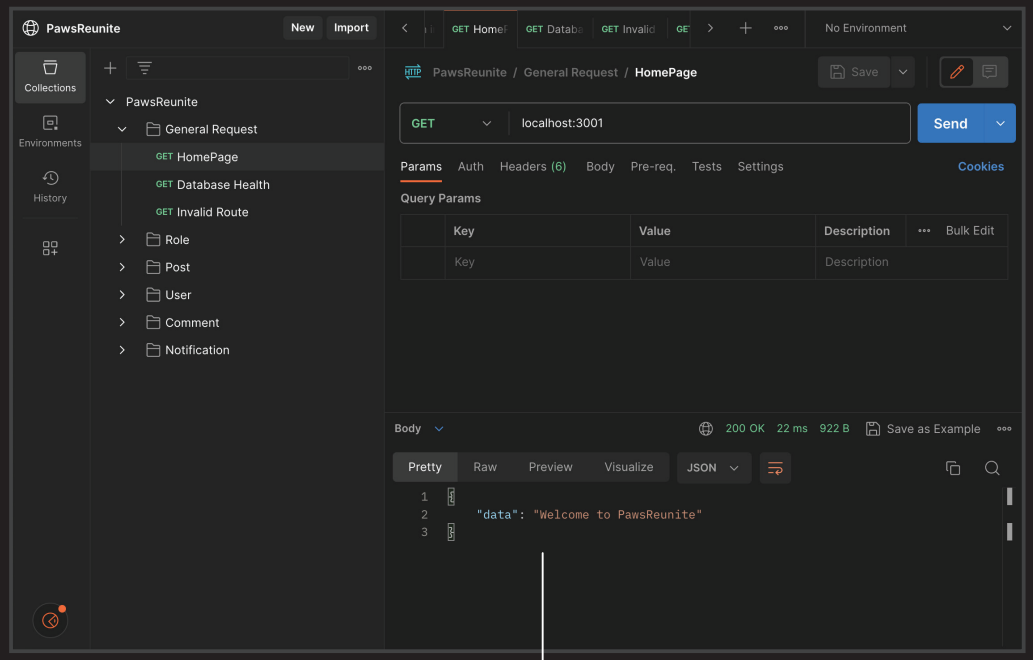
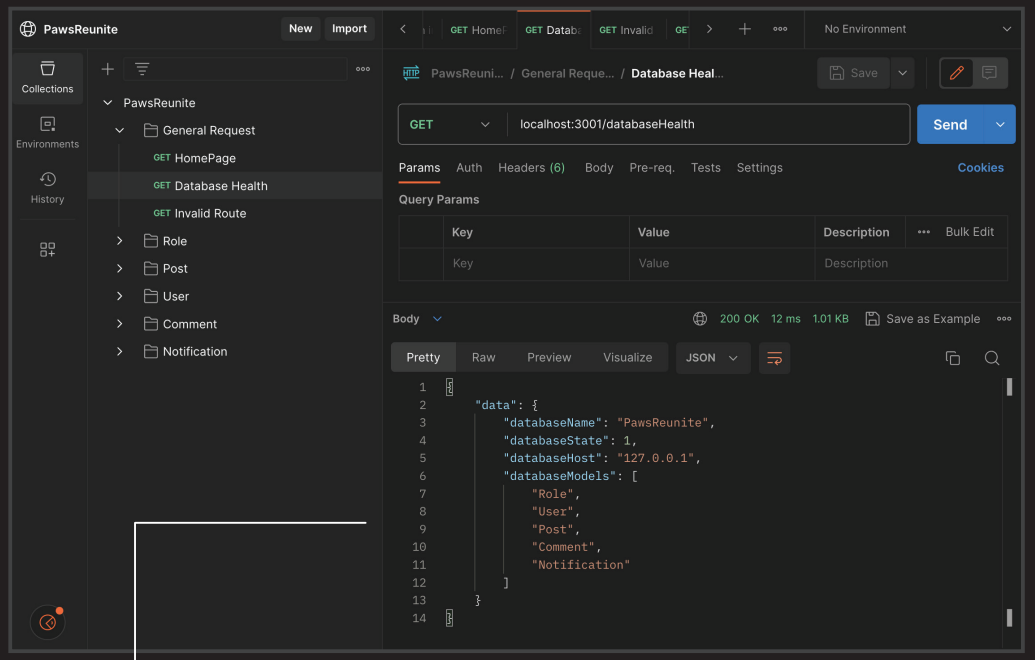
PAWSREUNITE - Backend Dev Testing

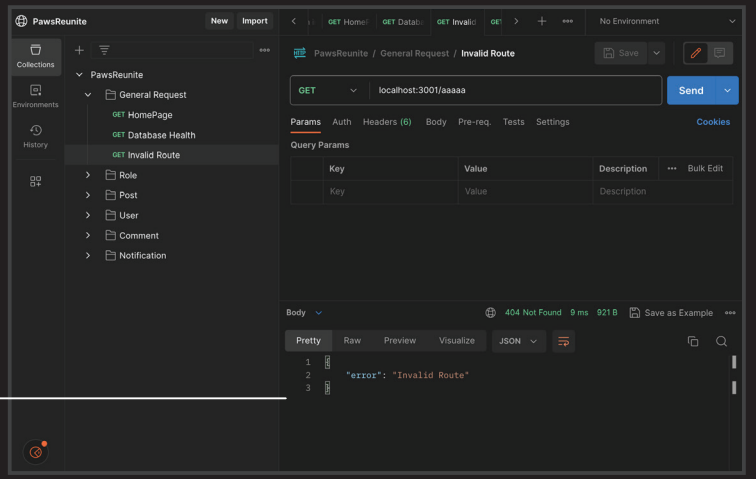
1. General Route



The dev server is running at port 3001
GET localhost:3001/

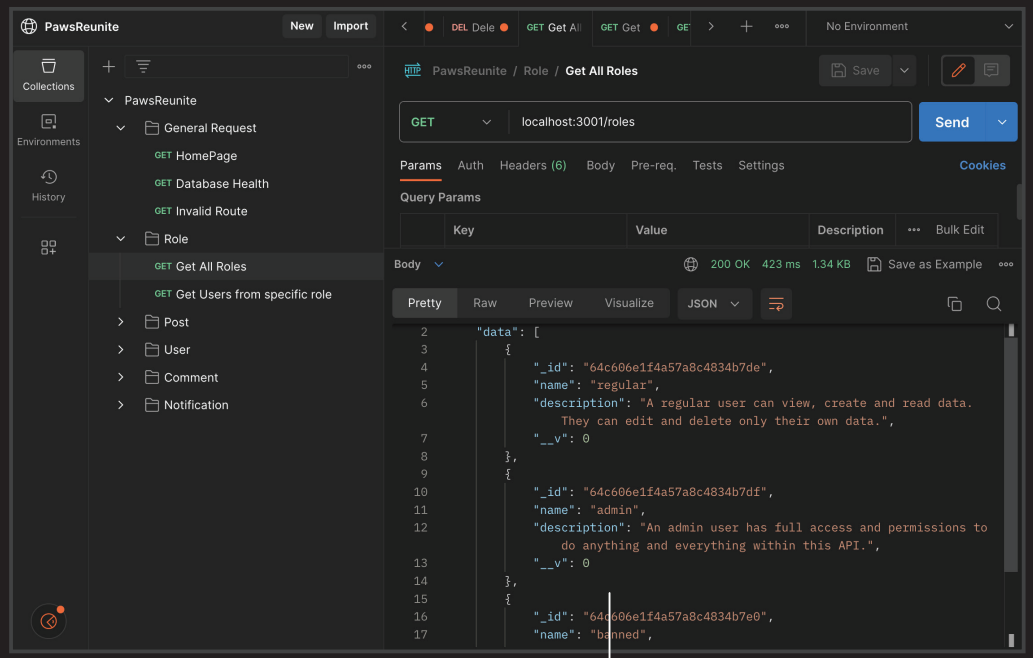


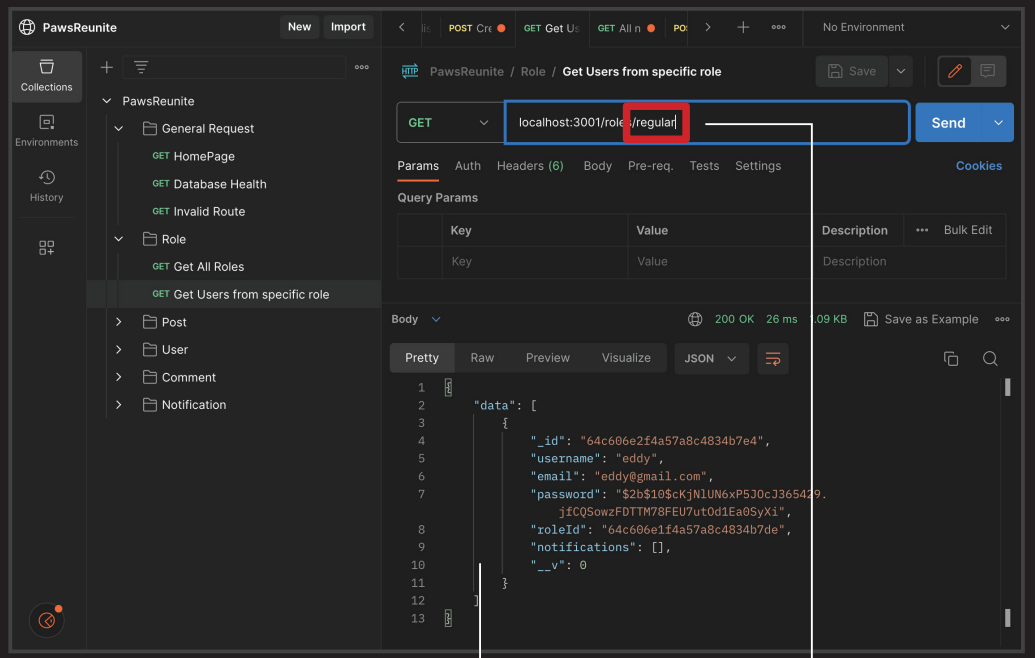
Connected to dev database PawsReunite
List number of the models
GET localhost:3001/databaseHealth



