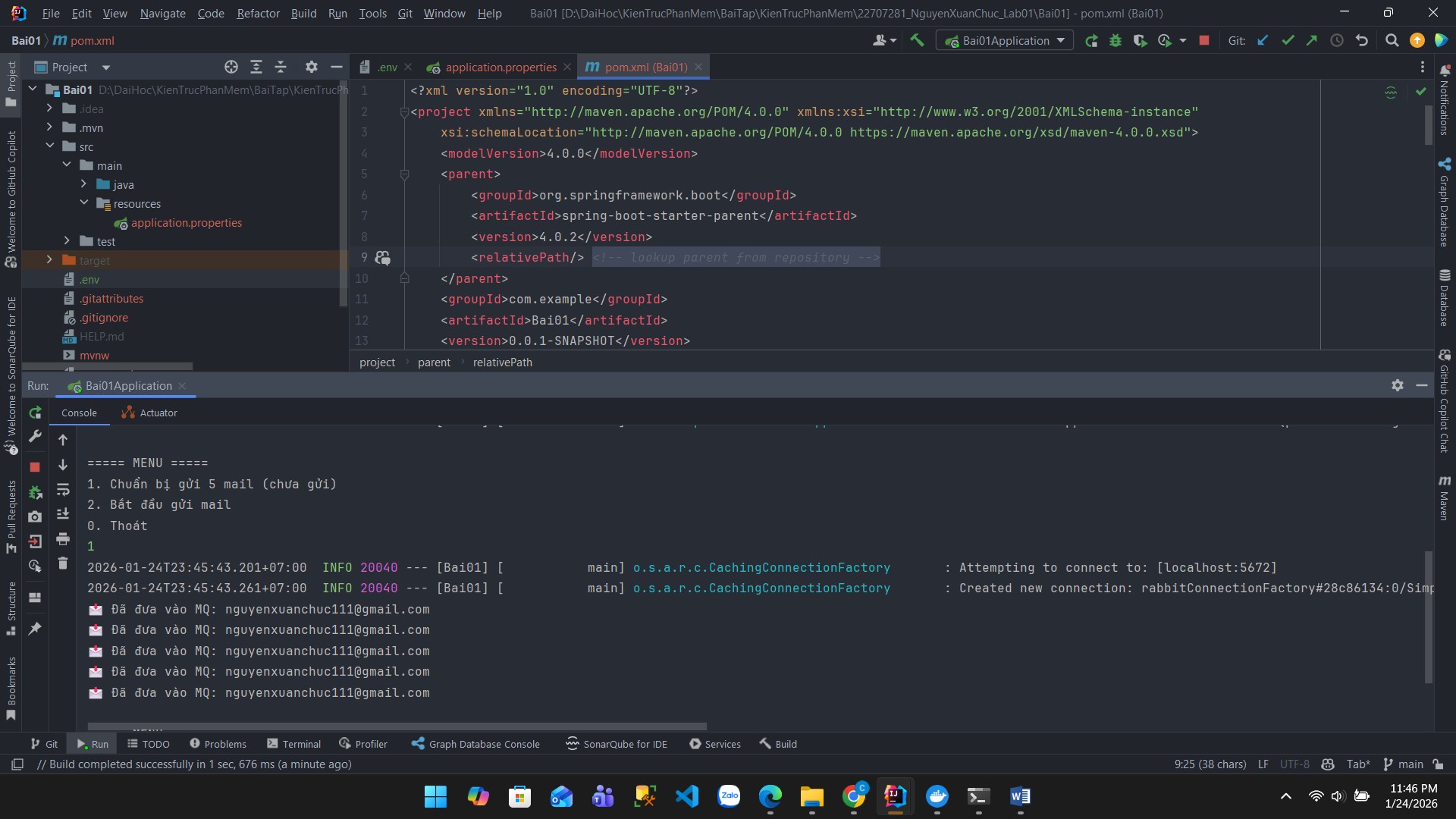
**Minh Chứng**

