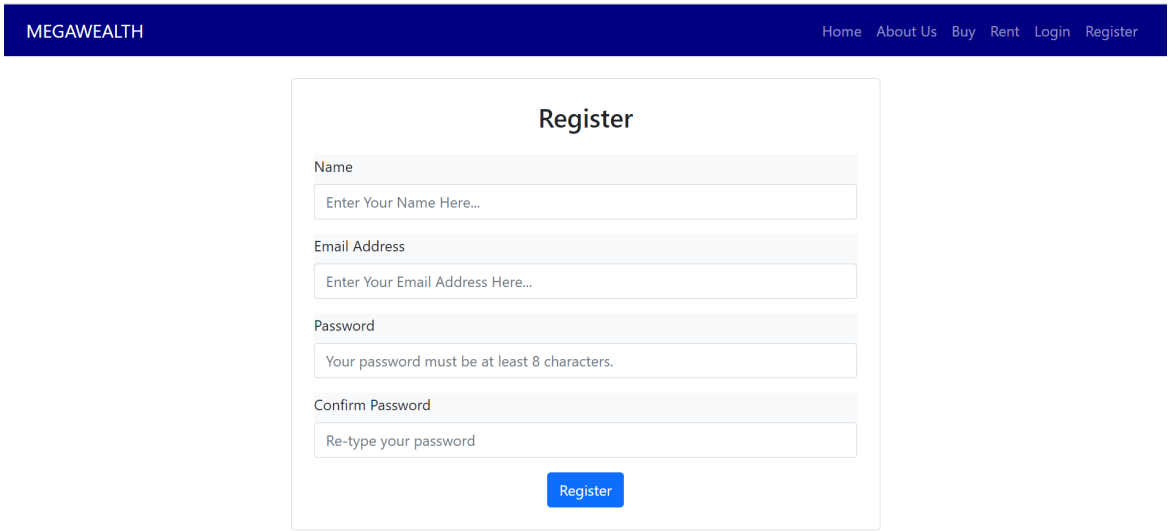

Figure 3. Register Page

Jika terdapat error pada validasi input, maka akan ditampilkan error message

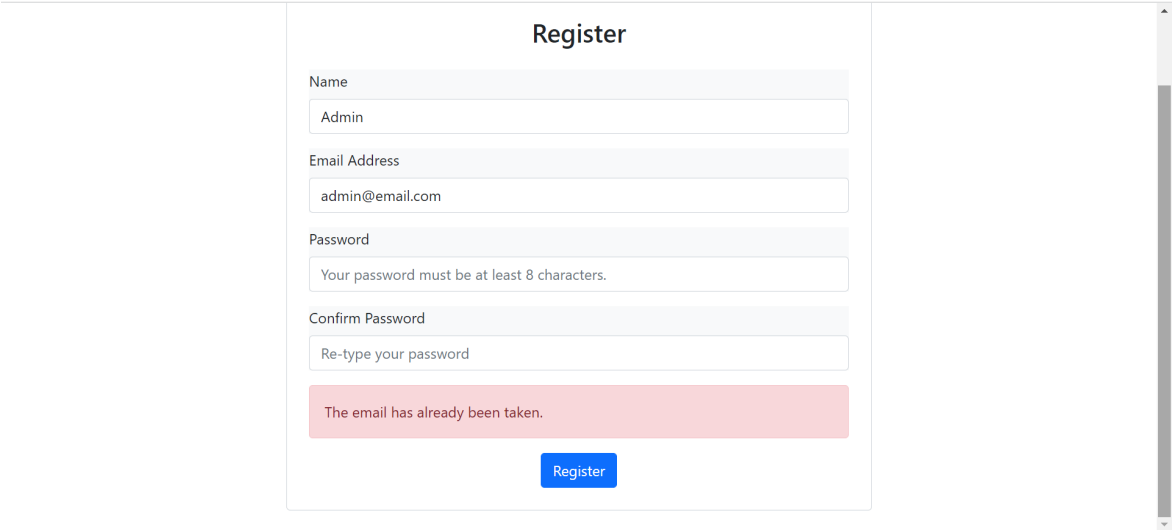

Figure 4. Register Page (Errors)

3. Home Page

User dapat melakukan search berdasarkan lokasi, building type dan sales type dari real estate.

Terdapat 3 menu pada halaman home, yaitu Buy, Rent, dan About Us.

Navbar guest terdiri dari Home, About Us, Buy, Rent, Login, dan Register.

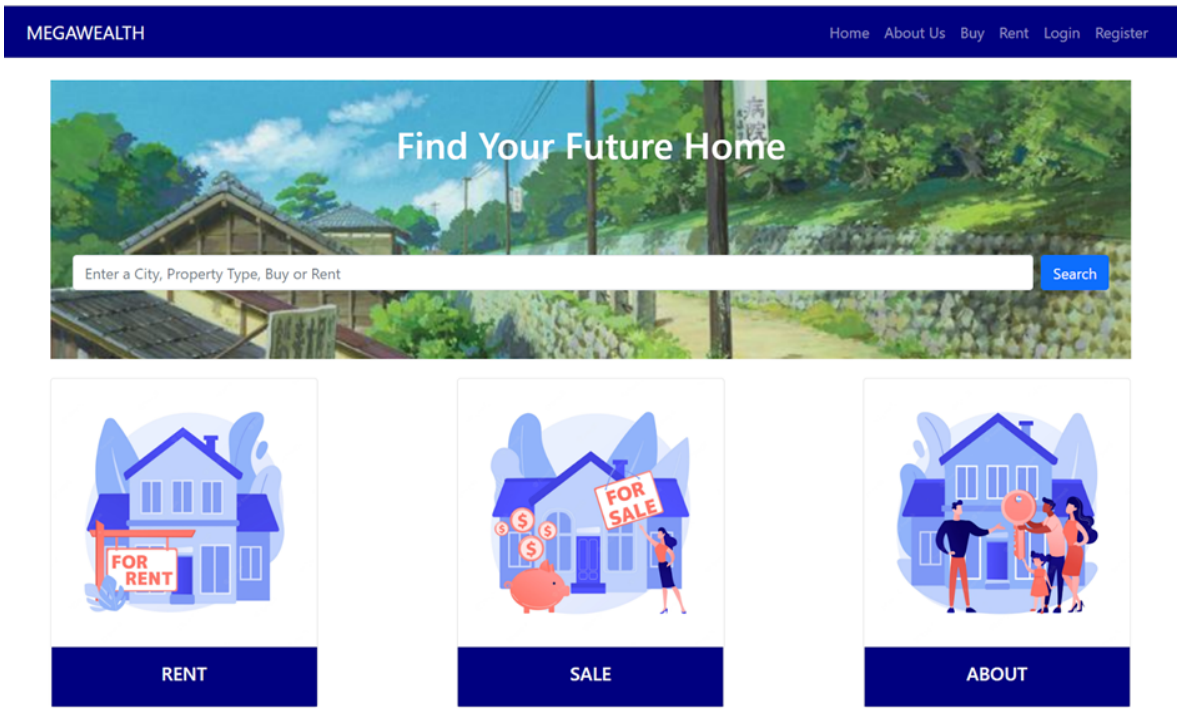

Figure 5. Home Page (Guest)

Navbar member terdiri dari Home, About Us, Buy, Rent, Cart, dan Logout.

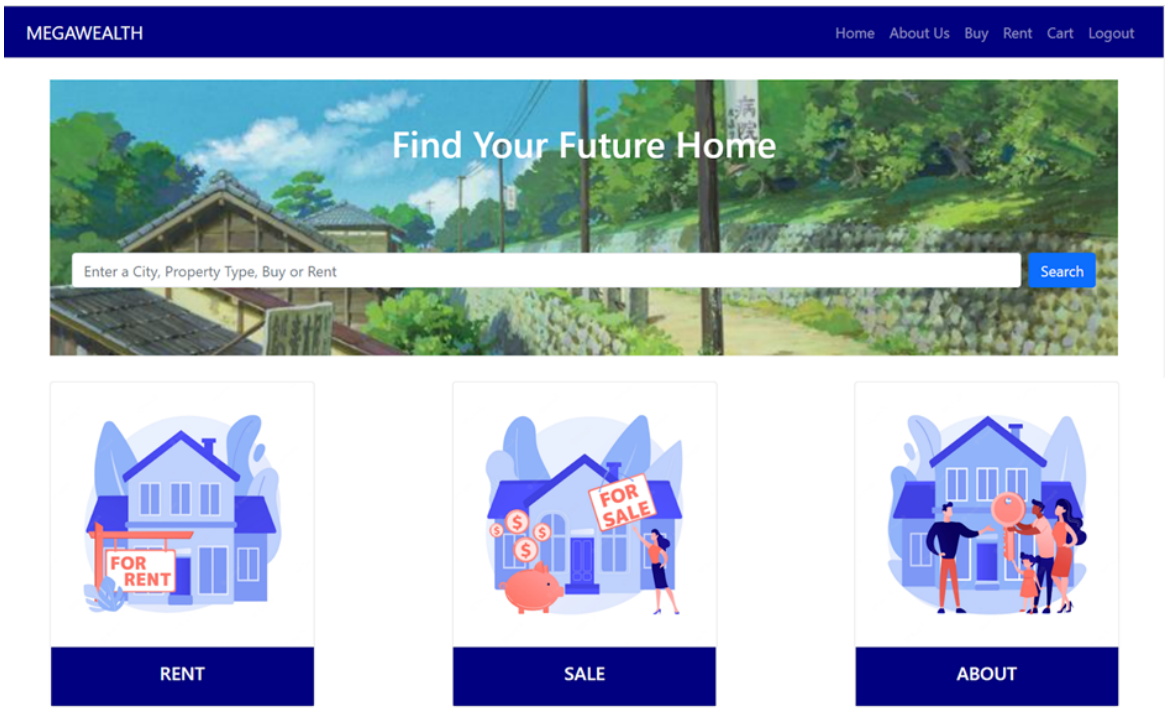

Figure 6. Home Page (Member)

Navbar admin terdiri dari Home, Manage Company, Manage Real Estates, dan Logout.