Invalid Route
GET localhost:3001/aaaaa

2. Role Route



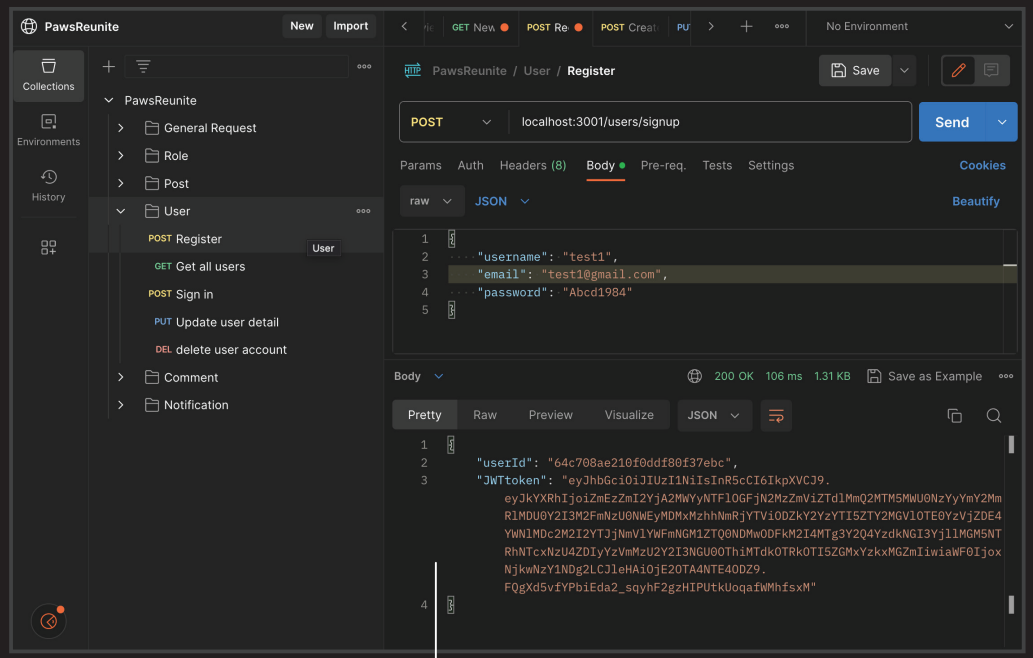


Return All Roles
GET localhost:3001/roles

Return All Users from specific role
GET localhost:3001/roles/regular

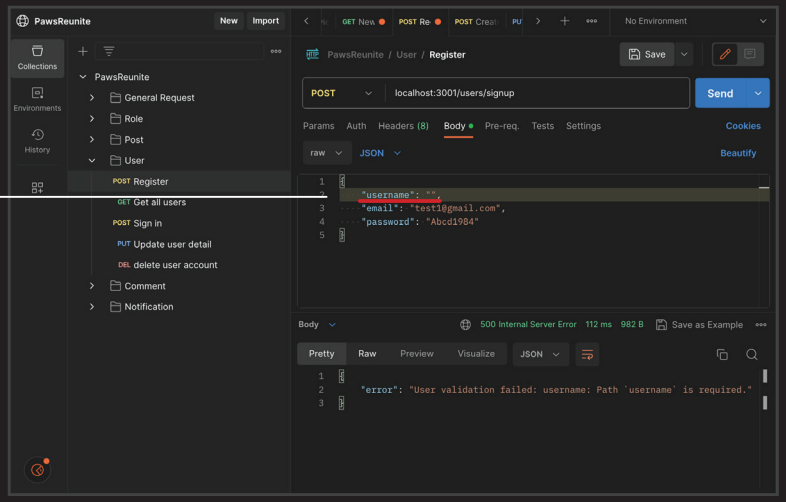
Params could be “regular, admin and banned”

3. User Route - Signup

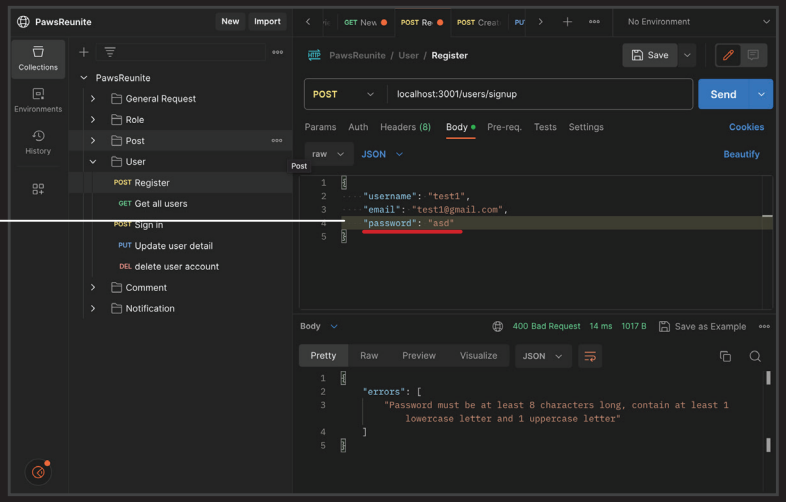


Successfully Signup

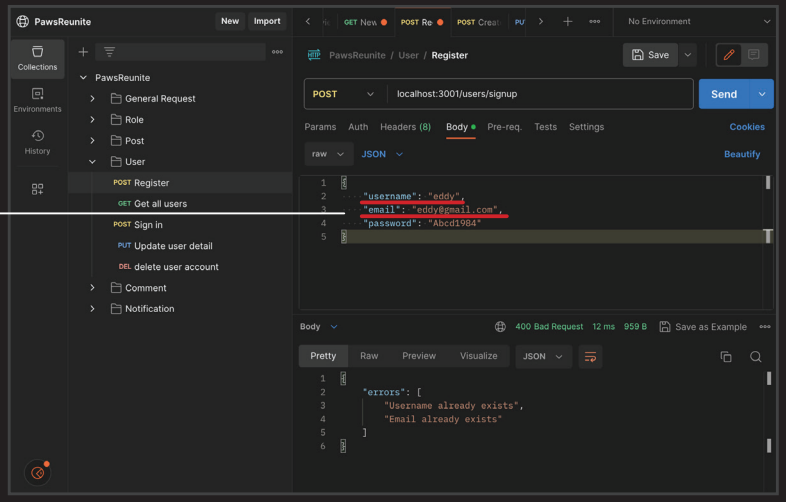
POST localhost:3001/users/signup



Return error message
when username is missing

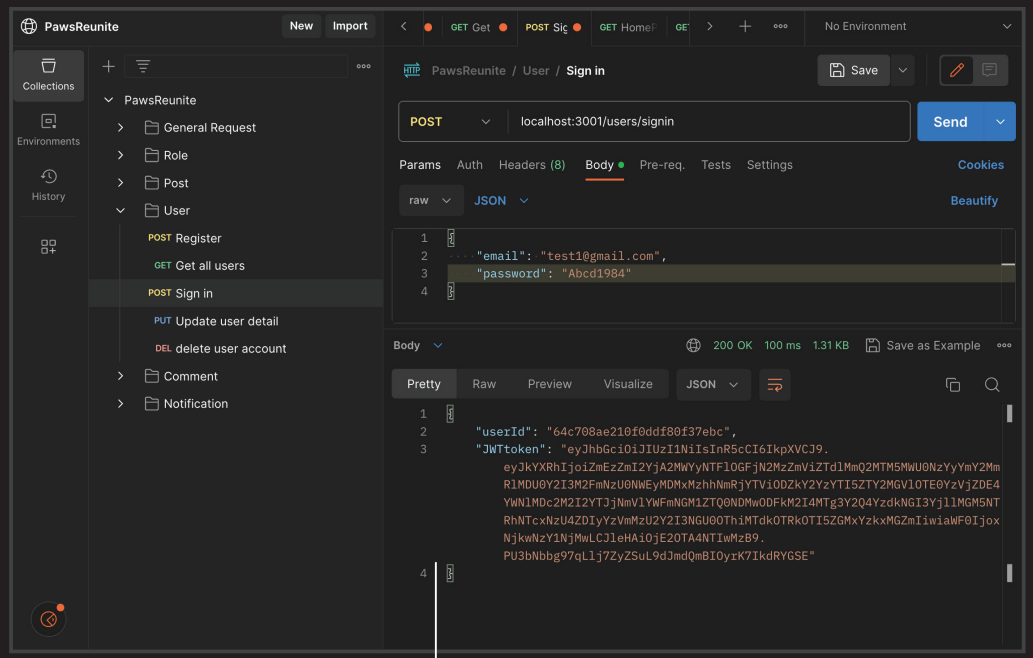


Return error message
when password is not strong



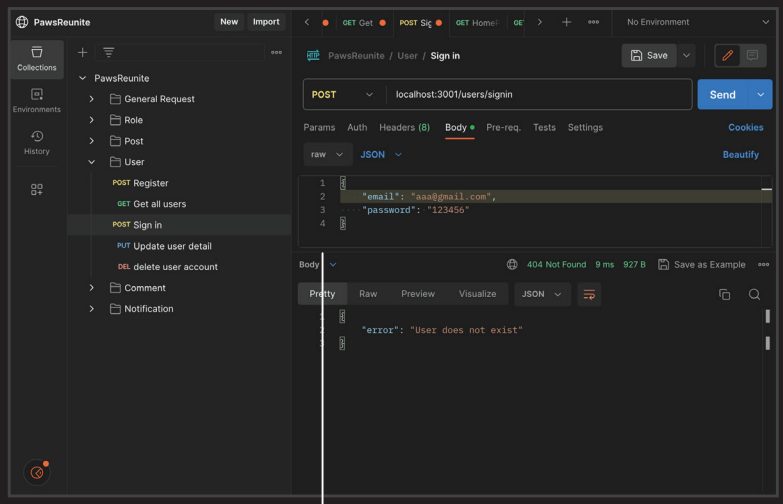
Return error message
when username or password is already
exist in Database

