

Conducted positive test cases creation to validate key functionalities and core usability features. Each test case ensured the system behaved as expected under valid input conditions, confirming seamless workflows and functionality. The testing process resulted in 100% success for all positive scenarios, demonstrating that the application meets functional requirements and delivers a user-friendly experience.

Negative Test Cases

Test Script - Notes WebApps

File Edit Tampilan Sisipan Format Data Alat Ekstensi Bantuan

Menu 100% Default

A1

No	PIC	Feature	Test Scenario	Steps	Data	Expected Result	Actual Result	Status	ETA	Notes
Register										
1	Hadi	Register Page	Lakukan registrasi akun dengan invalid email	1. Input Name 2. Input Invalid Email 3. Input Password 4. Input Confirm Password 5. Click button Register	Name: test02 Email: test02.com Password: test02 Confirm Password: test02	Menampilkan pesan error	Menampilkan pesan error	Passed		
2	Hadi	Register Page	Lakukan registrasi akun dengan password yang berbeda	1. Input Name 2. Input Email 3. Input Password 4. Input Invalid Confirm Password 5. Click button Register	Name: test02 Email: test02.com Password: test02 Confirm Password: test23	Menampilkan pesan error	Menampilkan pesan error	Passed		
3	Hadi	Register Page	Lakukan registrasi akun dengan mengosongkan semua field	1. Click button Register	-	Menampilkan pesan error	Menampilkan pesan error	Passed		
4	Hadi	Register Page	Lakukan registrasi dengan akun yang sudah terdaftar	1. Input Name 2. Input Email 3. Input Password 4. Input Confirm Password 5. Click button Register	Name: test01 Email: test01@gmail.com Password: test01 Confirm Password: test01	Menampilkan pesan error	Menampilkan pesan error	Passed		
Login										
5	Hadi	Login Page	Lakukan login dengan invalid akun	1. Input Invalid Email 2. Input Password 3. Click button Login	Email: test01.com Password: test01	Gagal melakukan login	Gagal melakukan login	Passed		
6	Hadi	Login Page	Lakukan login dengan invalid password	1. Input Email 2. Input Invalid Password 3. Click button Login	Email: test01@gmail.com Password: test02	Gagal melakukan login	Gagal melakukan login	Passed		
7	Hadi	Login Page	Lakukan login dengan mengosongkan semua field	1. Click button Login	-	Gagal melakukan login	Gagal melakukan login	Passed		
Search Note										
8	Hadi	Search Note	Lakukan pencarian judul note yang tidak terdaftar	1. Input Judul Note	Judul: test123456789	Tidak menampilkan data	Tidak menampilkan data	Passed		

Positive TC

Negative TC

API TC

Conducted negative test cases creation to ensure the application handles invalid inputs and unexpected user actions gracefully. These tests focused on scenarios such as entering incorrect login credentials, attempting to register with already existing user accounts and any validation system behavior. The results confirmed that the application appropriately prevents errors, displays meaningful feedback messages, and maintains stability, ensuring a robust user experience even in non-ideal conditions.