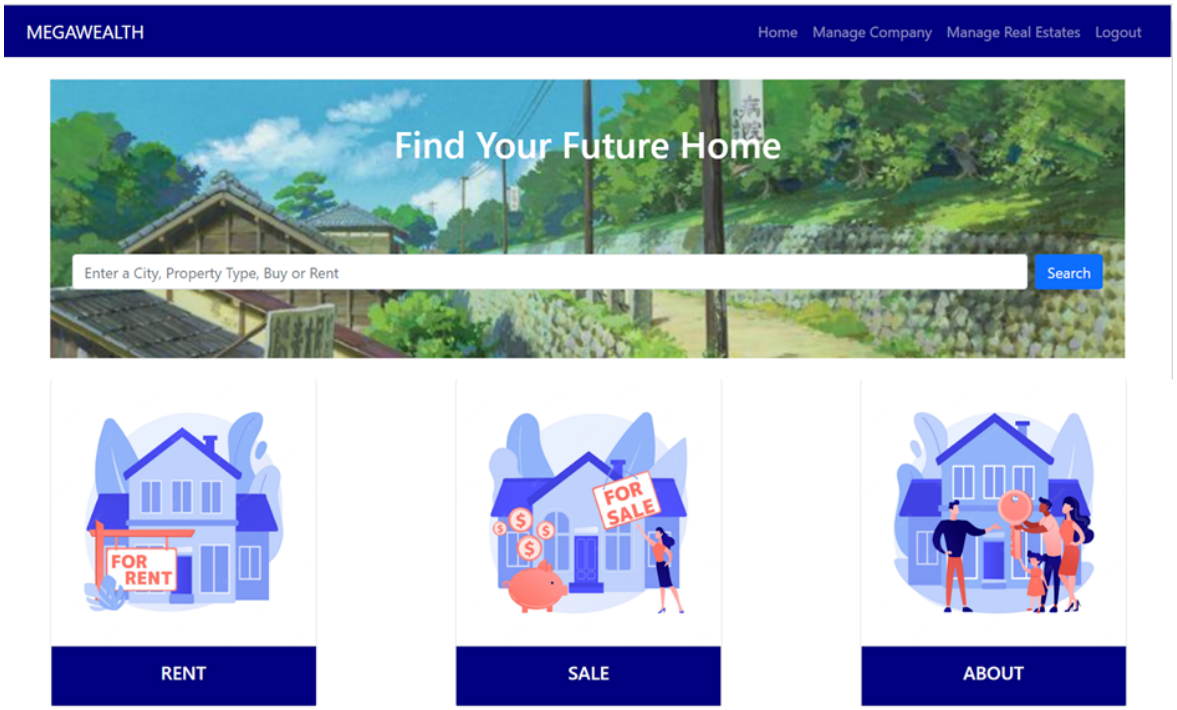

Figure 7. Home Page (Admin)

4. Search Result Page

Halaman ini akan menampilkan hasil search user.

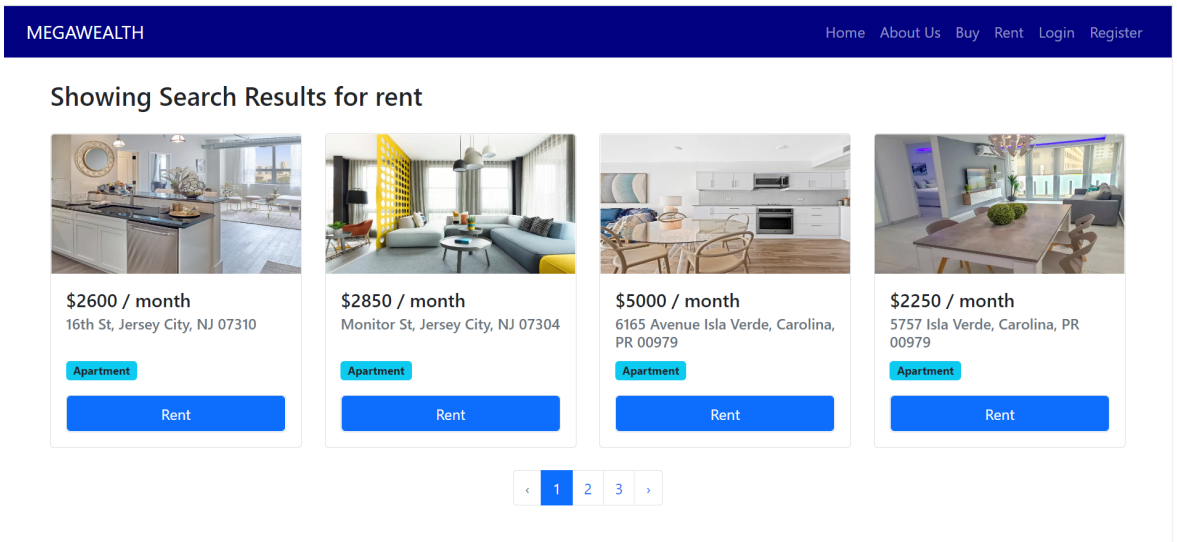

Figure 8. Search Result Page for Rent

Jika tidak ada hasil yang sesuai dengan input, maka akan ditampilkan message.

Figure 9. Search Result Page (No data)

5. About Us Page

User dapat melihat deskripsi megAWealth dan list office megAWealth beserta detailnya.

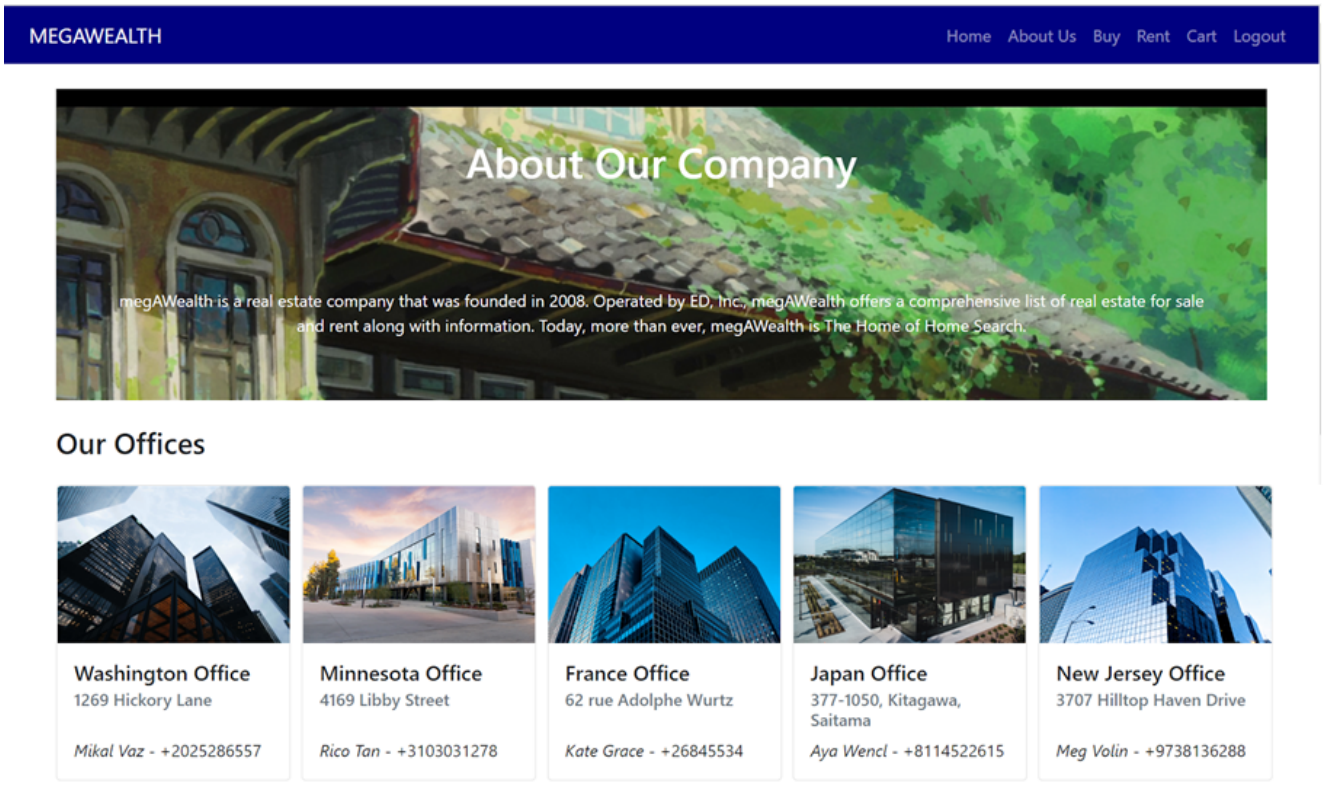

Figure 10. About Us Page (Member)