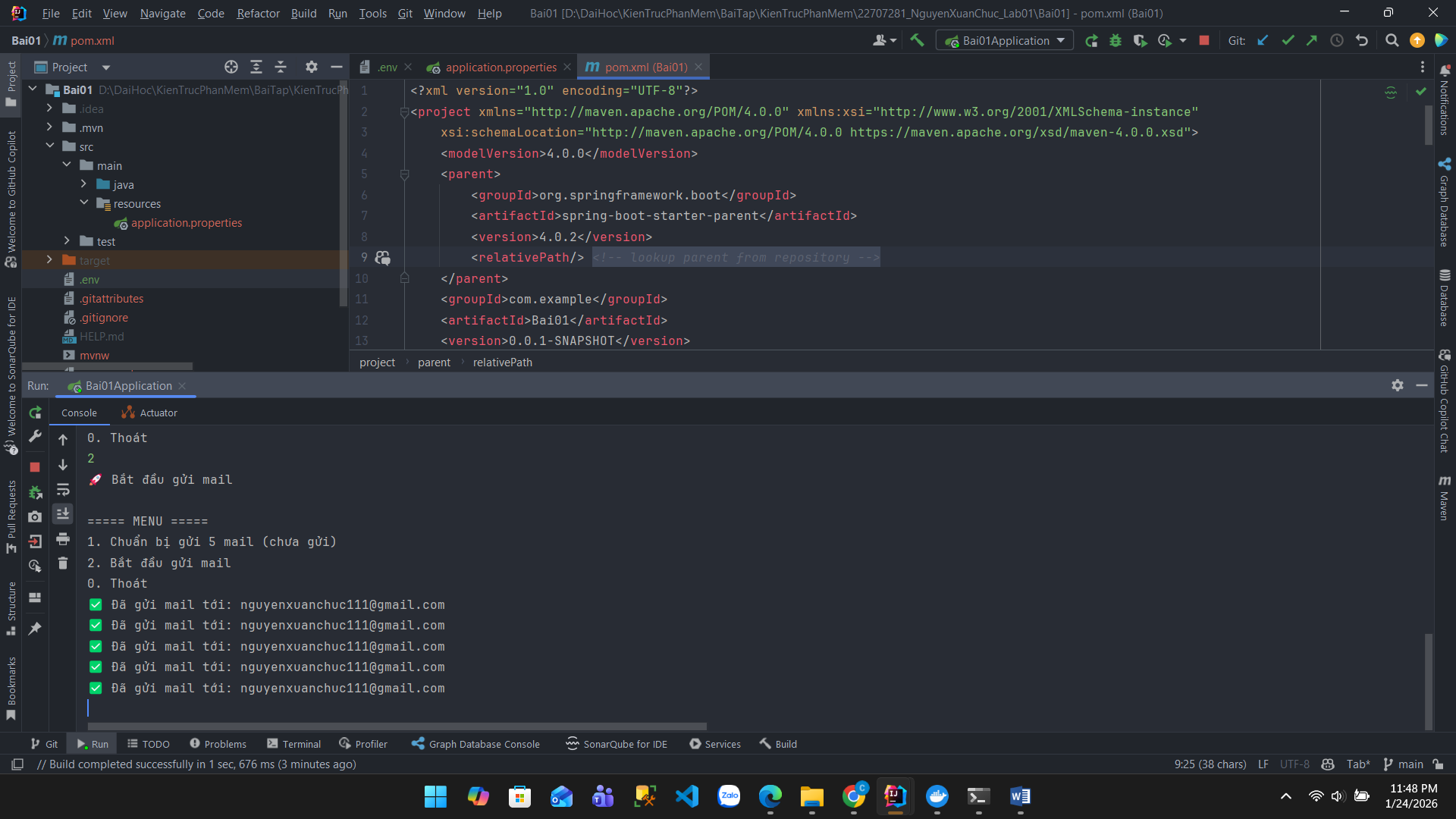
**Bai\_01:**