API Positive Test Cases

Test Script - Notes WebApps

File Edit Tampilan Sisipan Format Data Alat Ekstensi Bantuan

Menu 100%

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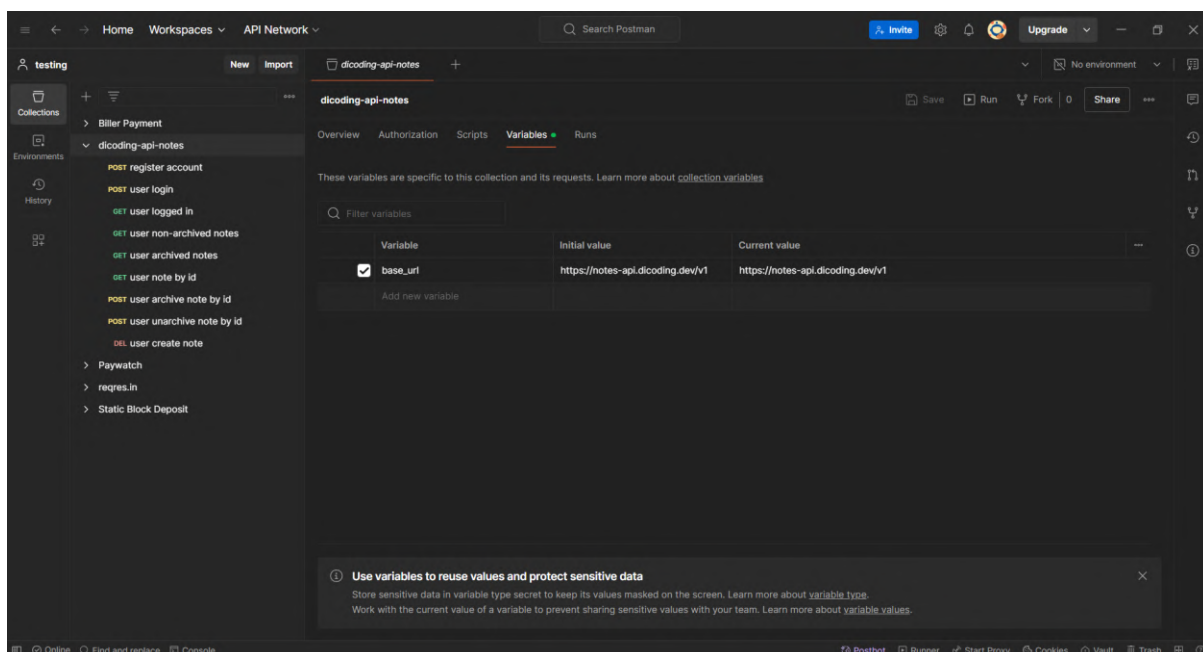
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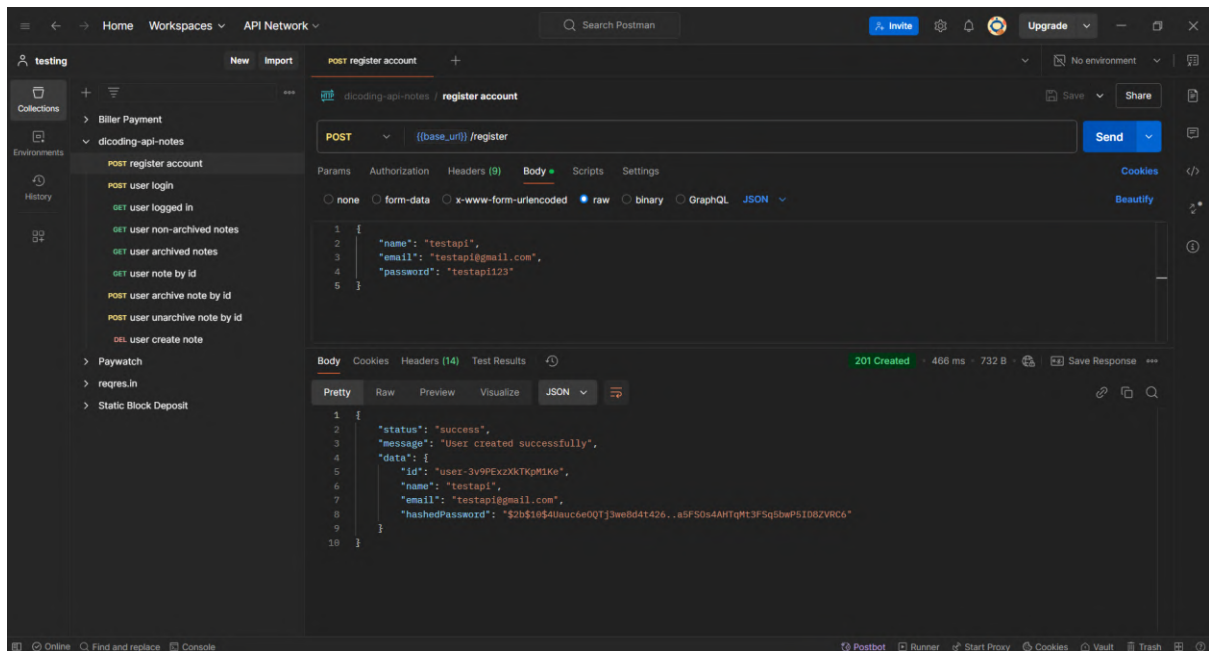
API Negative Test Cases