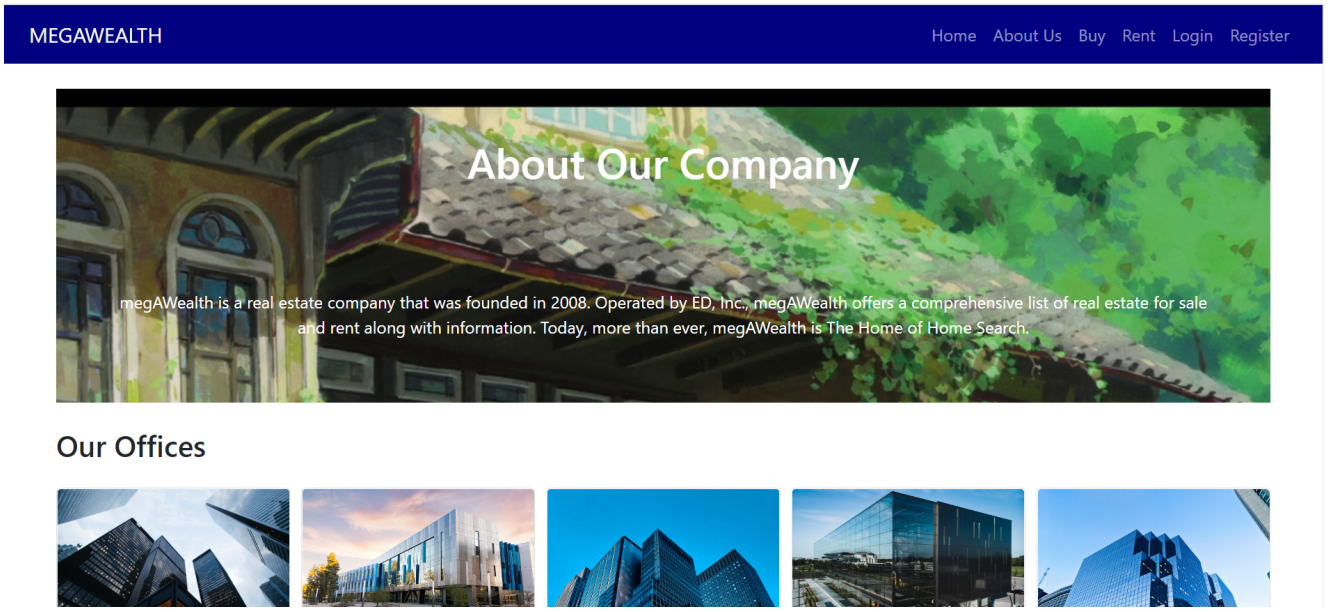

Figure 11. About Us Page (Guest)

6. Buy Page

User dapat melihat real estate dengan sales type buy beserta dengan detailnya. Jika member mengklik tombol buy, maka real estate akan ditambahkan ke cart. Jika guest mengklik tombol buy, maka akan di redirect ke login page.

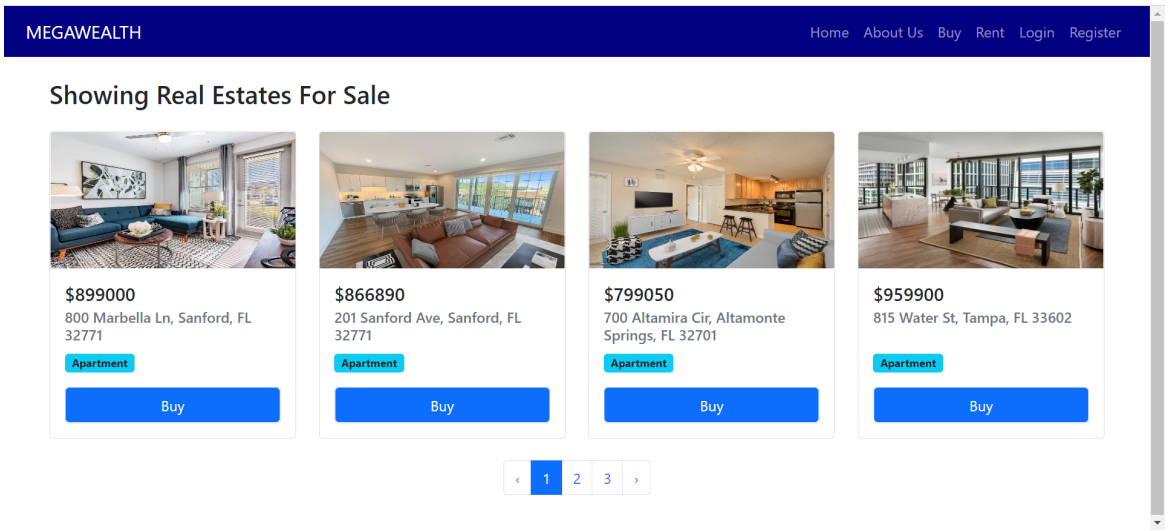

Figure 12. Buy Page (Guest)

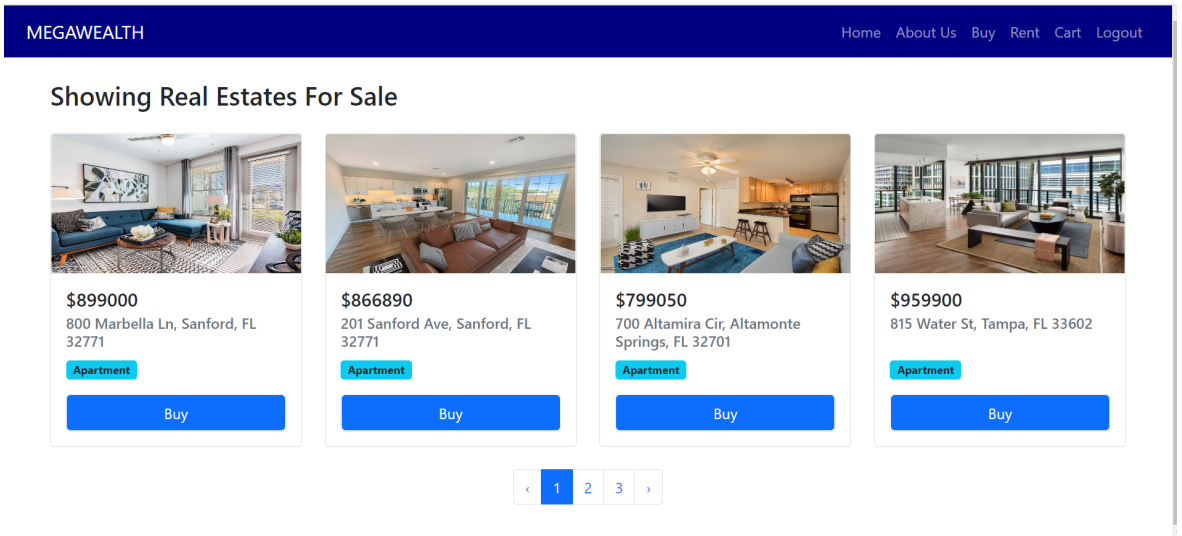

Figure 13. Buy Page (Member)

7. Rent Page

User dapat melihat real estate dengan sales type rent beserta dengan detailnya. Jika member mengklik tombol rent, maka real estate akan ditambahkan ke cart. Jika guest mengklik tombol rent, maka akan di redirect ke login page.

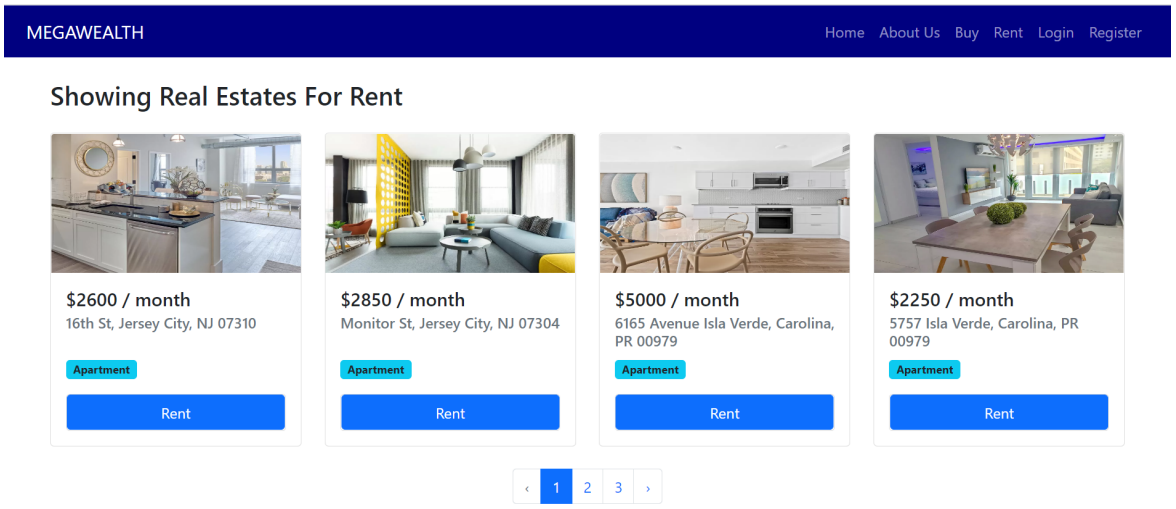

Figure 14. Rent Page (Guest)