3. User Route - Login

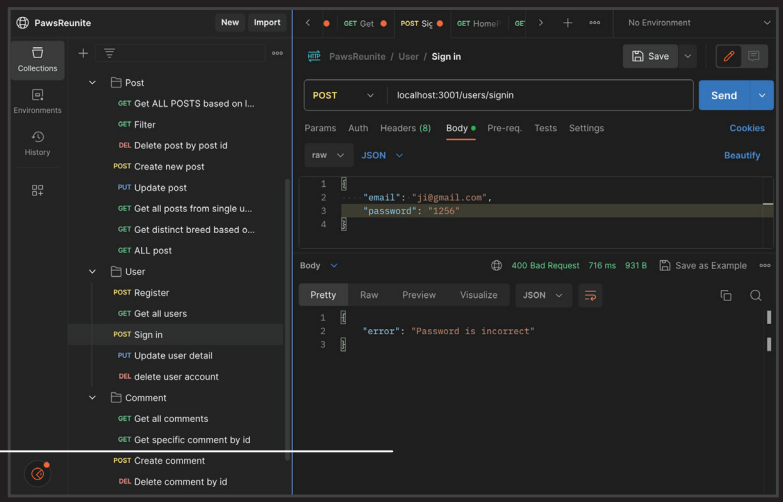


Successfully Signin
POST localhost:3001/users/signin

Return UserId and JWT

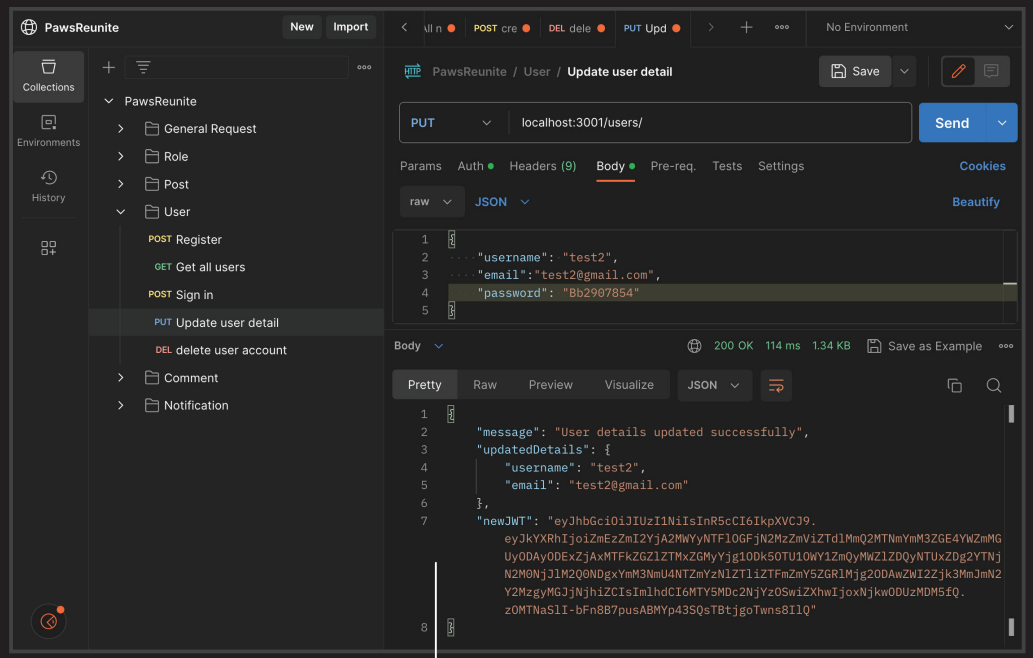


Return error message
when can't find username

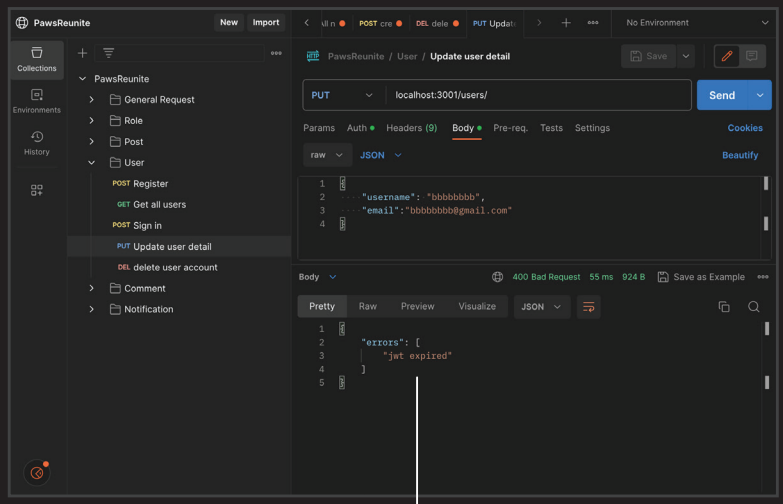


Return error message
when username is correct, but password is wrong

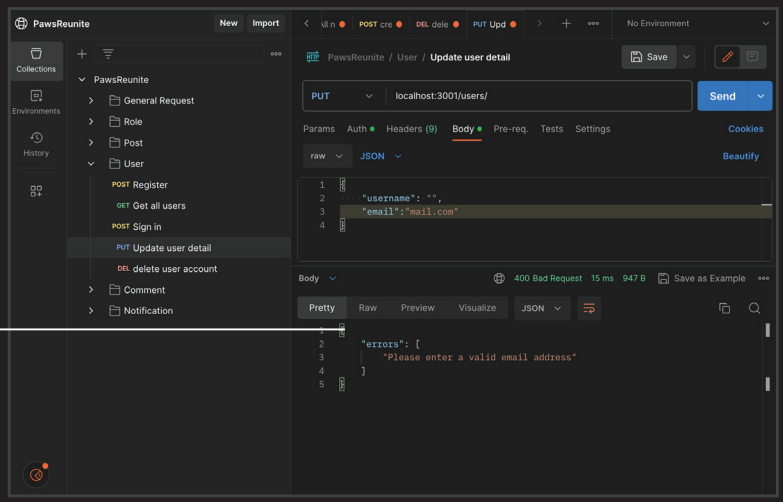
3. User Route - Update User Detail



Successfully Update User
PUT localhost:3001/users/

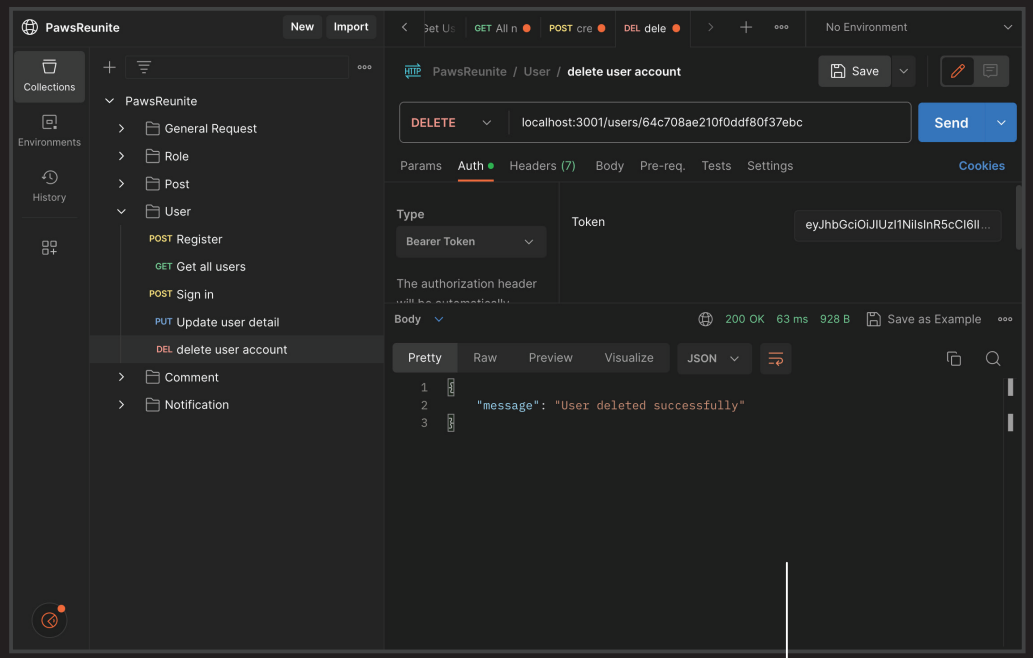


Return error message
when JWT is not correct or missing



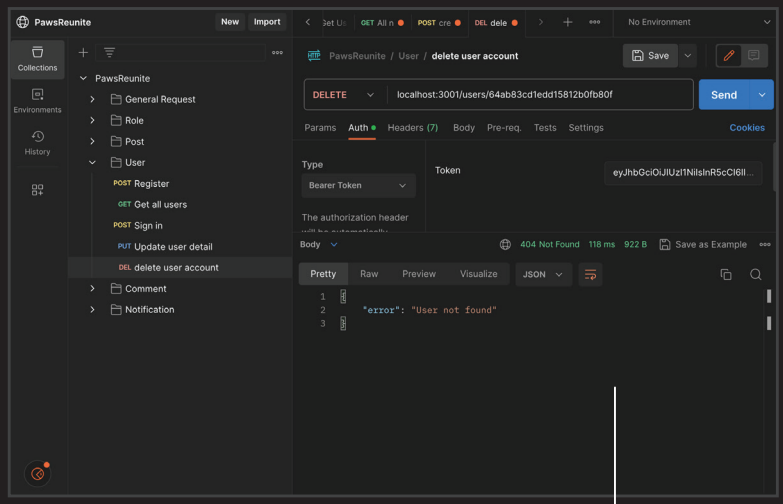
Return error message
when email is not a valid email pattern
the password validation will be the same
as the signup route

3. User Route - Delete user account

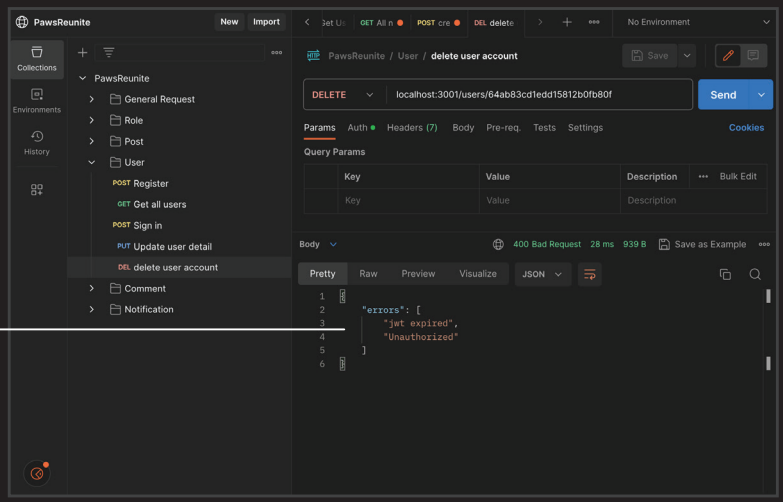


Successfully Delete User

DELETE localhost:3001/users/64c708ae210f0ddf80f37ebc

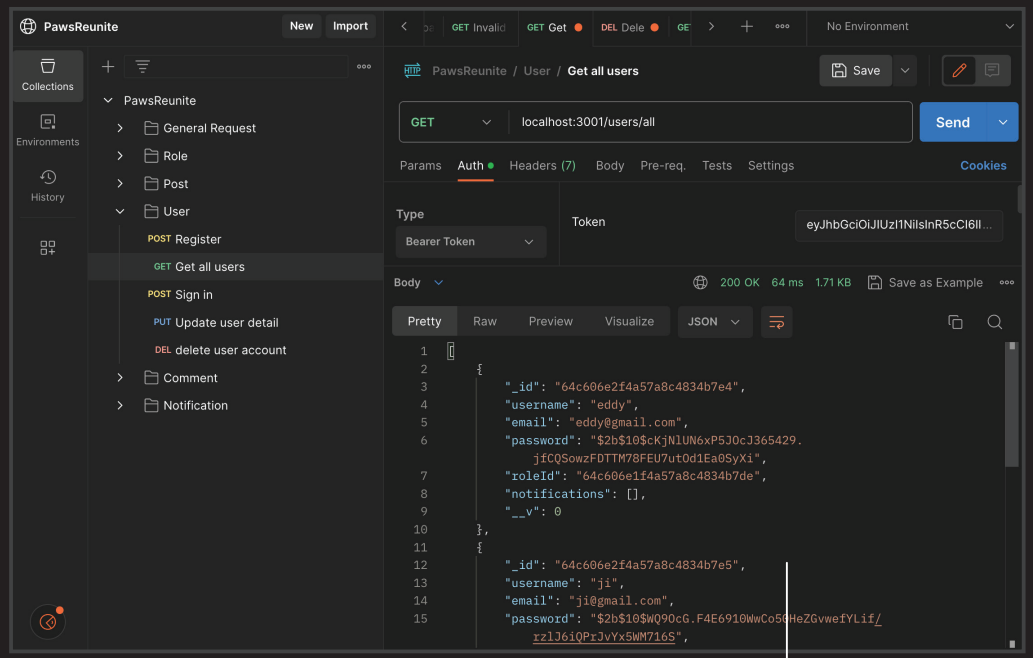


Return error message (User not found)
when userID in params is not exist

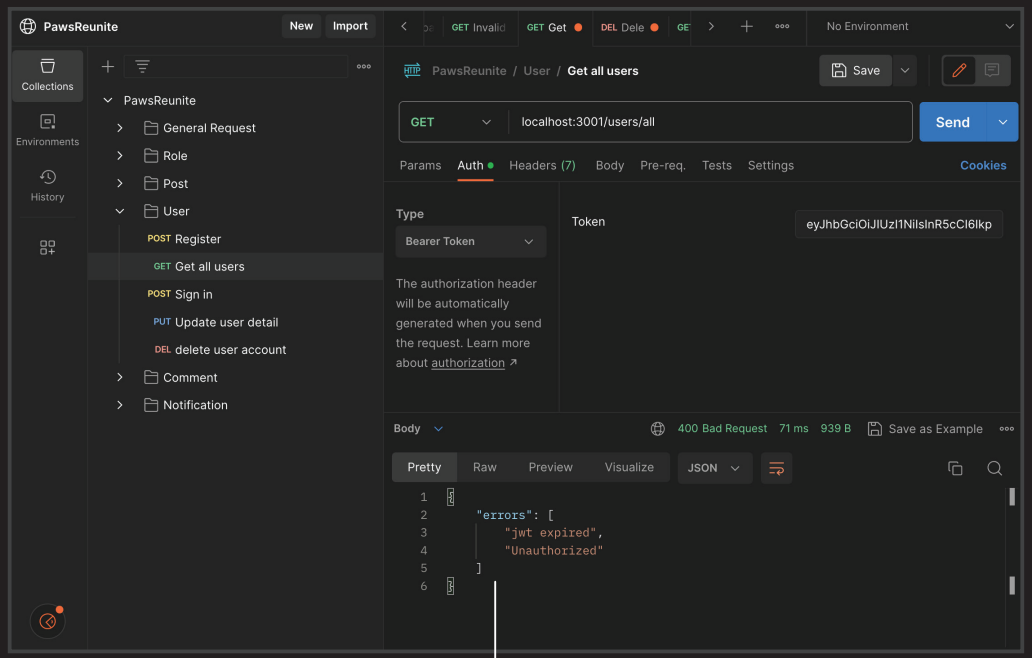


Return error message
when user's account is not Admin account
Only Admin has authorization to delete users