Create API Negative cases for checking the API's behavior with invalid or edge-case inputs, such as incorrect login credentials, malformed JSON payloads, unauthorized requests, and exceeding input limits. These tests ensured the API returned appropriate error codes (e.g., 400 Bad Request, 401 Unauthorized) and descriptive error messages, maintaining system stability and reliability.

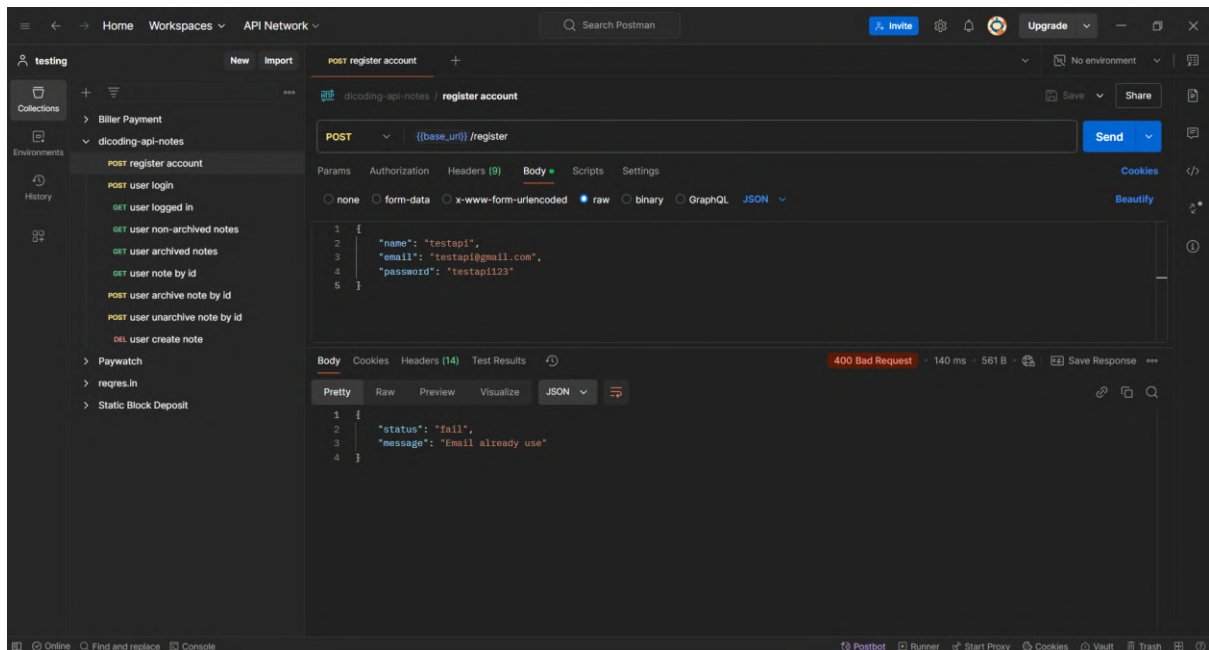
API Test Cases (Using Postman)



Executing API testing with define a variable on workspaces to make it easier to call the URL.