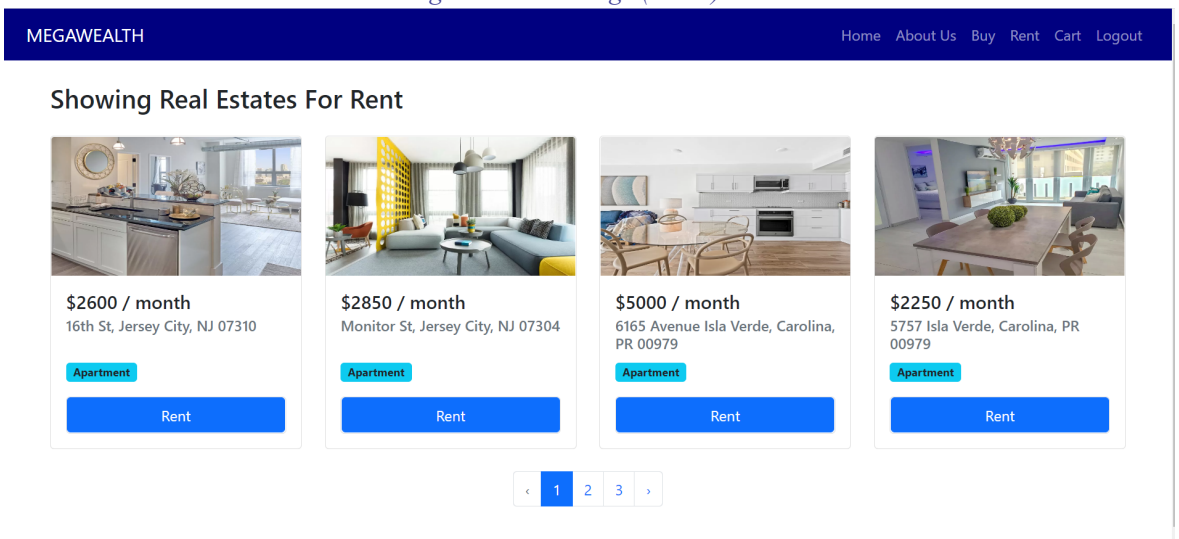

Figure 15. Rent Page (Member)

8. Cart Page

User dapat melihat real estate yang telah ditambahkan ke cart. Jika user mengklik tombol cancel, maka real estate akan di-remove dari cart, sedangkan jika user mengklik tombol checkout, maka user akan diarahkan ke Home Page dengan alert success dan real estate pada cart user akan di remove.

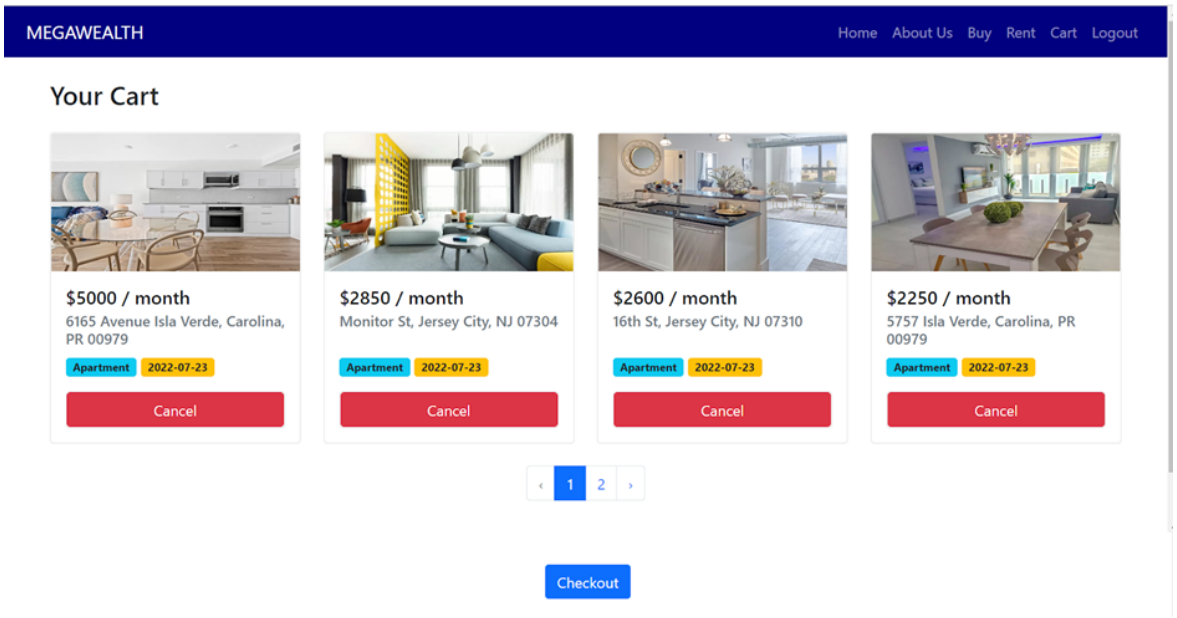

Figure 16. Cart Page

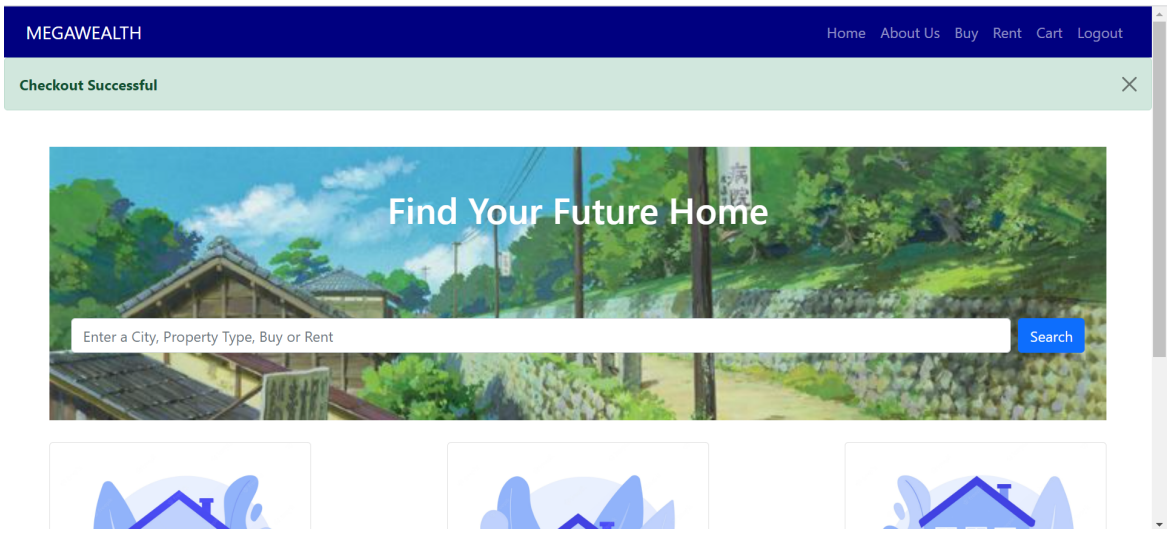

Figure 17. Cart Redirect to Home

Jika tidak ada real estate pada cart, maka akan muncul message.

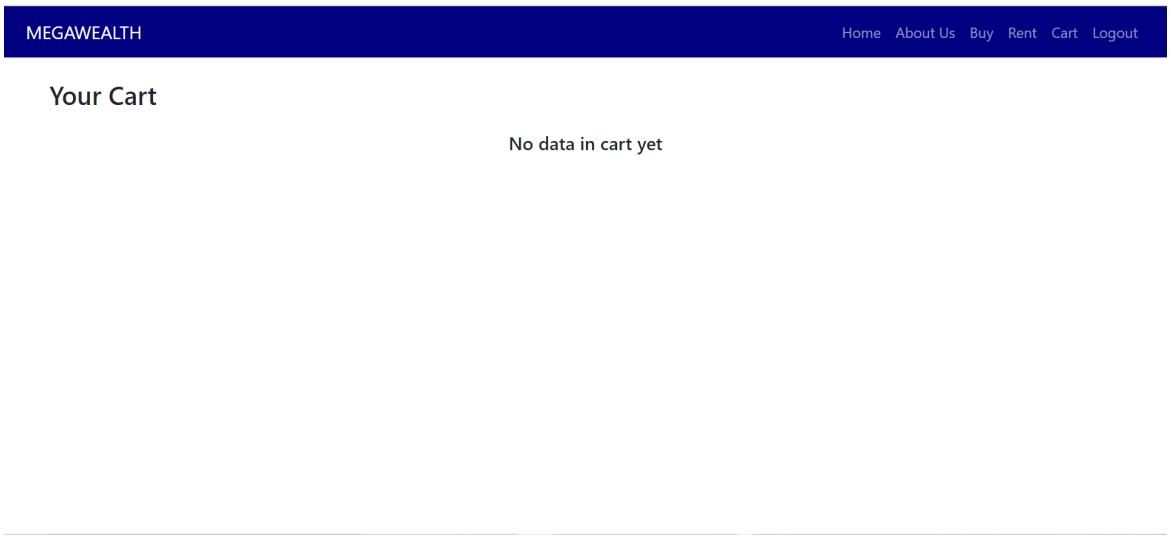

Figure 18. Cart Page (No data)

9. Manage Company Page

User dapat memilih menu add office, update office atau delete office untuk menuju ke halaman tersebut.