3. User Route - Get all users account

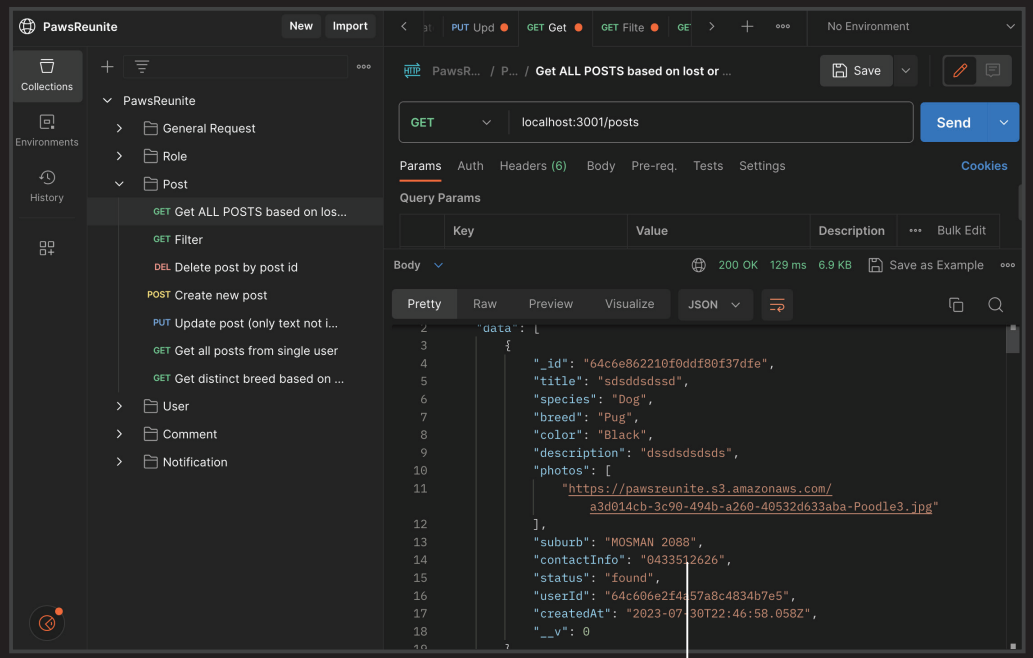


Successfully get all user
GET localhost:3001/users/all



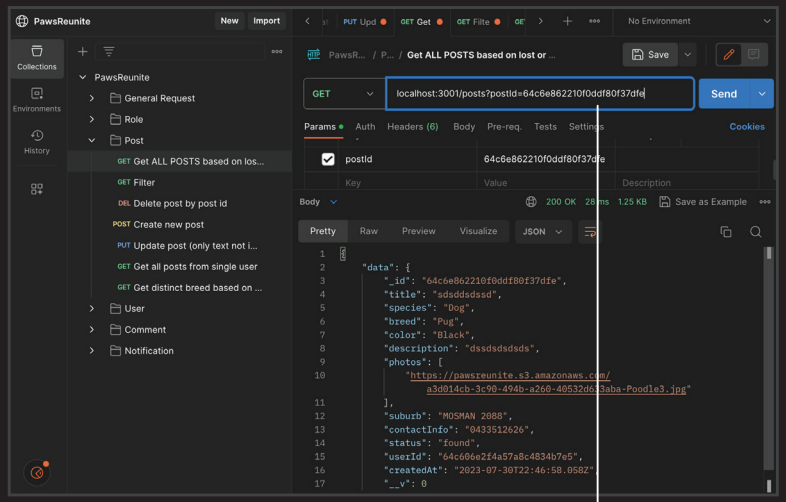
Return error message
when user's account is not Admin account
Only Admin has authorization to get all users

4. Post Route - Get posts / post



Successfully Get all posts

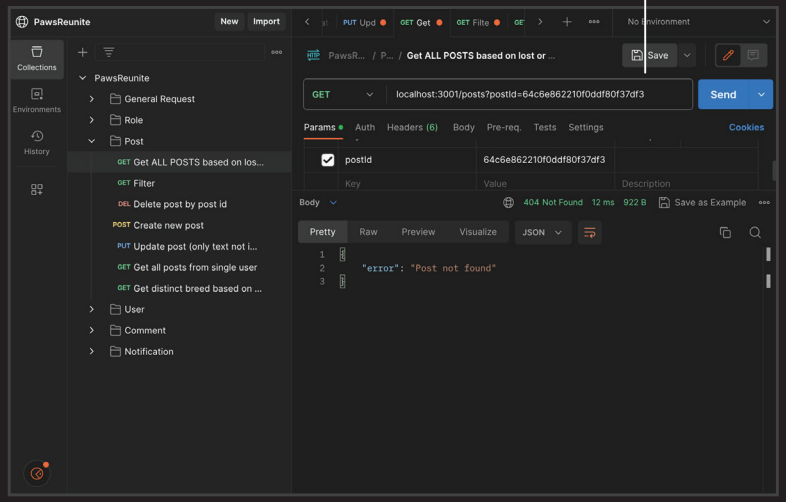
GET localhost:3001/posts

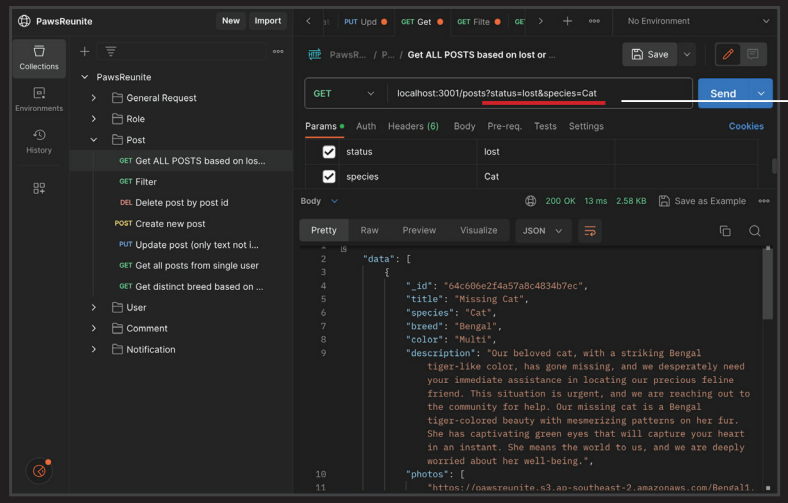


Get one post by query params postId

GET localhost:3001/posts?postId=64c06367dac0d785bb1e2f91

Return error message when postId is invalid





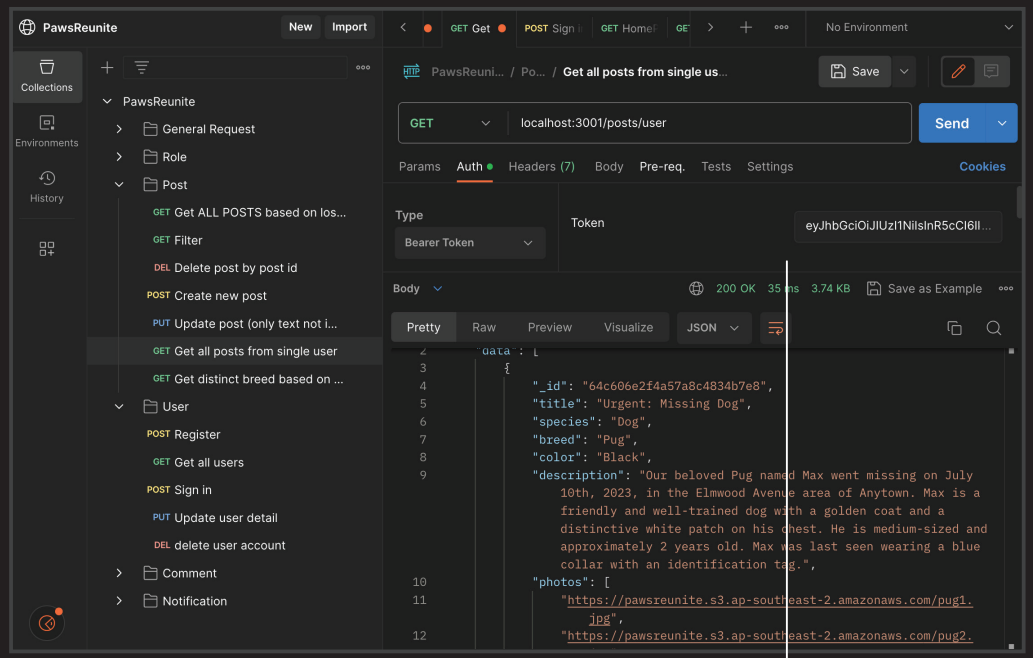
Use Query Params to filter the posts

Return list of posts which are satisfied with those condition

or empty array when conditions are not satisfied.