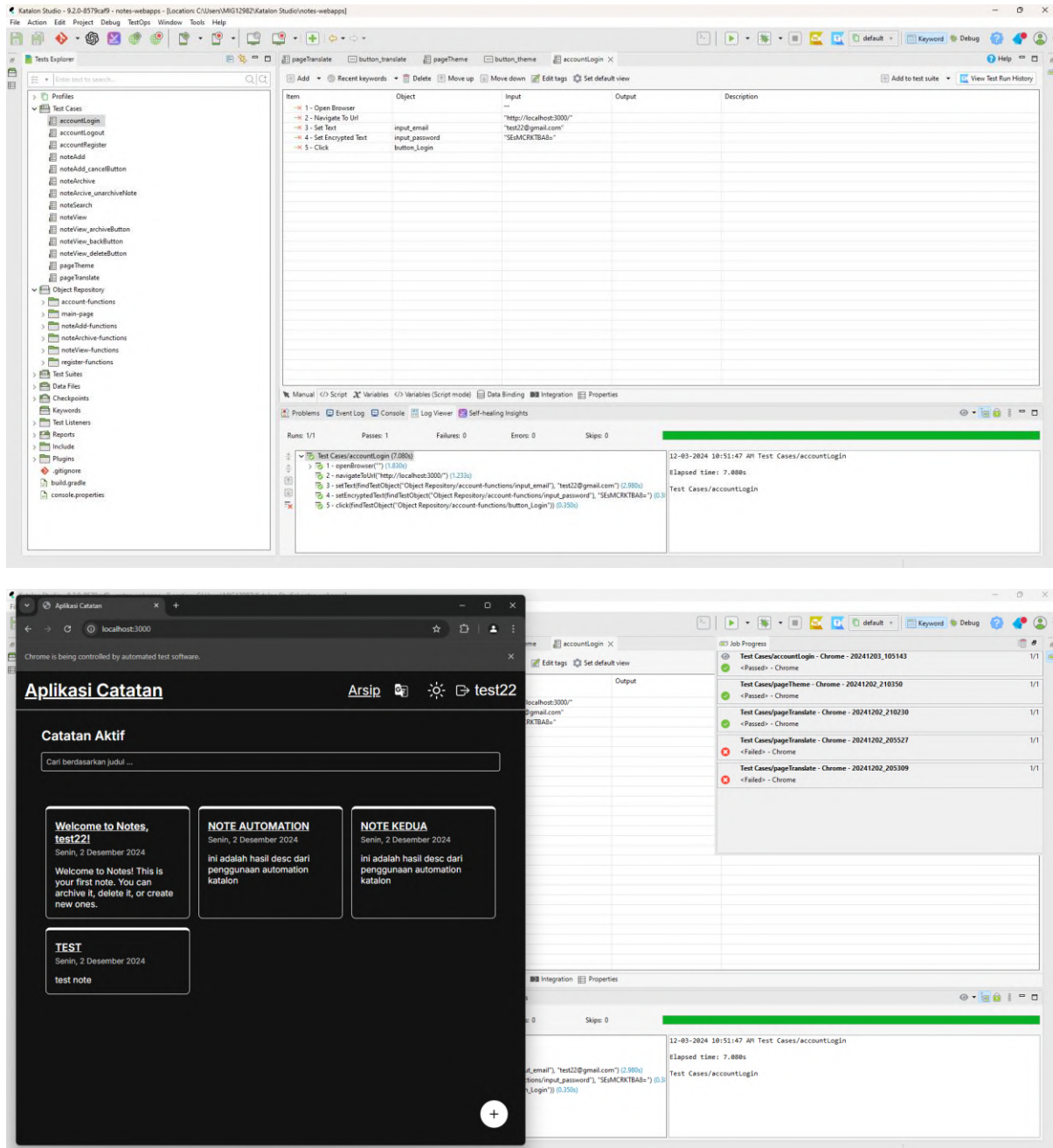


Example of API positive case execution, , ensuring correct responses.



Example of API negative test case, execute hit an API to register an account that already registered. These tests ensured the API returned appropriate error codes

Executing Testing Test Cases by Automation (Using Katalon)



After successfully executing manual testing for the Notes Web Apps project, I transitioned to utilizing Katalon Studio to automate test scenarios and enhance testing efficiency. The automated tests covered both positive and negative cases for key functionalities, including user authentication (login and register), note management (create, delete, search, and archive), and user interface features (dark/light theme and website translation).

This transition to automation streamlined the testing process, improved test coverage, and provided reliable results, further validating the application's functionality after manual testing.