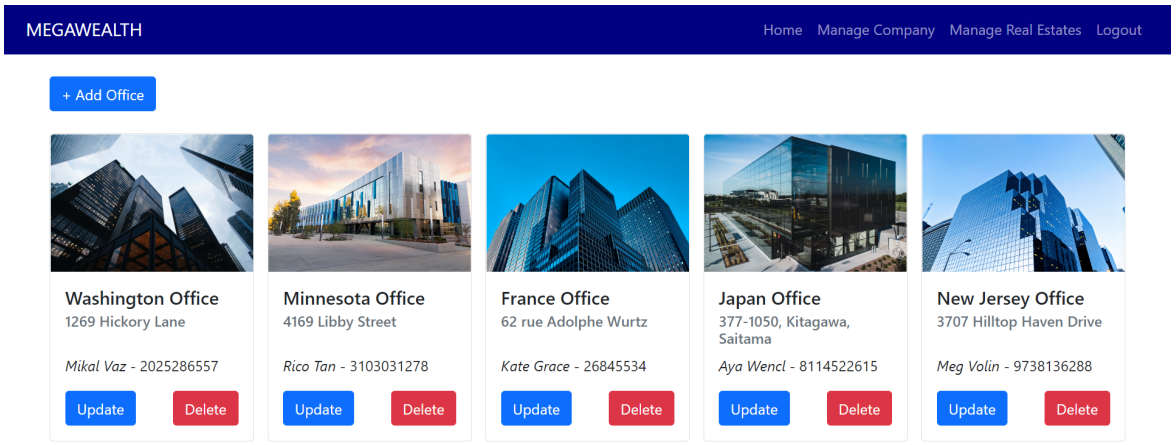

Figure 19. Manage Company Page

10. Add Office Page

User dapat menginput name, address, contact name, phone number, dan image untuk menambahkan office baru.

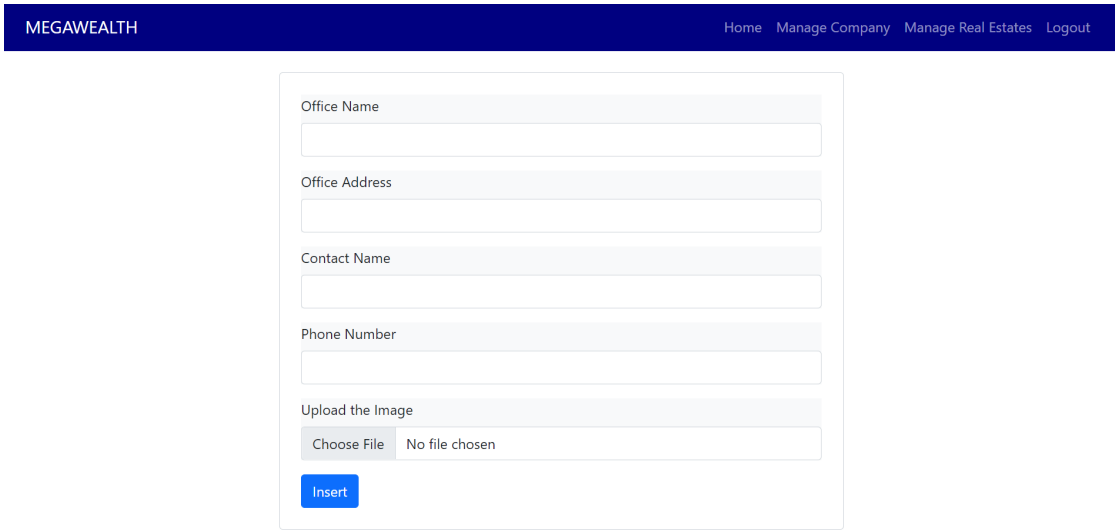

Figure 20. Add Office Page

Jika input tidak sesuai ketentuan, maka akan muncul error message.

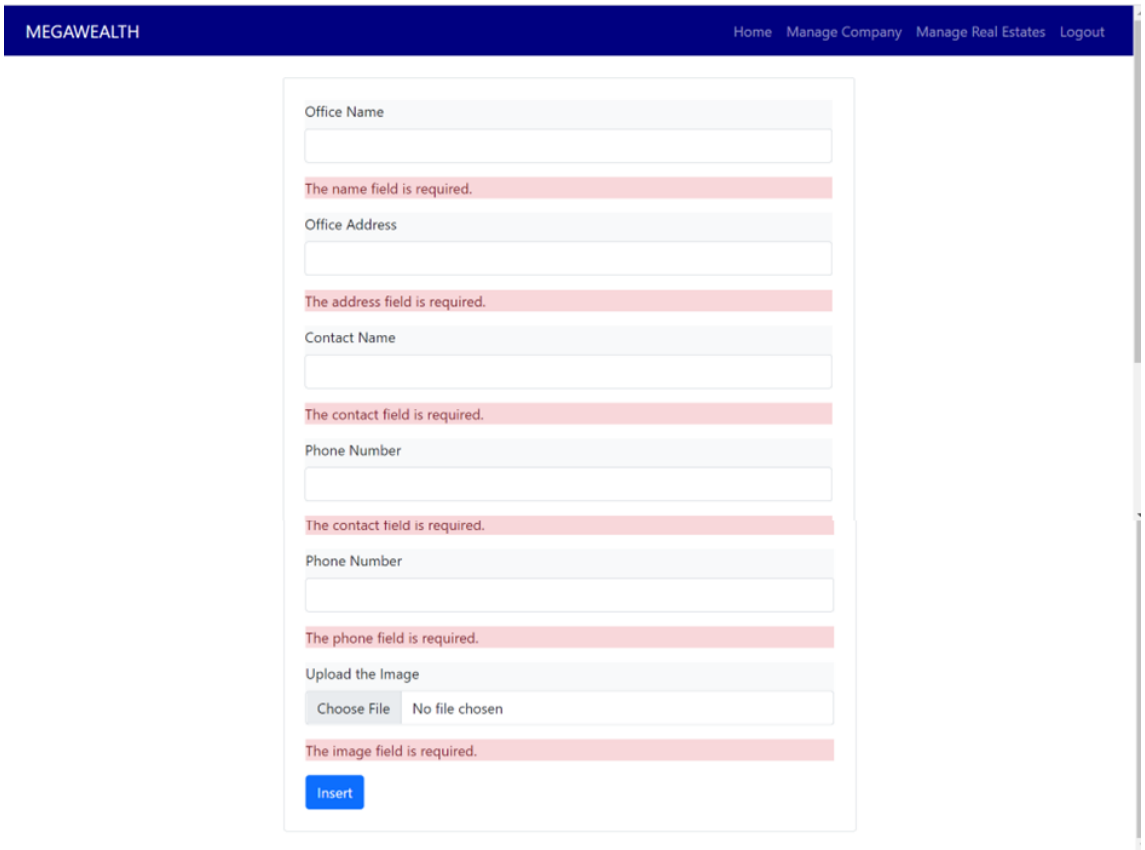

Figure 21. Add Office Page (Errors)

11. Update Office Page

User dapat melakukan update pada data office.

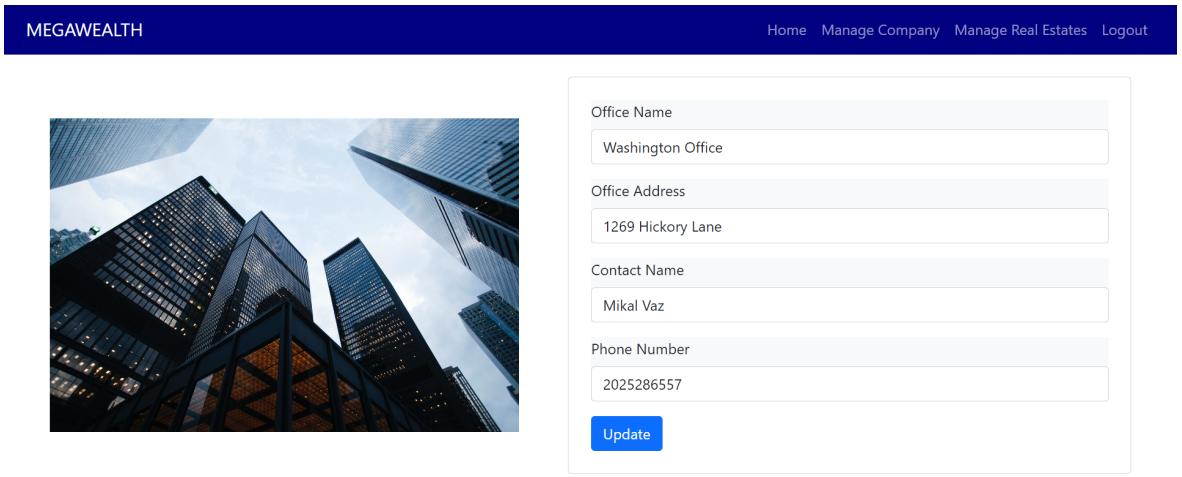

Figure 22. Update Office Page

Jika input tidak sesuai ketentuan, maka akan muncul error message.