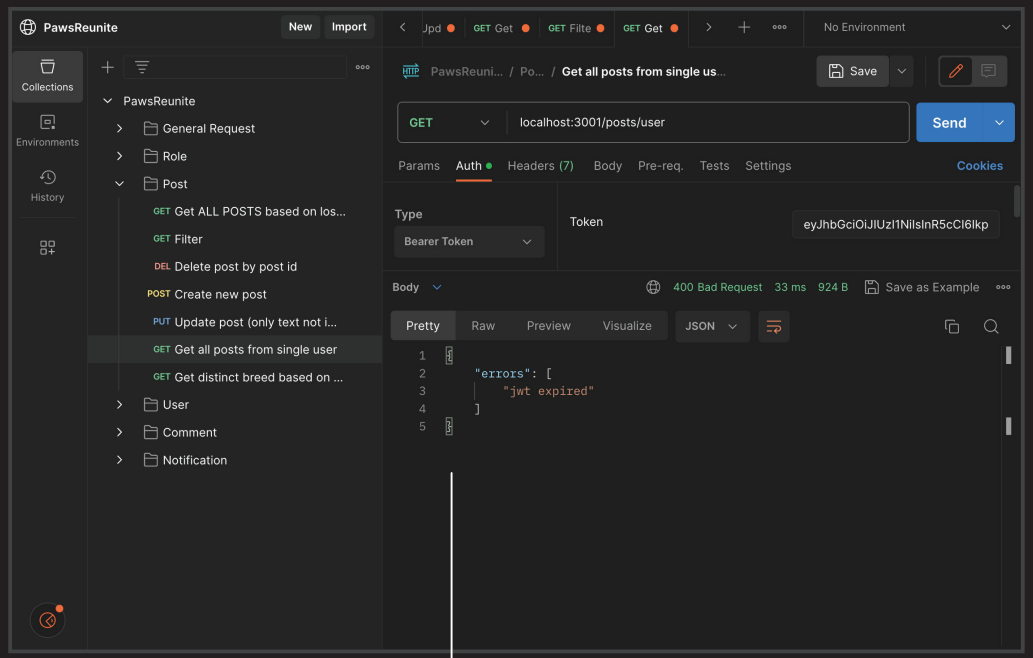
GET localhost:3001/posts?status=lost&species=Cat

4. Post Route - Get all posts from user



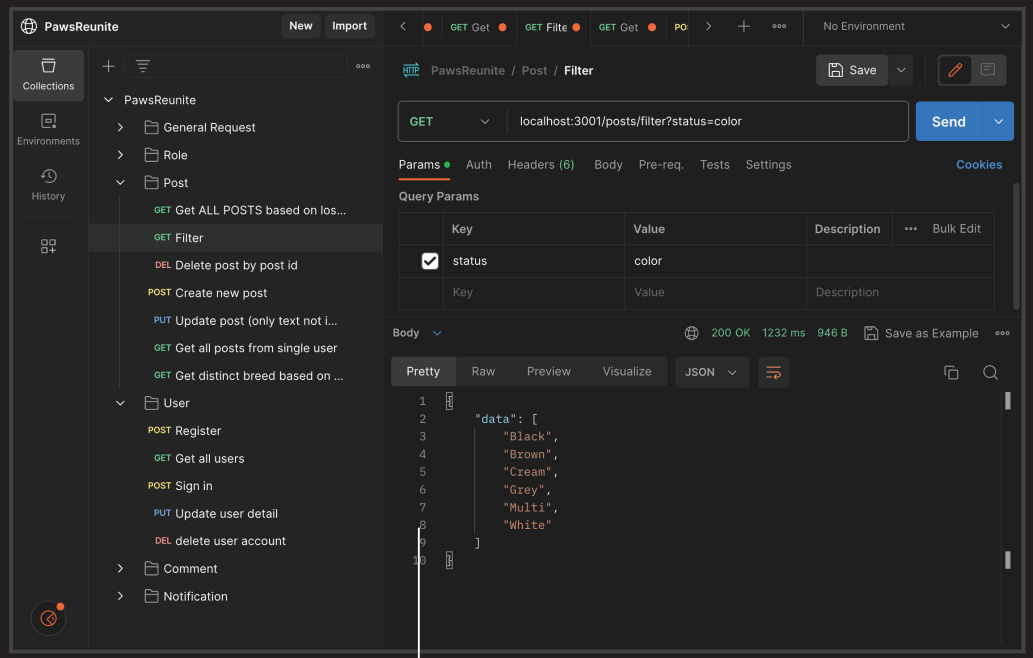
Successfully Get all post from specific user from JWT

GET localhost:3001/posts/user



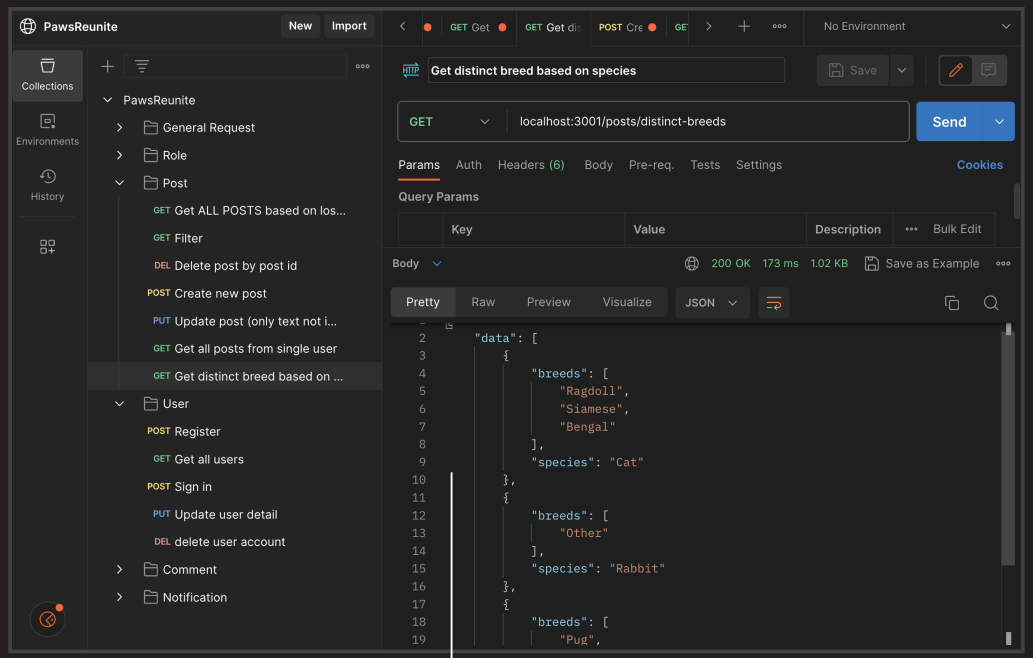
Return error message
when user's JWT is expired or missing provide JWT

4. Post Route - Filter Options



Get distinct values of the ‘status’ field from the filtered posts

GET localhost:3001/posts/filter?status=color

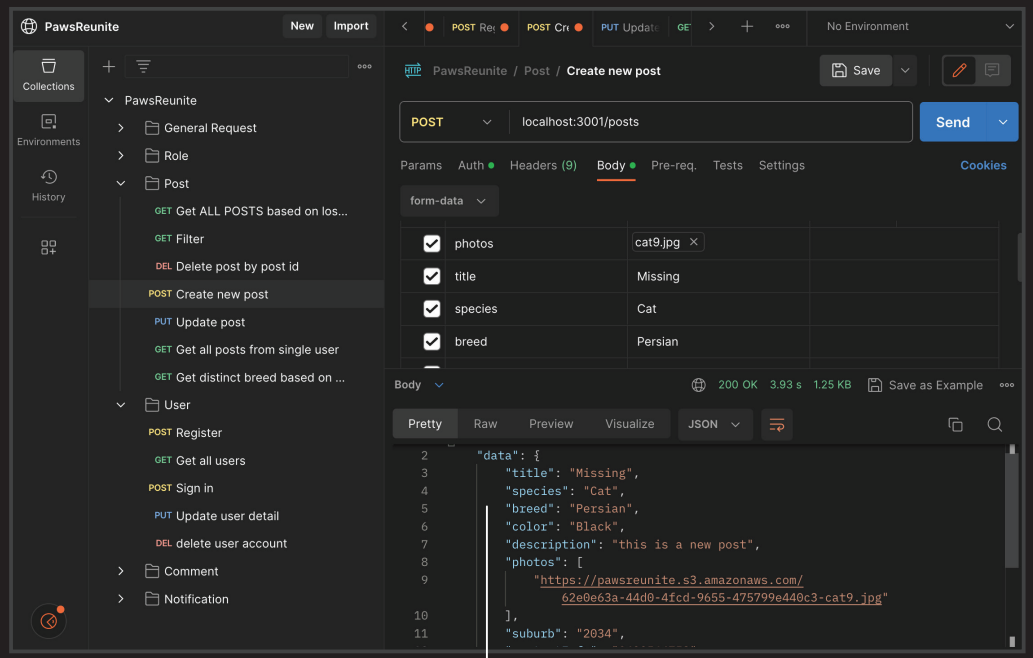


Get distinct breed based on species

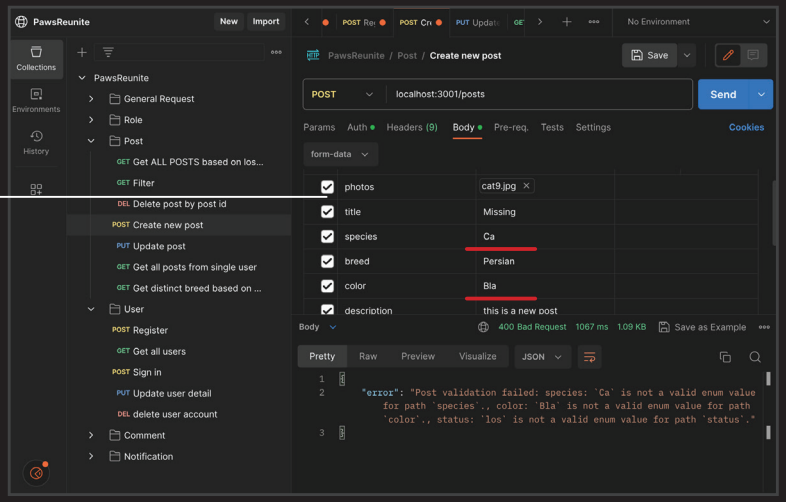
The popurse of this route is to limite the breed options only based on specific species

GET localhost:3001/posts/distinct-breeds

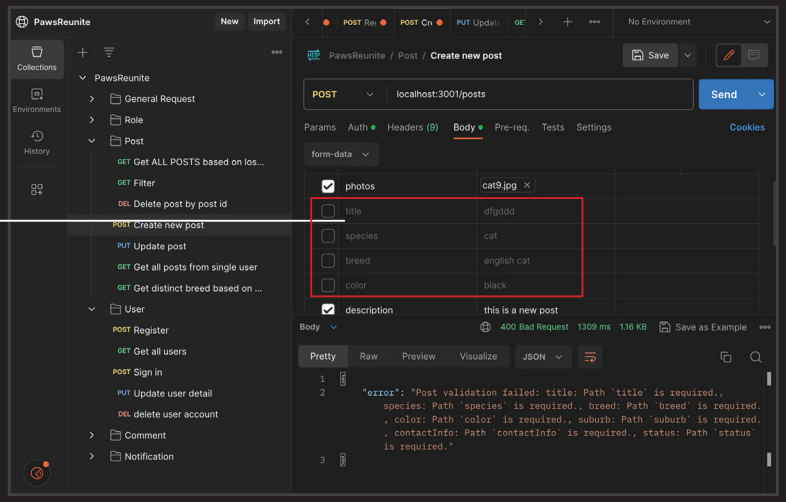
4. Post Route - Create post



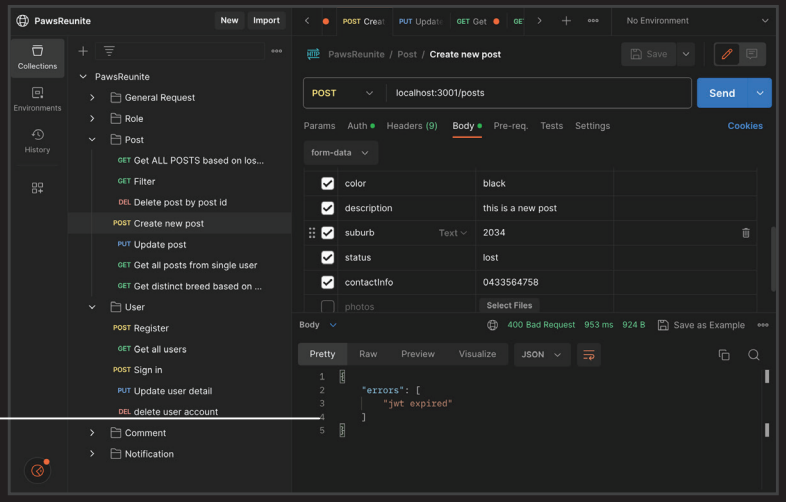
Successfully create post
POST localhost:3001/posts



