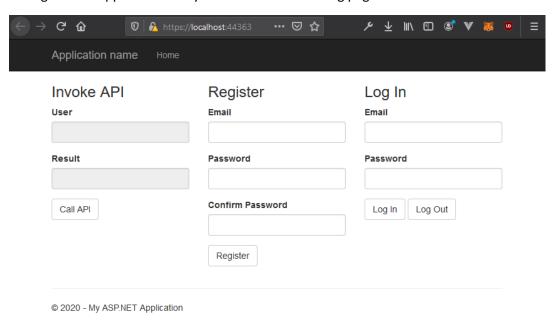
Task 3

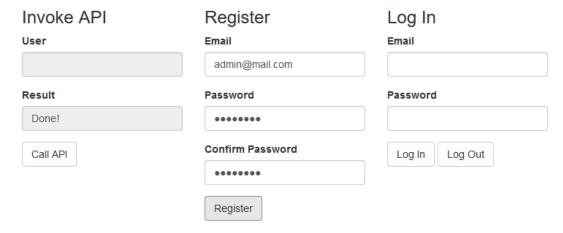
Browser

Debug run the application and you will see the following page on load.



Register

Register account by entering email and password twice.



Register can fail if email is already existed in the database.

Invoke API	Register	Log In	
User	Email	Email	
	admin@mail.com		
Result	Password	Password	
400: Bad Request	•••••		
Call API	Confirm Password	Log In Log Out	
The request is invalid.	•••••		
Name admin@mail.com is already taken.	Register		
Email 'admin@mail.com' is already			

Register can fail if password fails the validation process.

('A'-'Z').

Invoke API User	Register Email admin@mail.com	Log In
Result	Password	Password
400: Bad Request	••••	
Call API The request is invalid. The Password must be at least 6 characters long.	Confirm Password •••• Register	Log In Log Out
Invoke API	Register _{Email}	Log In
		Email
	admin@mail.com	Email
Result 400: Bad Request	admin@mail.com Password	Password

Log in

Log in to the account by entering email and password. (Bearer token will be created)

Invoke API	Register	Log In
User	Email	Email
admin@mail.com		admin@mail.com
Result	Password	Password
		•••••
Call API	Confirm Password	Log In Log Out
	Register	

Log in can fail if email does not exist or password is incorrect.

Invoke API	Register Email	Log In
		admin@mail.com
Result	Password	Password
400: Bad Request		•••••
Call API	Confirm Password	Log In Log Out
invalid_grant		
The user name or password is incorrect	Register	

Call API

After logging in, user will be able to call API. (Authorized using bearer token)

Invoke API	Register	Log In
User	Email	Email
admin@mail.com		admin@mail.com
Result	Password	Password
Hello, admin@mail.com.		•••••
Call API	Confirm Password	Log In Log Out
	Register	

API could not be called when user is not log on. (Due to lack of bearer token)

Invoke API	Register	Log In
User	Email	Email
Result	Password	Password
401: Unauthorized		
Call API	Confirm Password	Log In Log Out
Authorization has been denied for this request.	Register	

Postman

Localhost:

https://localhost:44363/

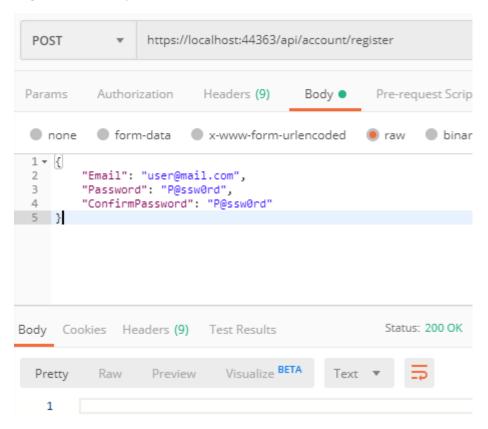
APIs:

Security Level	Туре	API Route
Anonymous	POST	api/account/register
Anonymous	POST	token
Authorized	GET	api/values