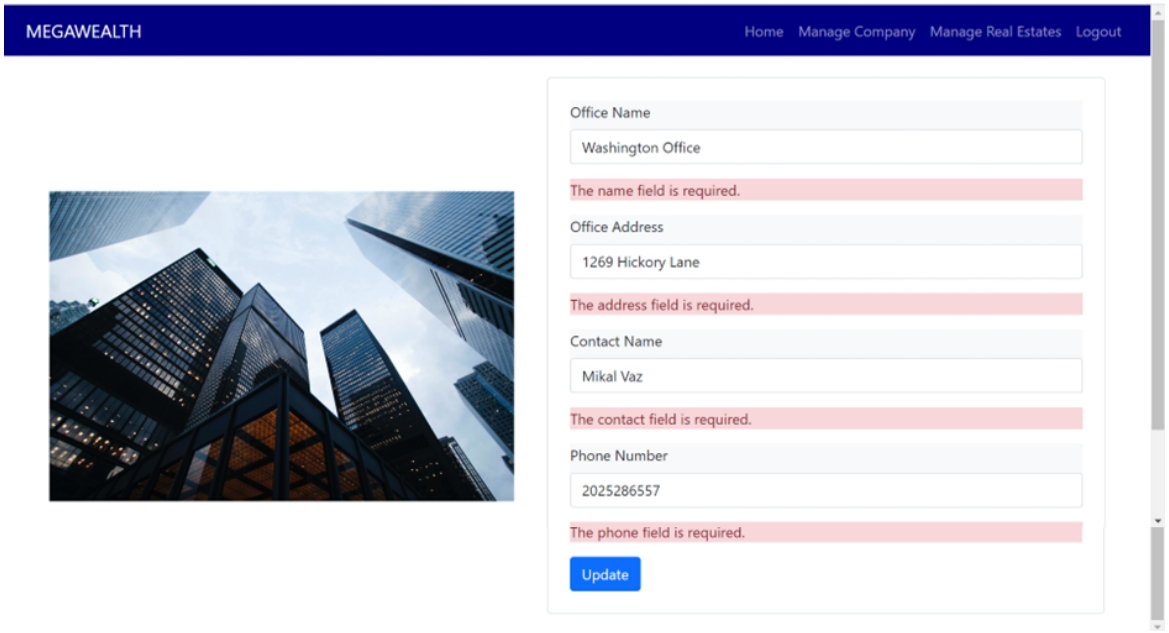

Figure 23. Update Office Page (Errors)

12. Manage Real Estate Page

User dapat memilih menu add real estate, update real estate atau delete real estate untuk menuju ke halaman tersebut.

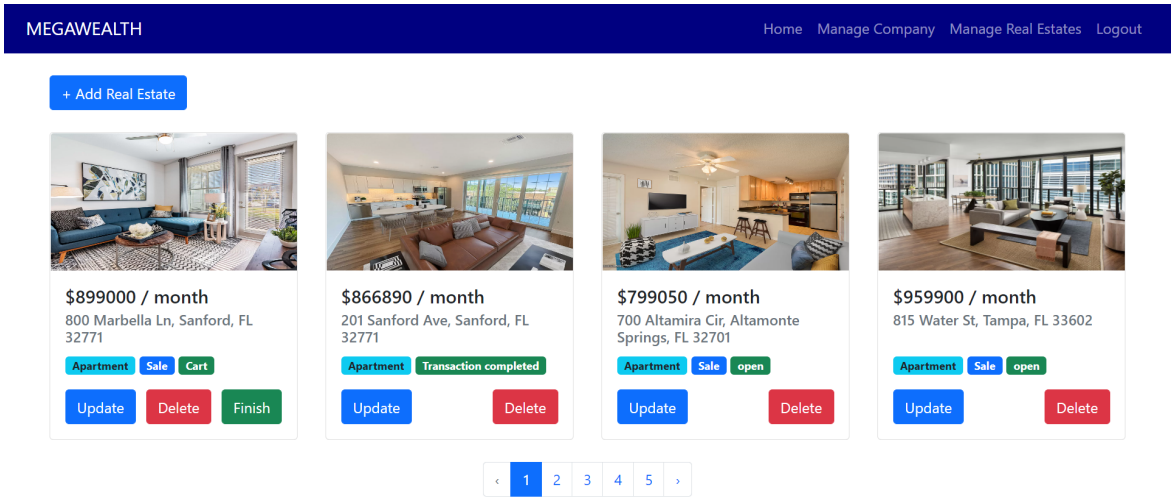

Figure 24. Manage Real Estate Page

13. Add Real Estate Page

User dapat menginput sales type, building type, price, location dan image untuk menambahkan real estate baru.

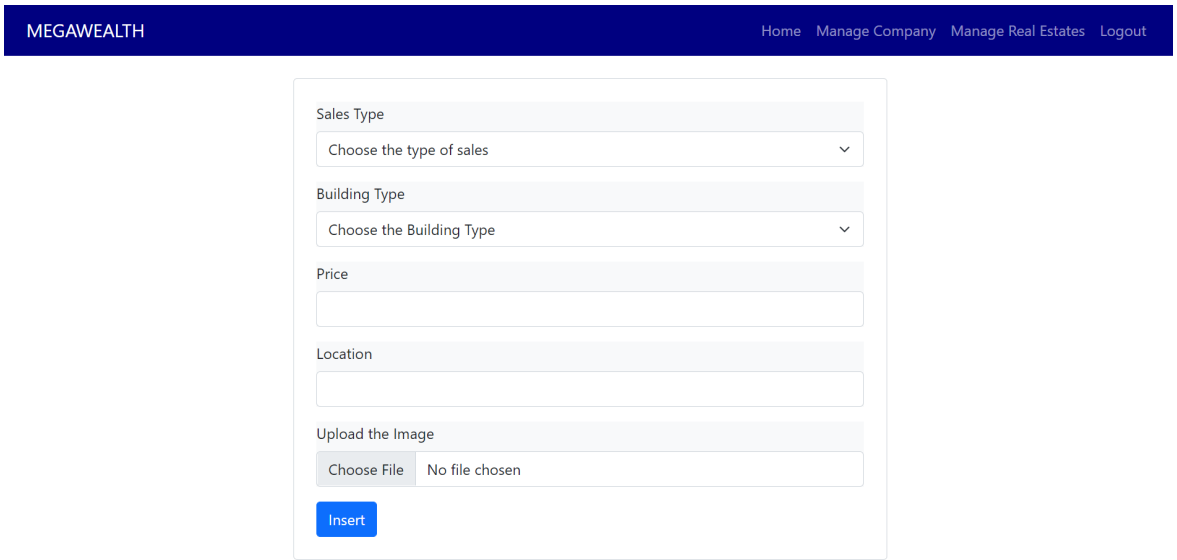

Figure 25. Add Real Estate Page

Jika input tidak sesuai ketentuan, maka akan muncul error message.

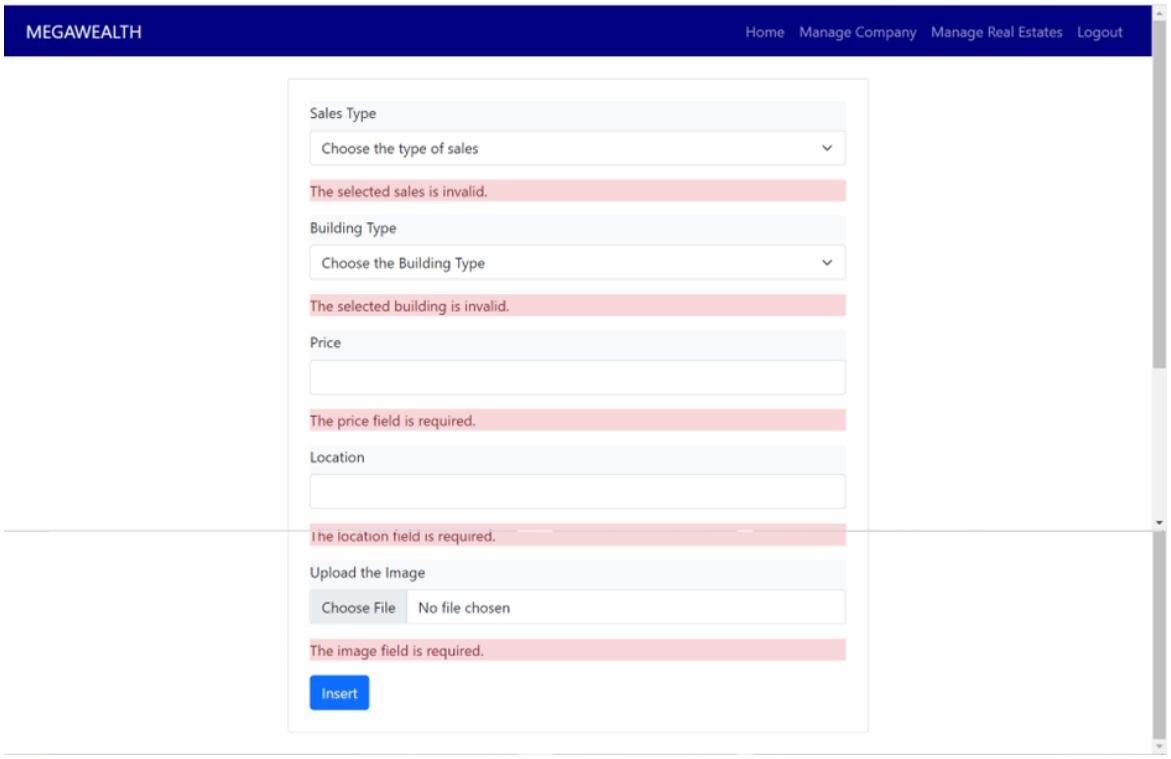

Figure 26. Add Real Estate Page (Errors)

14. Update Real Estate Page

User dapat melakukan update pada data real estate.