Return error message
when request data is invalid

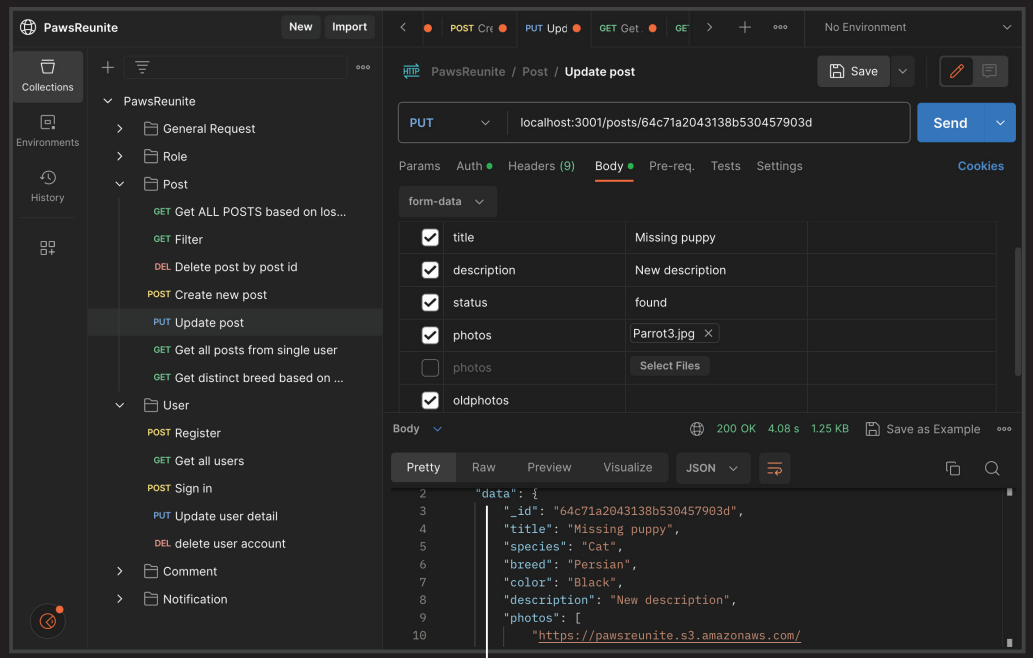


Return error message
when required data is missing



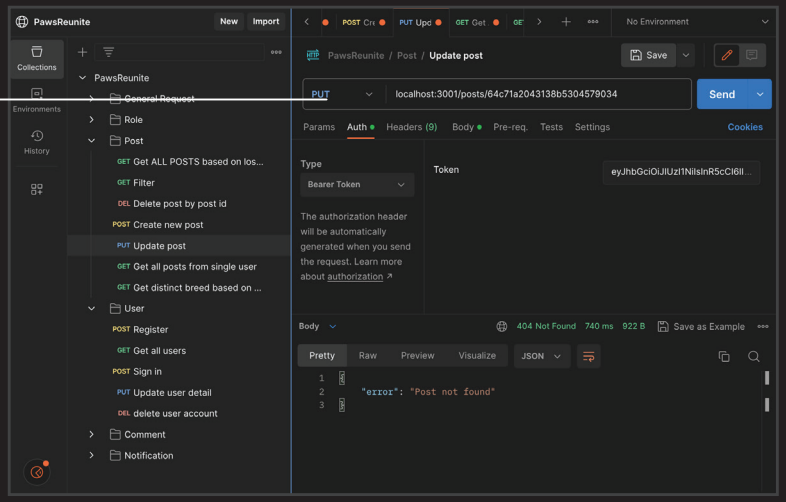
Return error message
when JWT expired or Missing JWT

4. Post Route - Update post

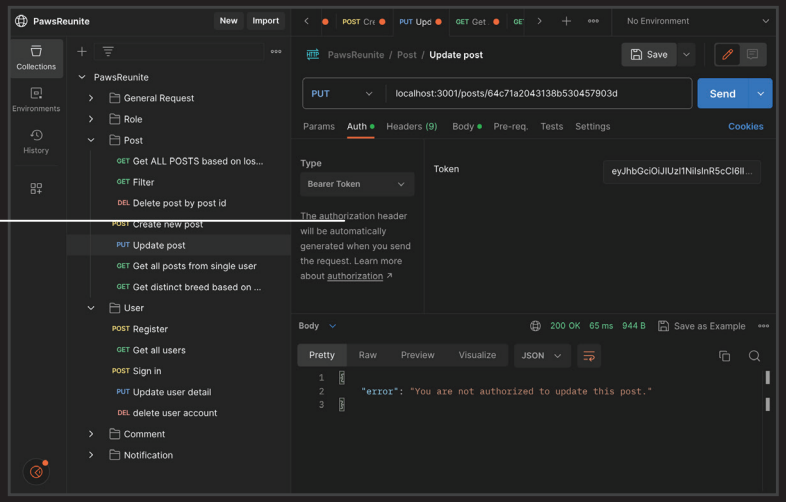


Successfully update post

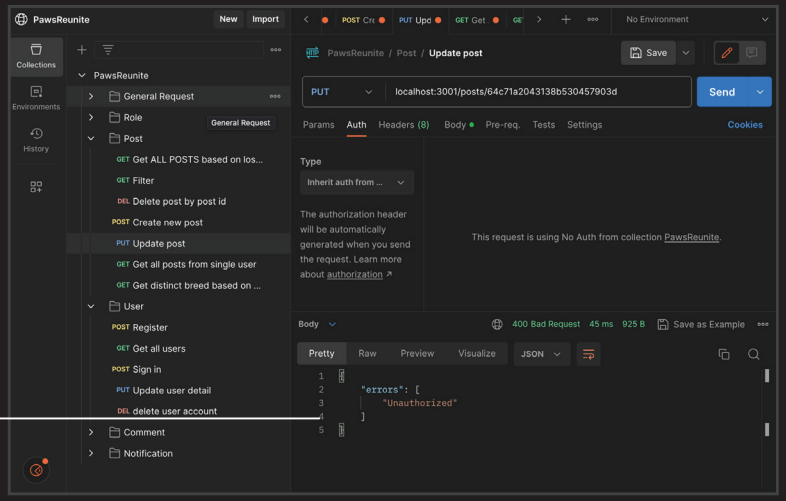
PUT localhost:3001/posts/64c71a2043138b530457903d



Return error message
when postId is not valid

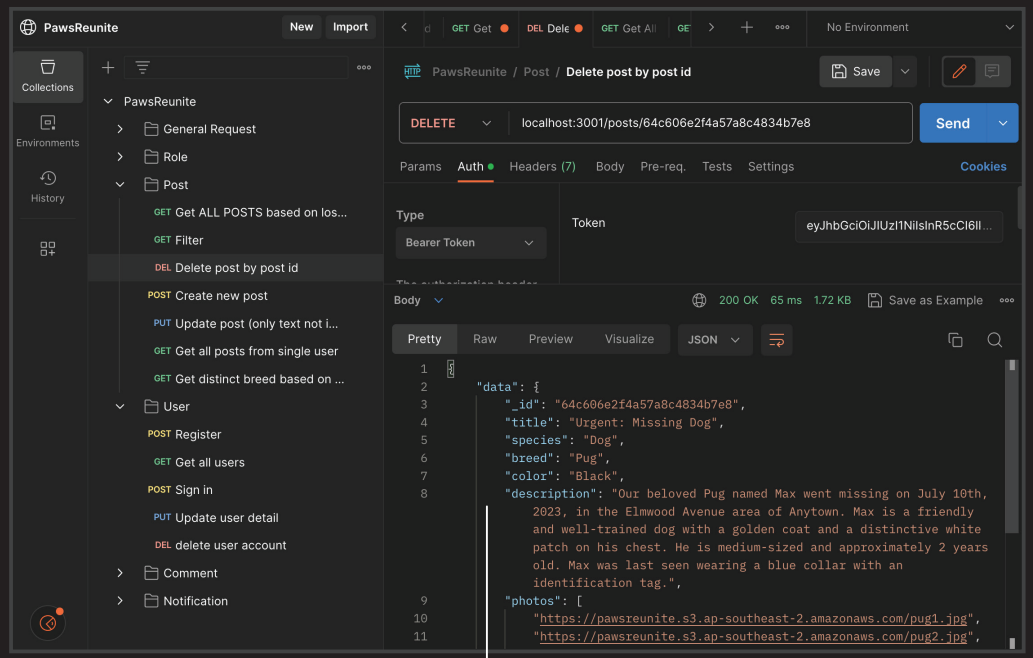


Return error message
when you are not authorised to update this post
(this post is belong to other user)