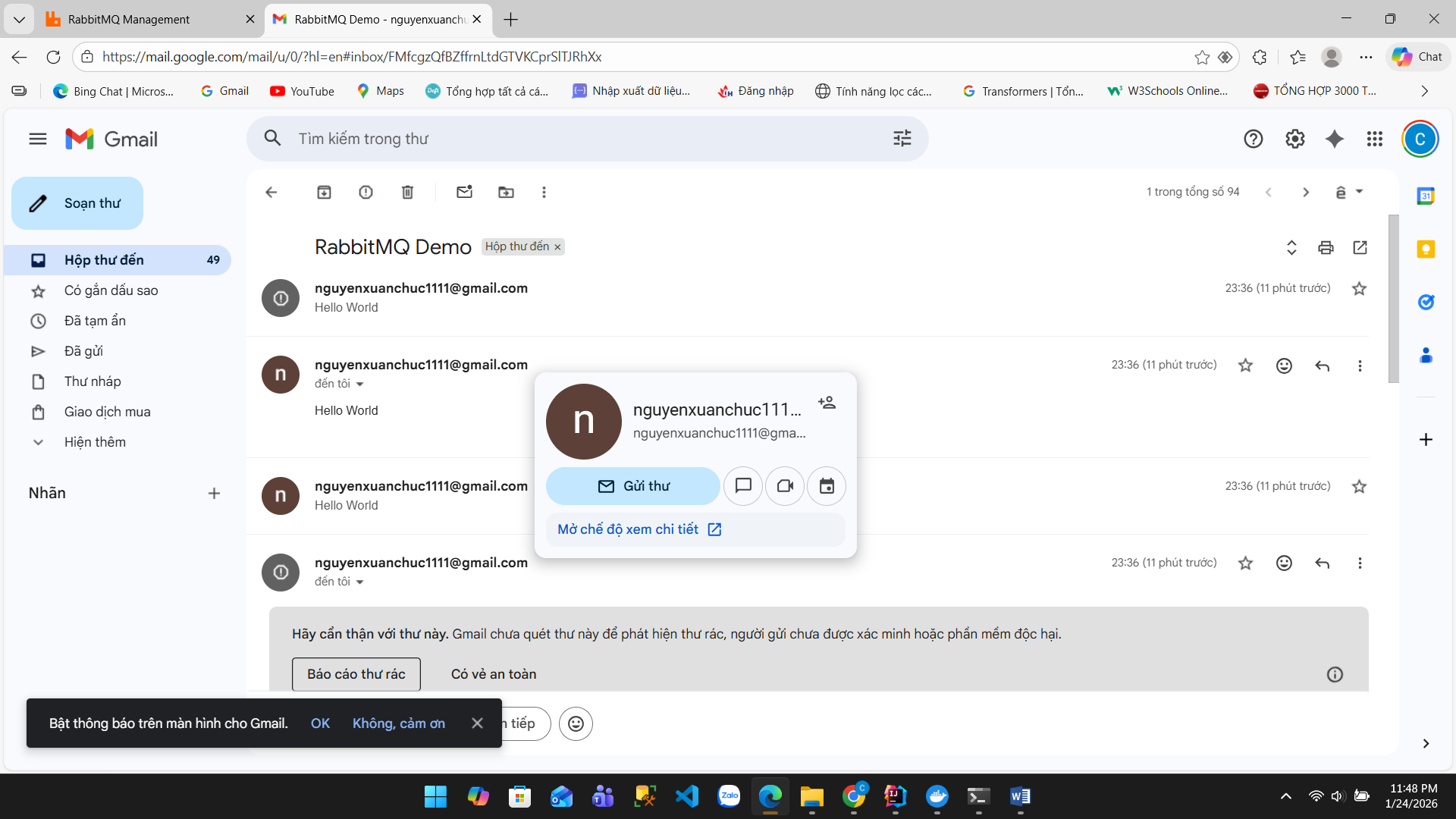
Chuẩn bị gửi thư:



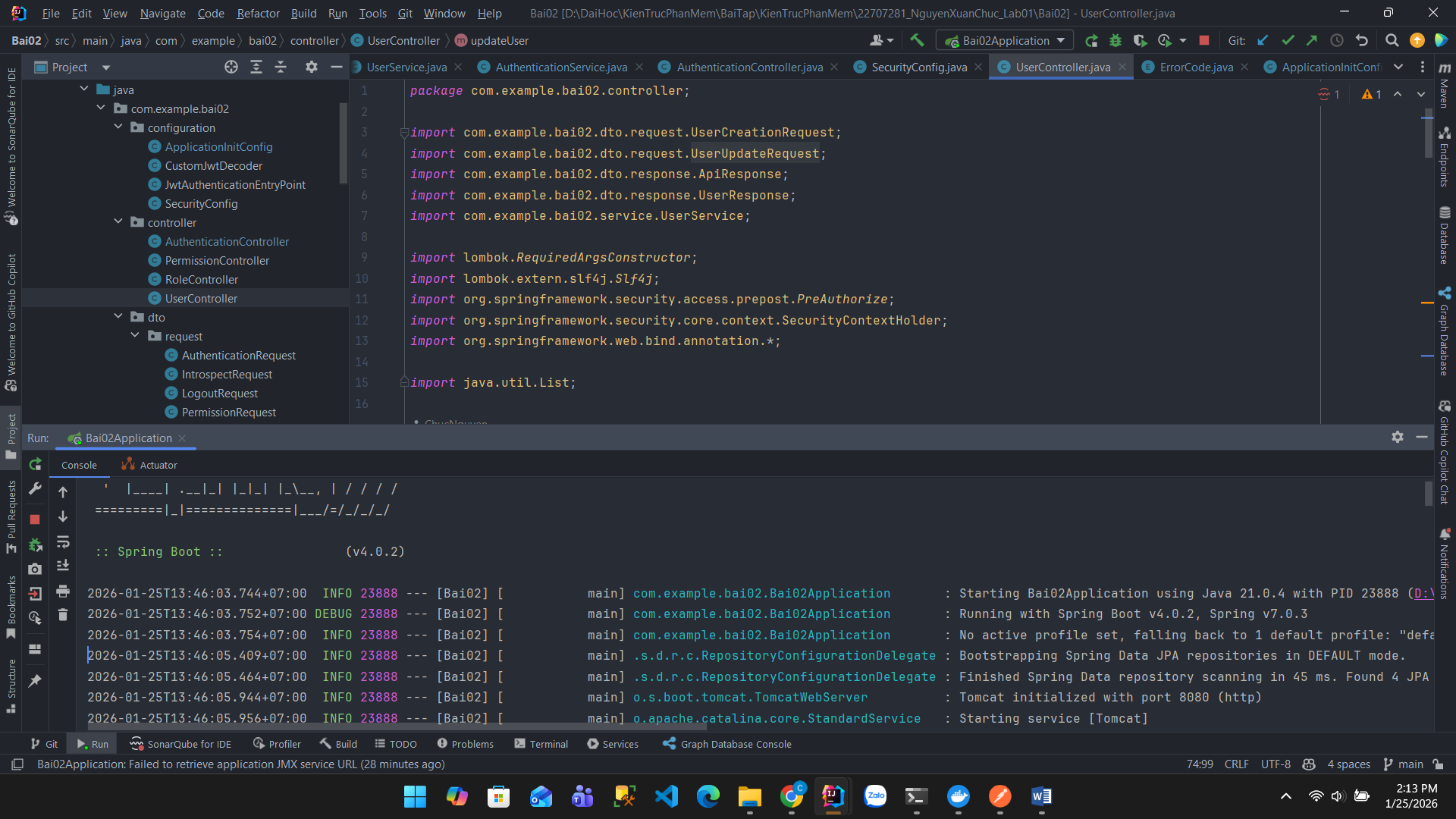


Bắt đầu gửi thư:

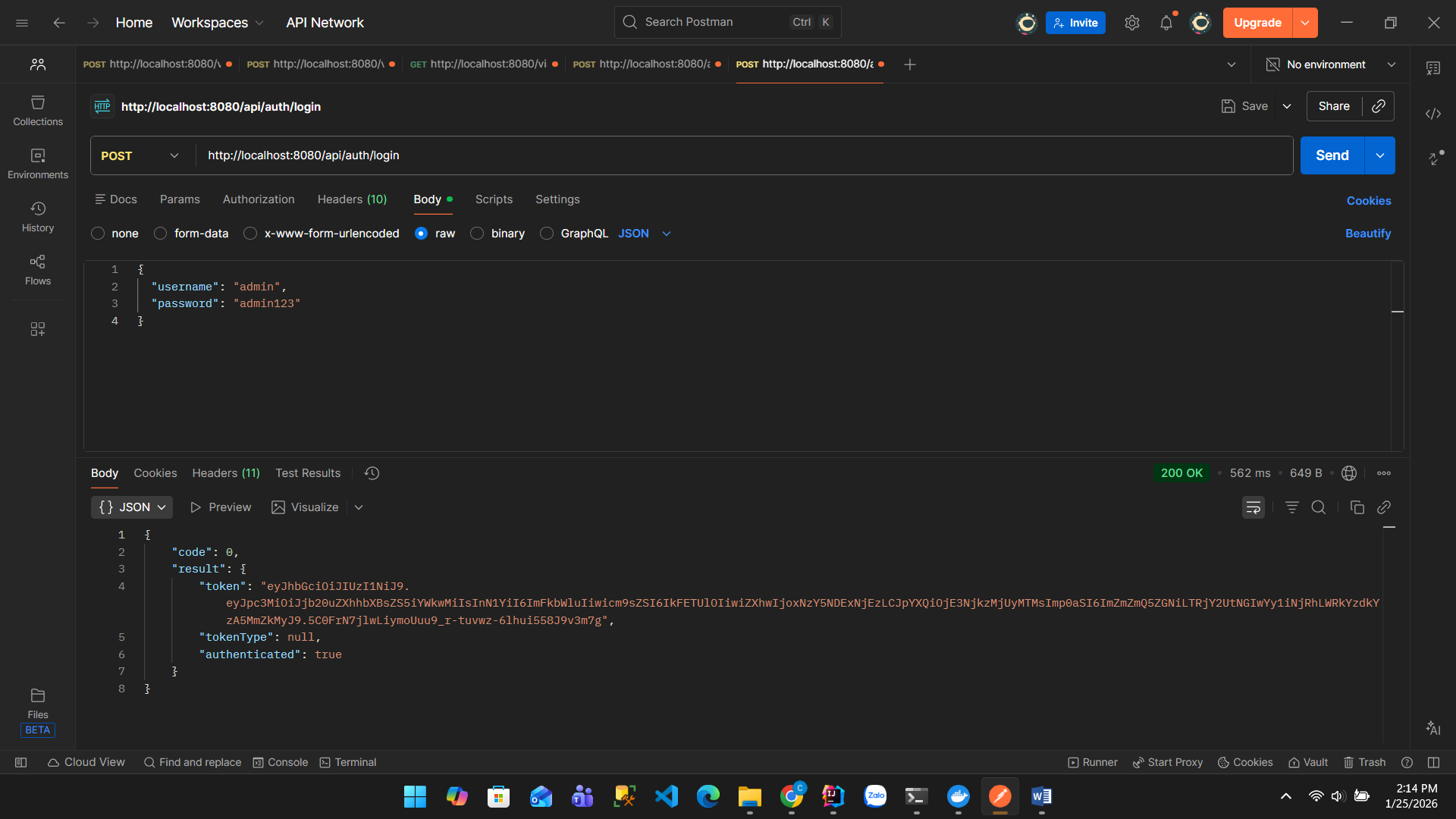