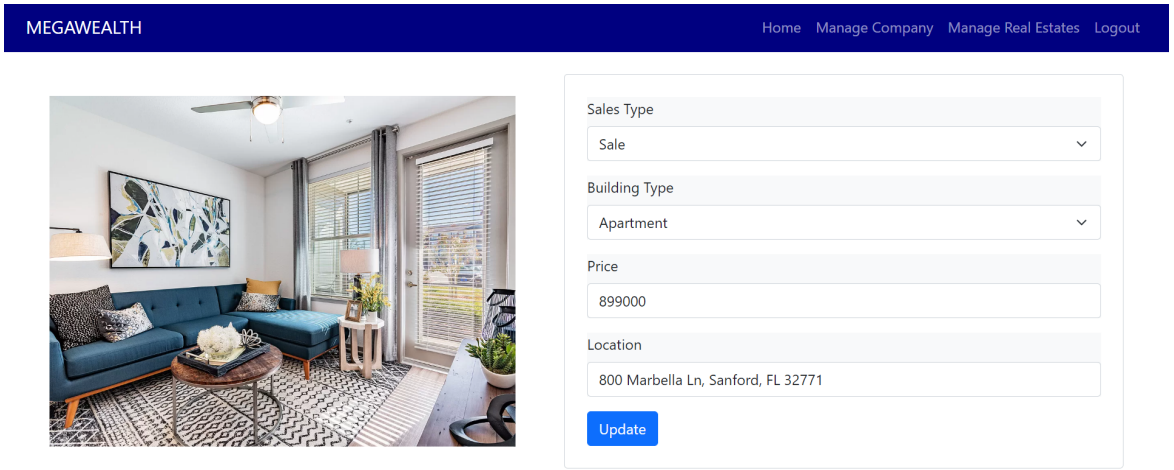

Figure 27. Update Real Estate

Jika input tidak sesuai ketentuan, maka akan muncul error message.

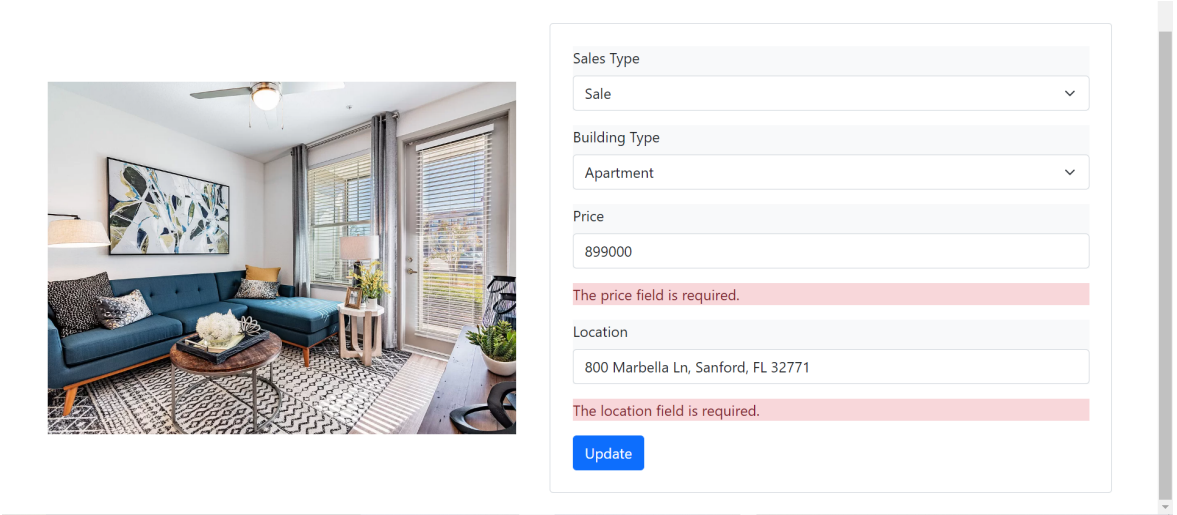

Figure 28. Update Real Estate Page (Errors)

15. Logout

User yang sudah login dapat menekan tombol log out dan akan di-redirect ke halaman login.

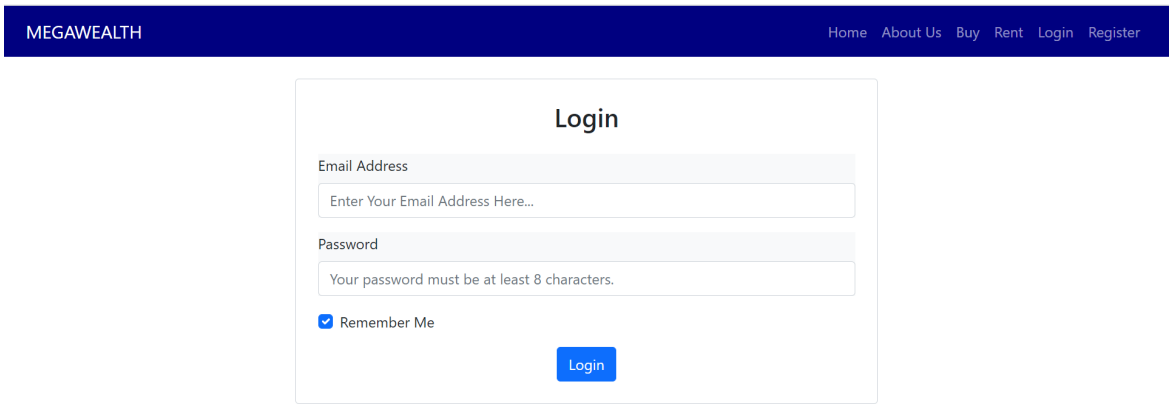

Figure 29. Logout redirect to login

16. Register Endpoint

POST localhost:8000/api/register Send

Params Authorization Headers (13) Body Pre-request Script Tests Settings Cookies

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

KEY	VALUE	DESCRIPTION
name	user1	
email	user1@gmail.com	
password	password	

Body Cookies (2) Headers (10) Test Results 200 OK 912 ms 336 B Save Response

Pretty Raw Preview Visualize JSON

```
{
    "status": "Register Success"
}
```

Figure 30. Register Endpoint (Success)

POST localhost:8000/api/register Send

Params Authorization Headers (13) Body Pre-request Script Tests Settings Cookies

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

name	user1	
email	user@gmail.com	
password	123	

Body Cookies (2) Headers (10) Test Results 422 Unprocessable Content 353 ms 508 B Save Response

Pretty Raw Preview Visualize JSON

```
    "message": "The email has already been taken. (and 1 more error)",
    "errors": {
        "email": [
            "The email has already been taken."
        ],
        "password": [
            "The password must be at least 8 characters."
        ]
```

Figure 31. Register Endpoint (Errors)

17. Login Endpoint

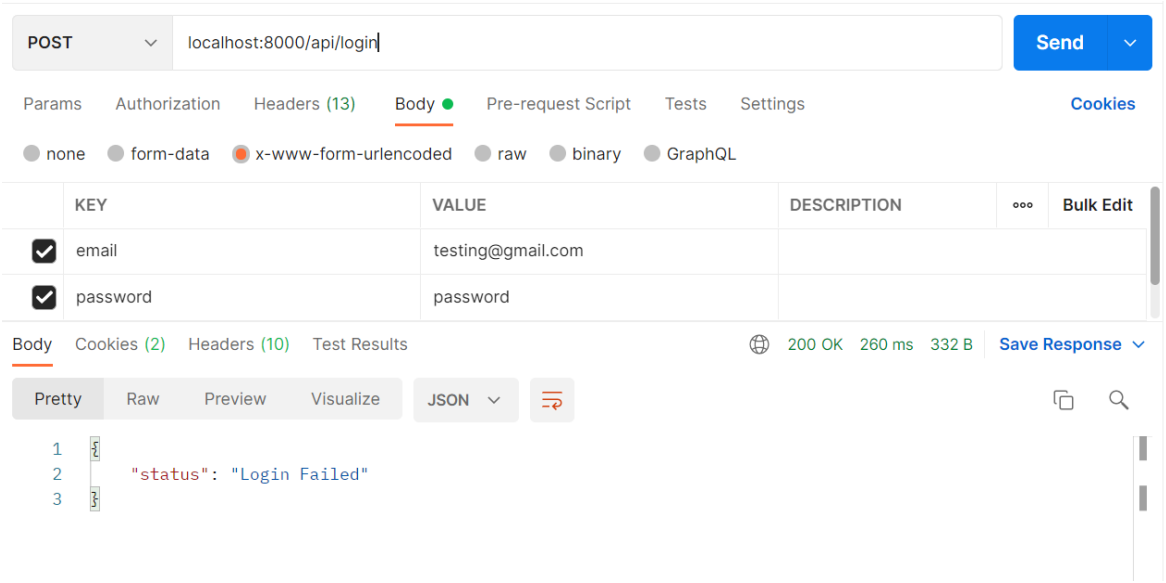

Figure 32. Login Endpoint (Invalid Credentials)