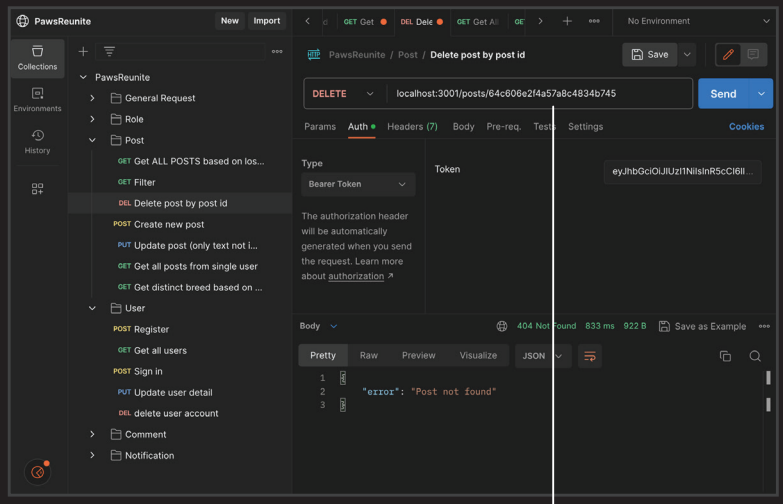


Return error message
when JWT expired or Missing JWT

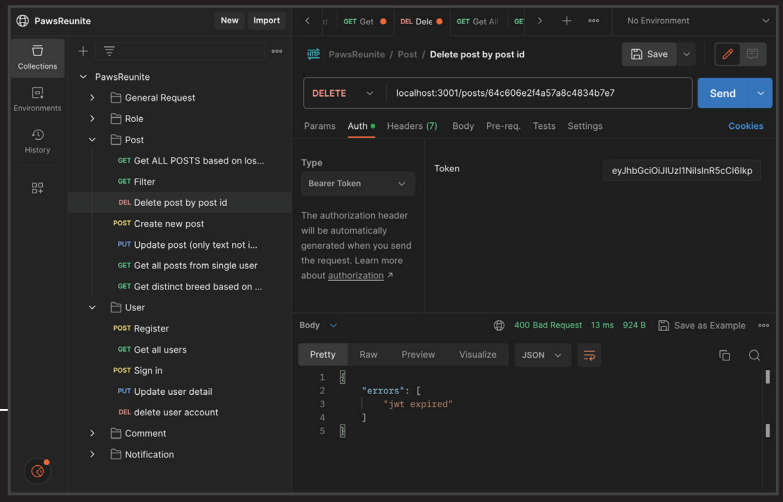
4. Post Route - Delete post



Successfully delete post
DELETE localhost:3001/posts/64c606e2f4a57a8c4834b7e8

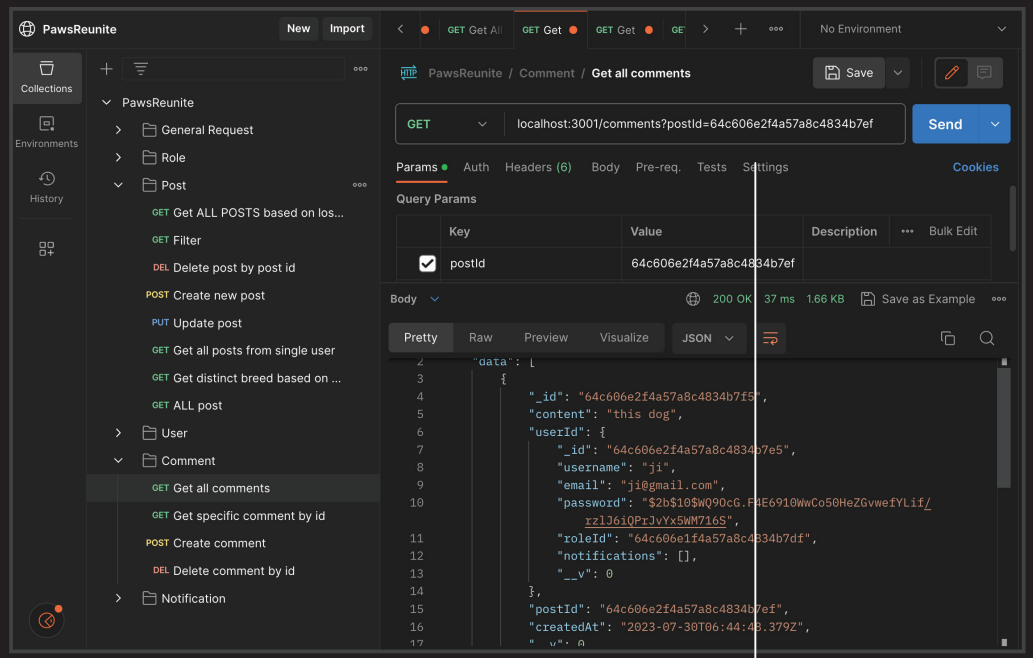


Return error message
when postId is not valid



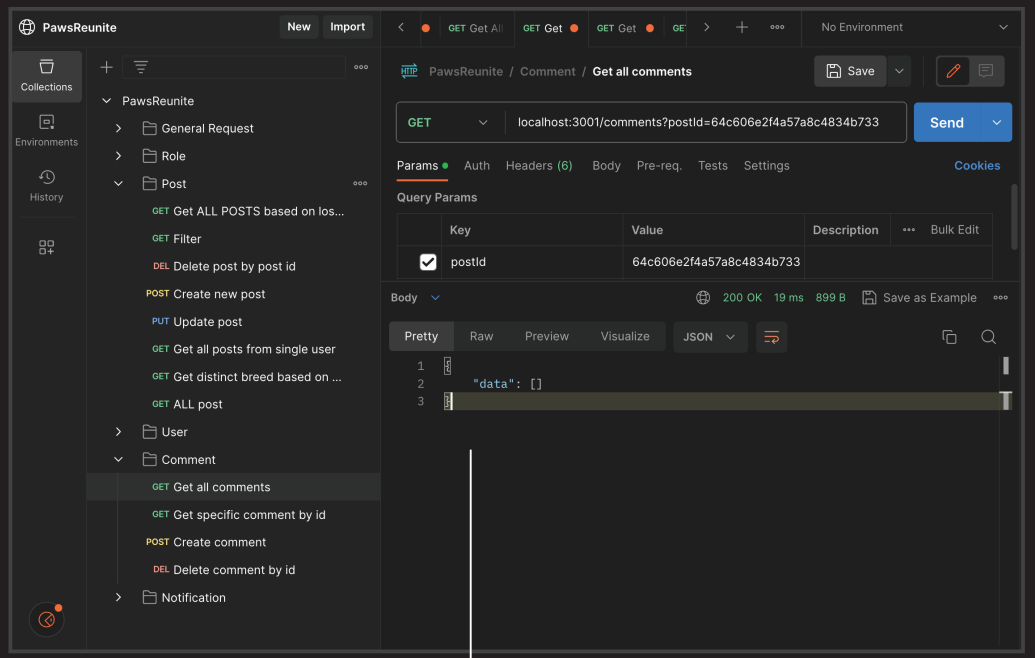
Return error message
when you are not authorised to update this post
(this post is belong to other user)
Admin account can delete post as well

5. Comment Route - Comments



Get all comments from post

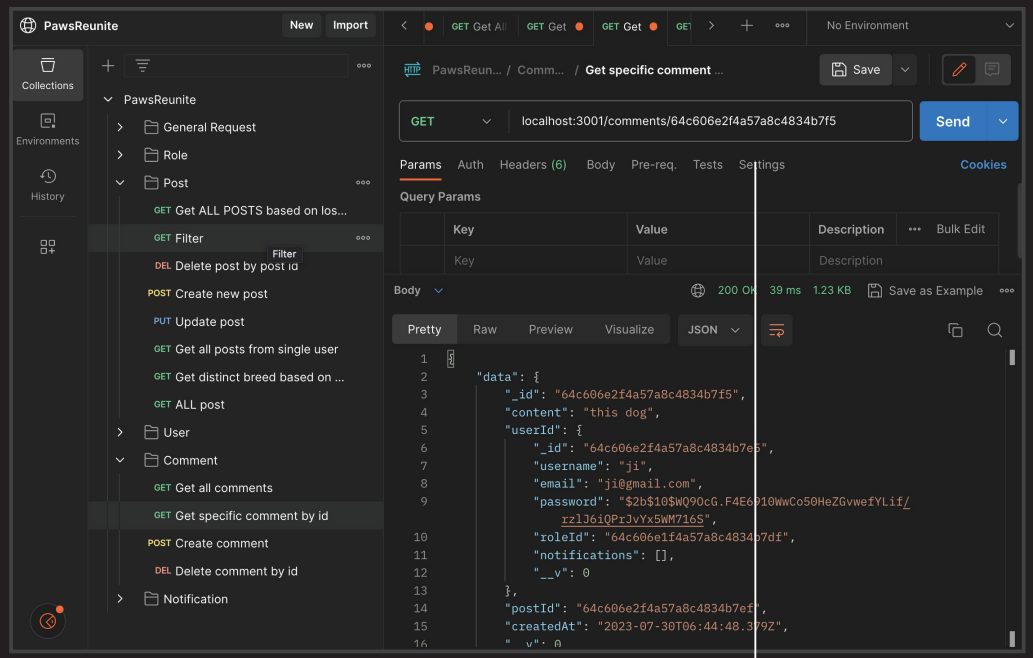
GET localhost:3001/comments?postId=64c606e2f4a57a8c4834b7ef

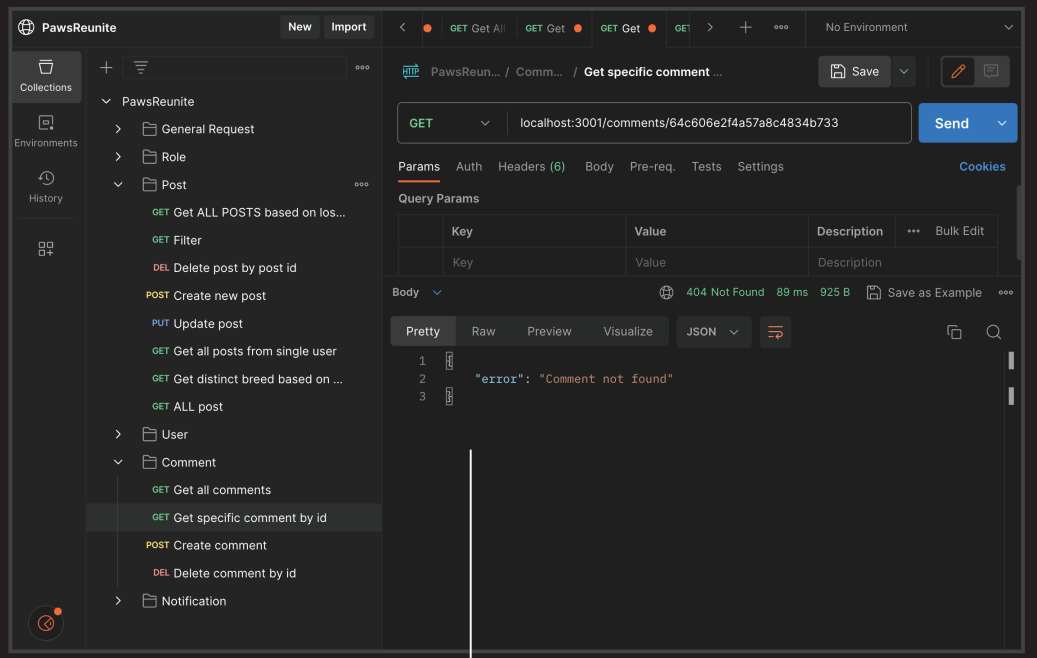


If no comments under that post, return an empty array

GET localhost:3001/comments?postId=64c606e2f4a57a8c4834b7ef

5. Comment Route - Comment



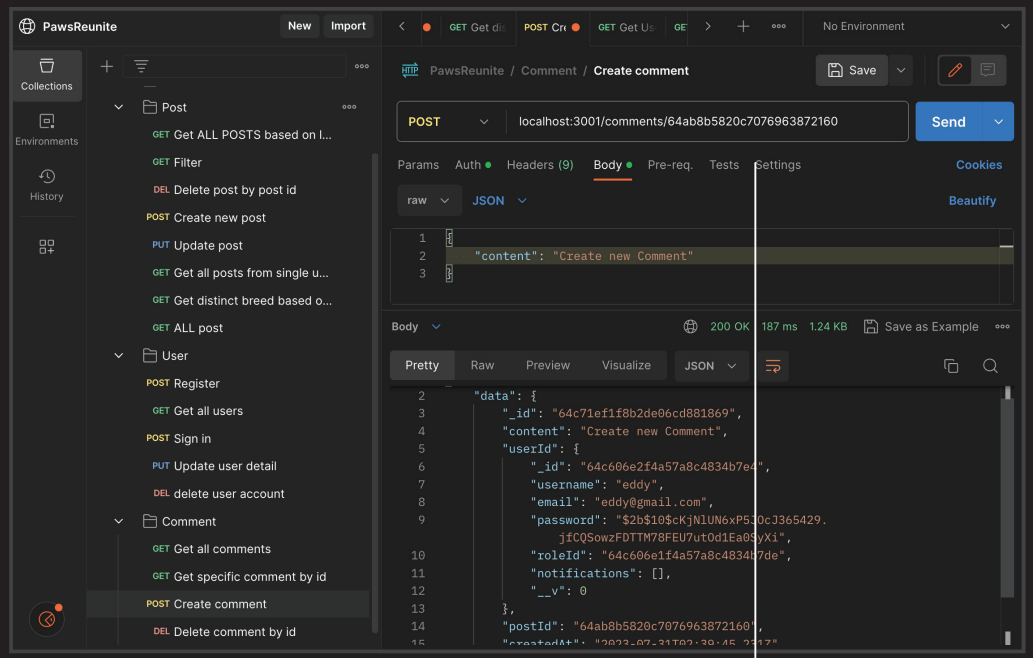


Get one comment from commentId

GET localhost:3001/comments/64c606e2f4a57a8c4834b733

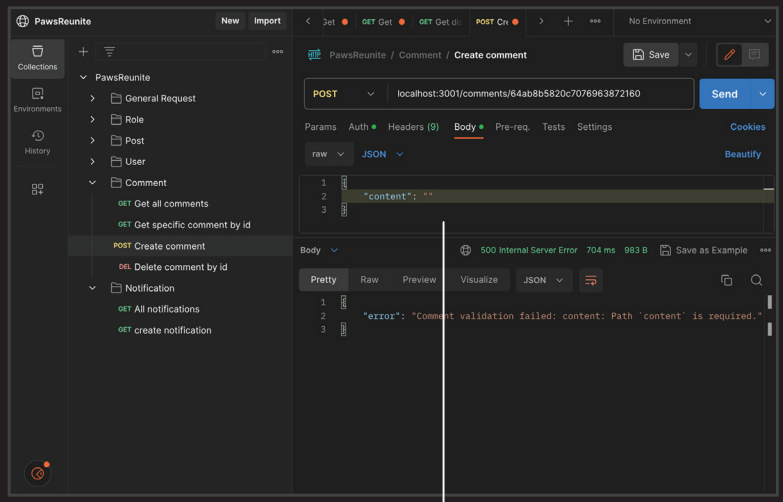
Return error message when commentID is not valid