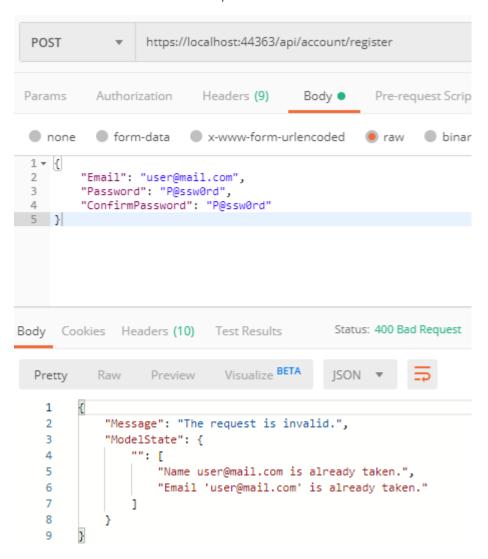
POST: api/account/register

Link: https://localhost:44363/api/account/register

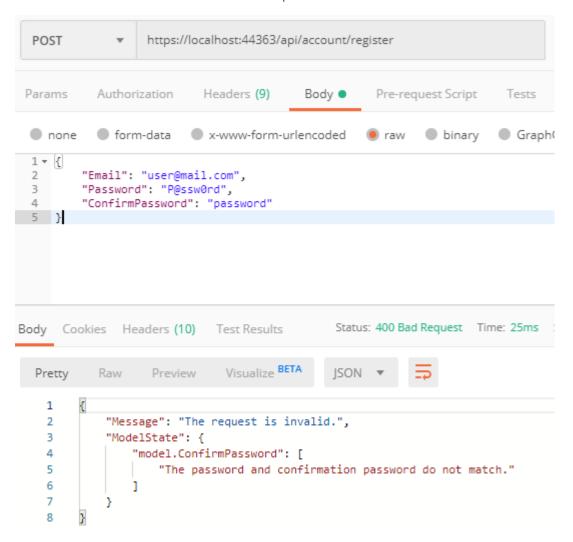
Register account by Post.



Exist email will lead to 400 Bad Request.



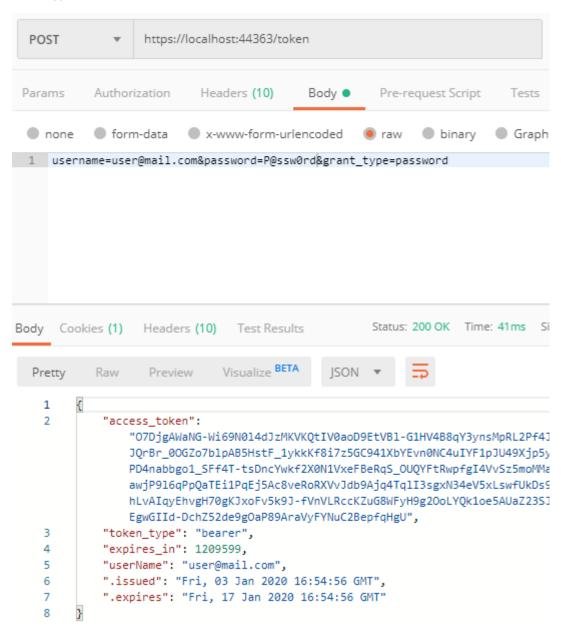
Fail model validation will lead to 400 Bad Request.



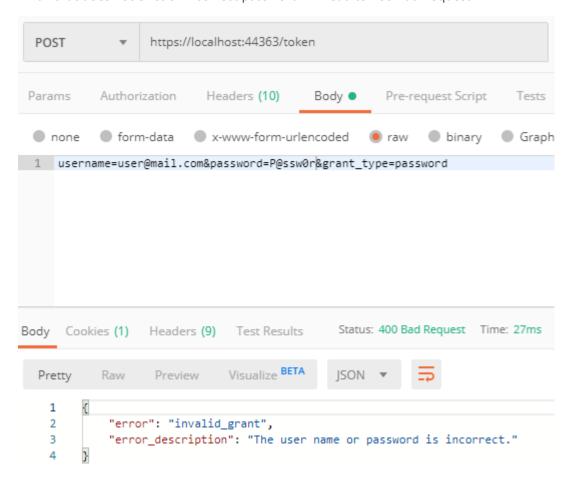
POST: token

Link: https://localhost:44363/token

Get token for API which need authorization by posting email and password. (Email is set as a ClaimType in the token)



Email that does not exist or incorrect password will lead to 400 Bad Request.

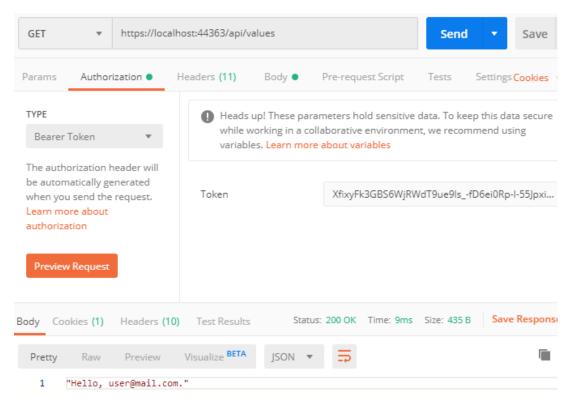


GET: api/values

Link: https://localhost:44363/api/values

(Requires Bearer token)

Get request with bearer token. (Email is derived from a ClaimType in the token)



Get request without bearer token will lead to 403 Unauthorized .