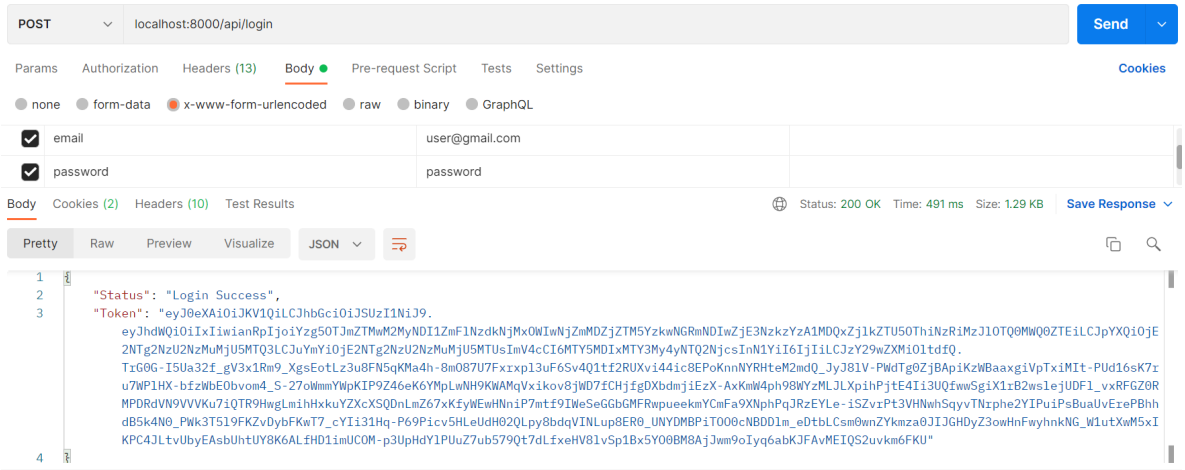

Figure 33. Login API (Successful)

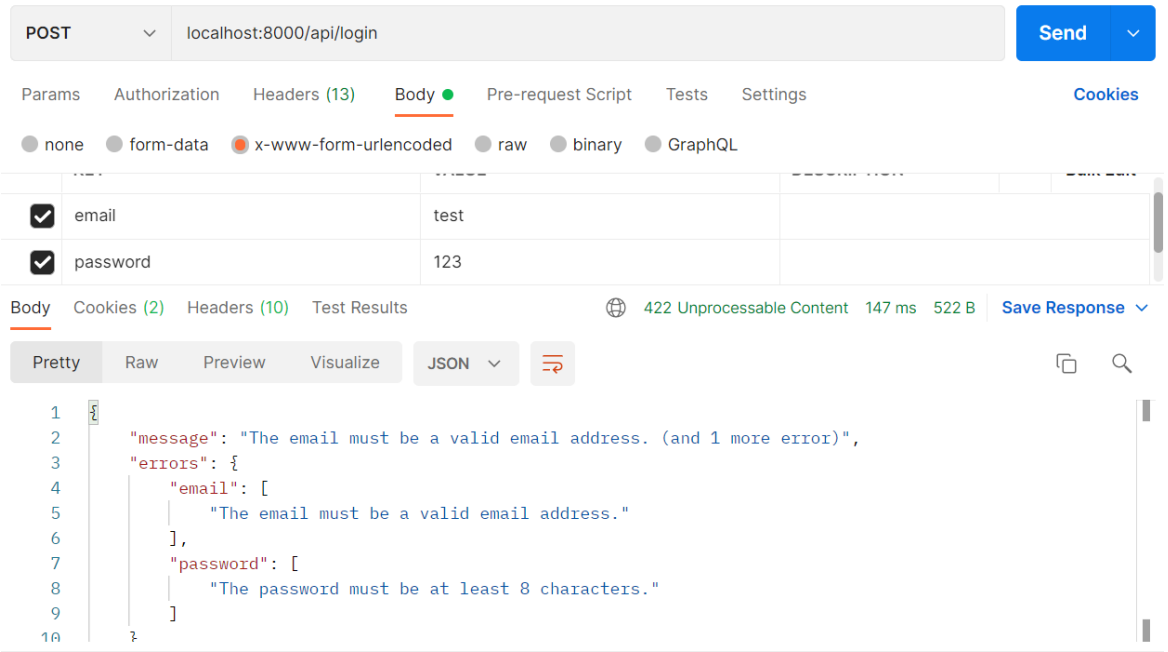

Figure 34. Login Endpoint (Errors)

18. Transaction Endpoint

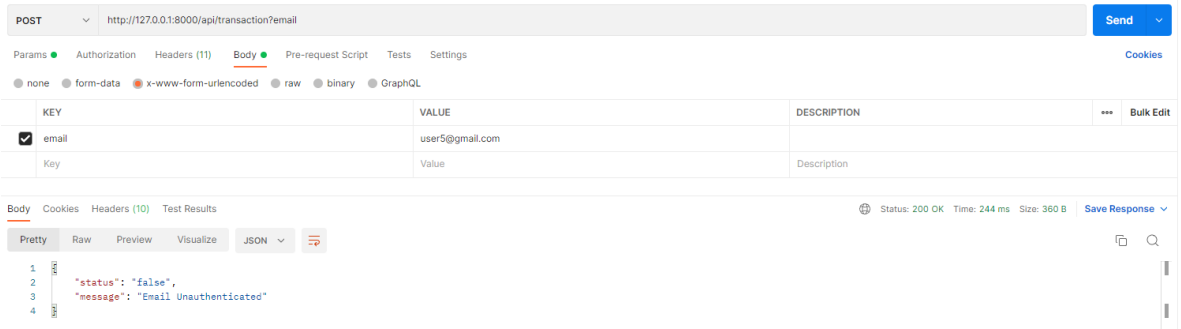

Figure 35. Transaction Endpoint (Wrong Token)

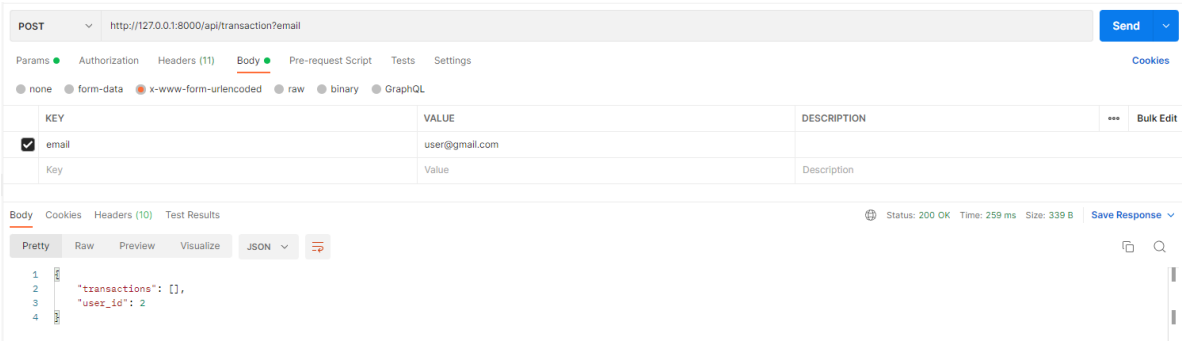

Figure 36. Transaction Endpoint (No Transaction)

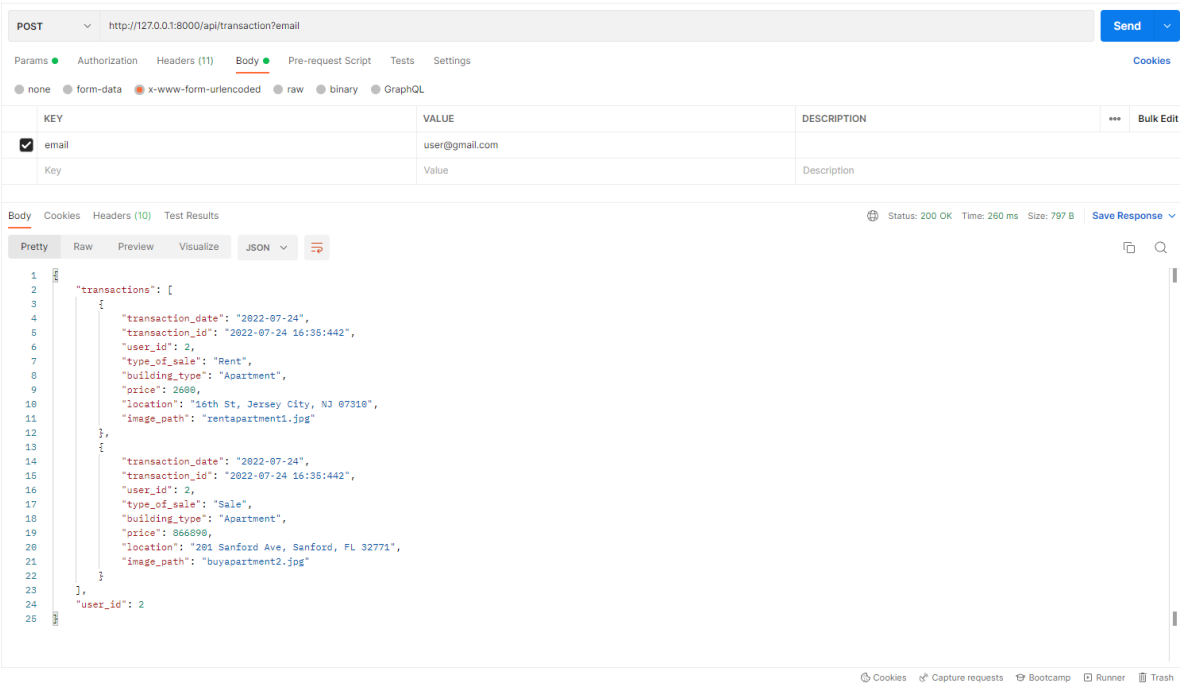

Figure 37. Transaction Endpoint (Successful)

- **References**

8068c0c60d1e03a5d0287fc62d28f34a.jpg (715×403) (pinimg.com)

89113a2f8d8e3fd9af9380dfa04bcfc8.png (1600×900) (pinimg.com)

house-sale-abstract-concept-vector-illustration-selling-house.jpg (2000×2000) (freepik.com)

house-rent-abstract-concept-vector-illustration-booking-house.jpg (2000×2000) (freepik.com)

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