5. Comment Route - Create Comment



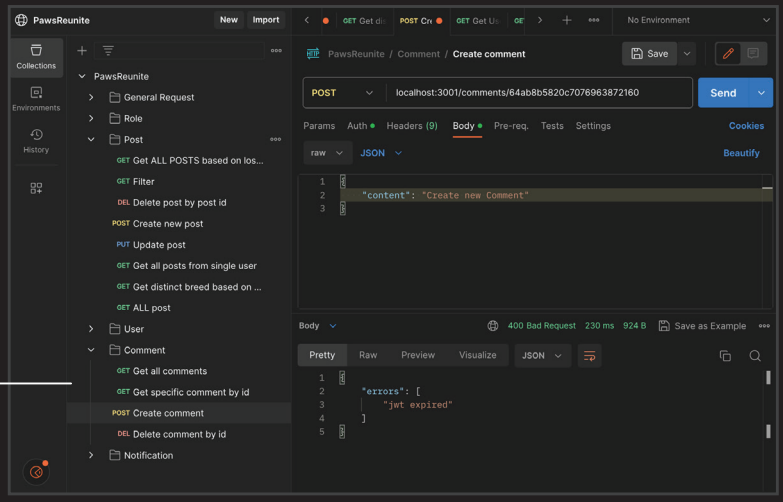
Successfully create comment under specific post

POST localhost:3001/comments/64ab8b5820c7076963872160

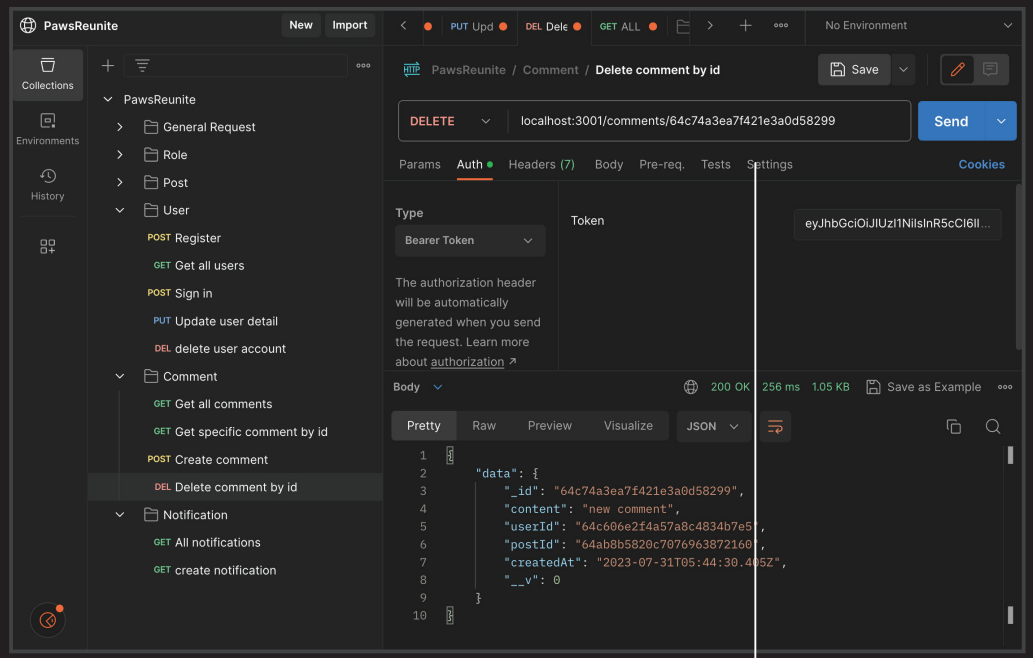


Return error message when content is empty

Return error message when JWT expired or JWT missing

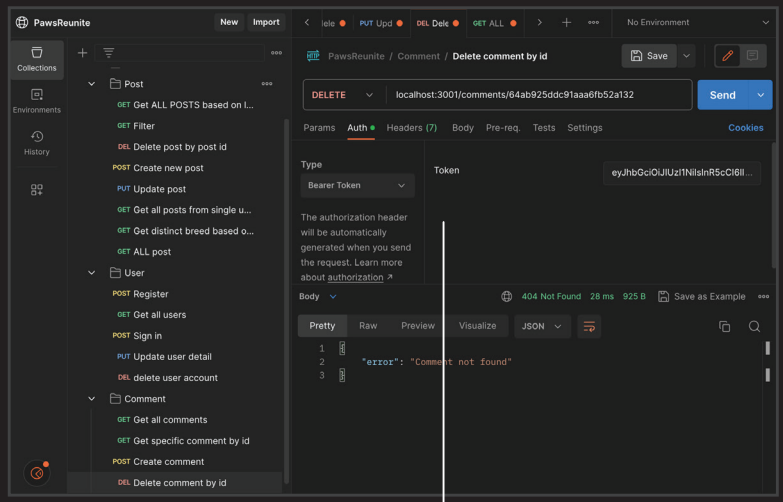


5. Comment Route - Delete Comment

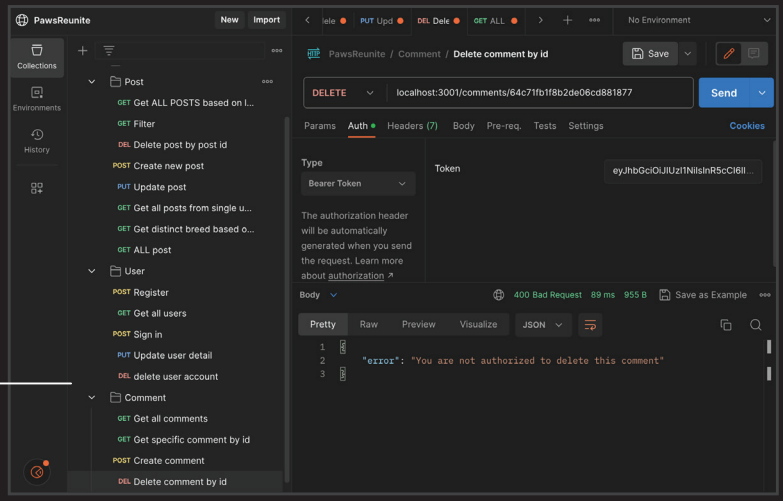


Successfully delete comment

DELETE localhost:3001/comments/64c74a3ea7f421e3a0d58299

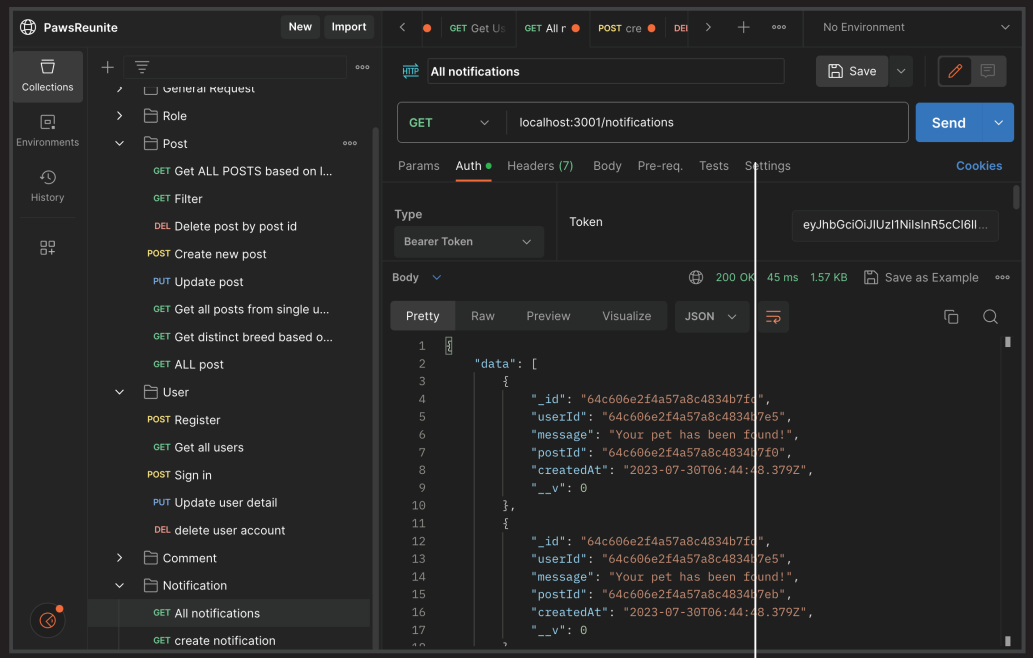


Return error message when commentId is not valid



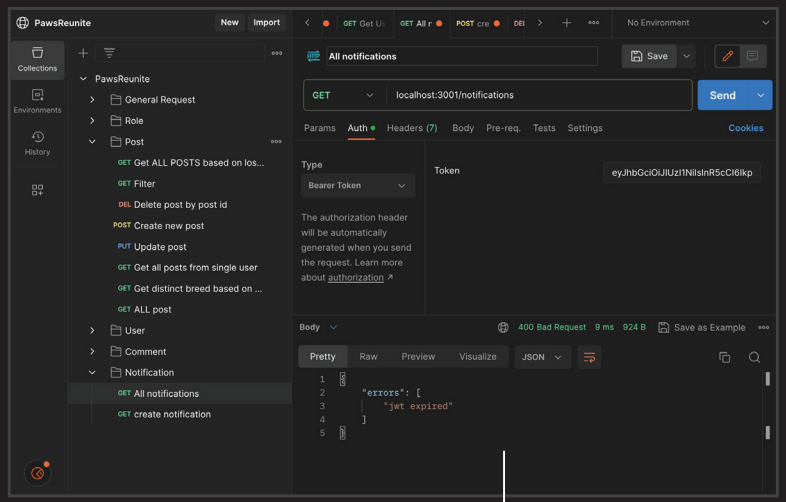
Return error message when this comment is not belongs to you, unauthorised to delete this comment

6. Notification Route - Get all notifications and create notification



Get all notifications from specific user by validate JWT

GET llocalhost:3001/notifications



Return error message when JWT is expired or missing

App will compare new created post with other posts once it found the matching, system will automately create new notification based on found userId

POST localhost:3001/notifications