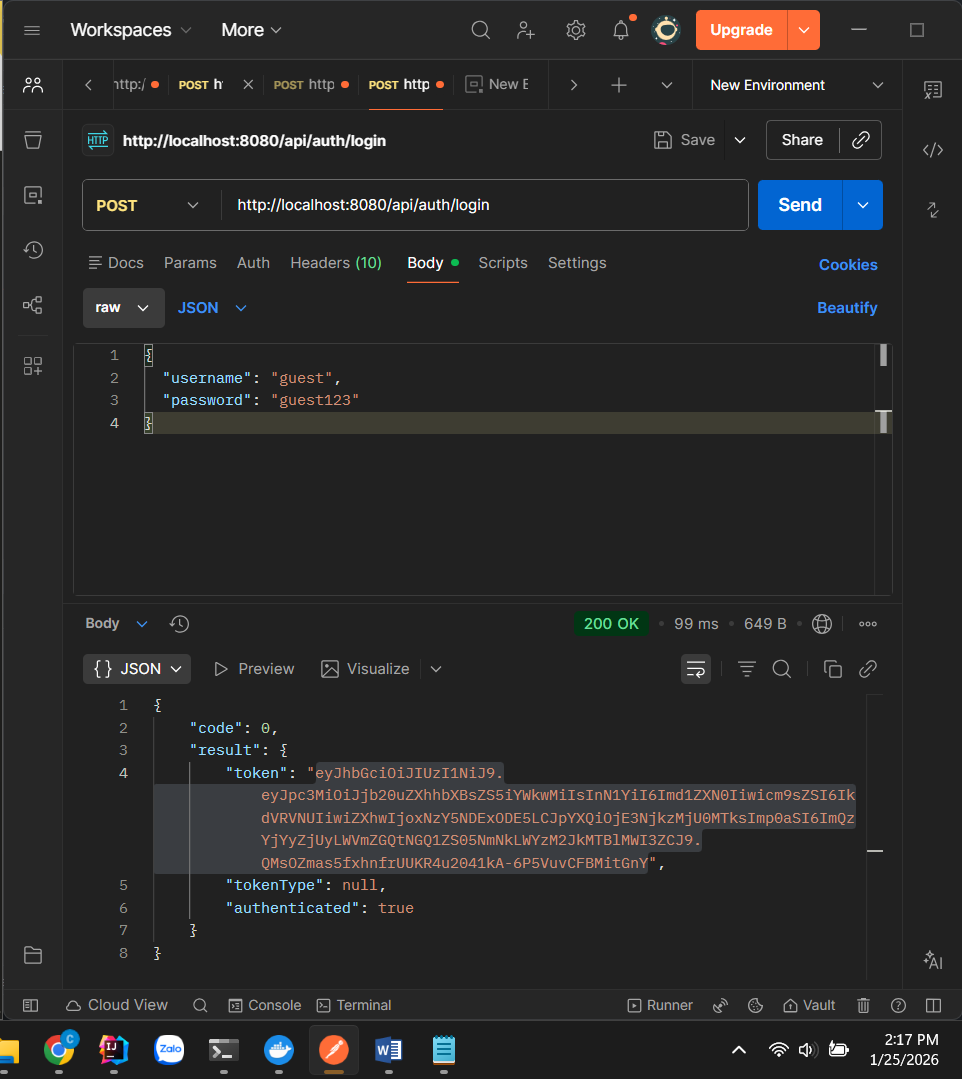
**Bai\_02:**

****

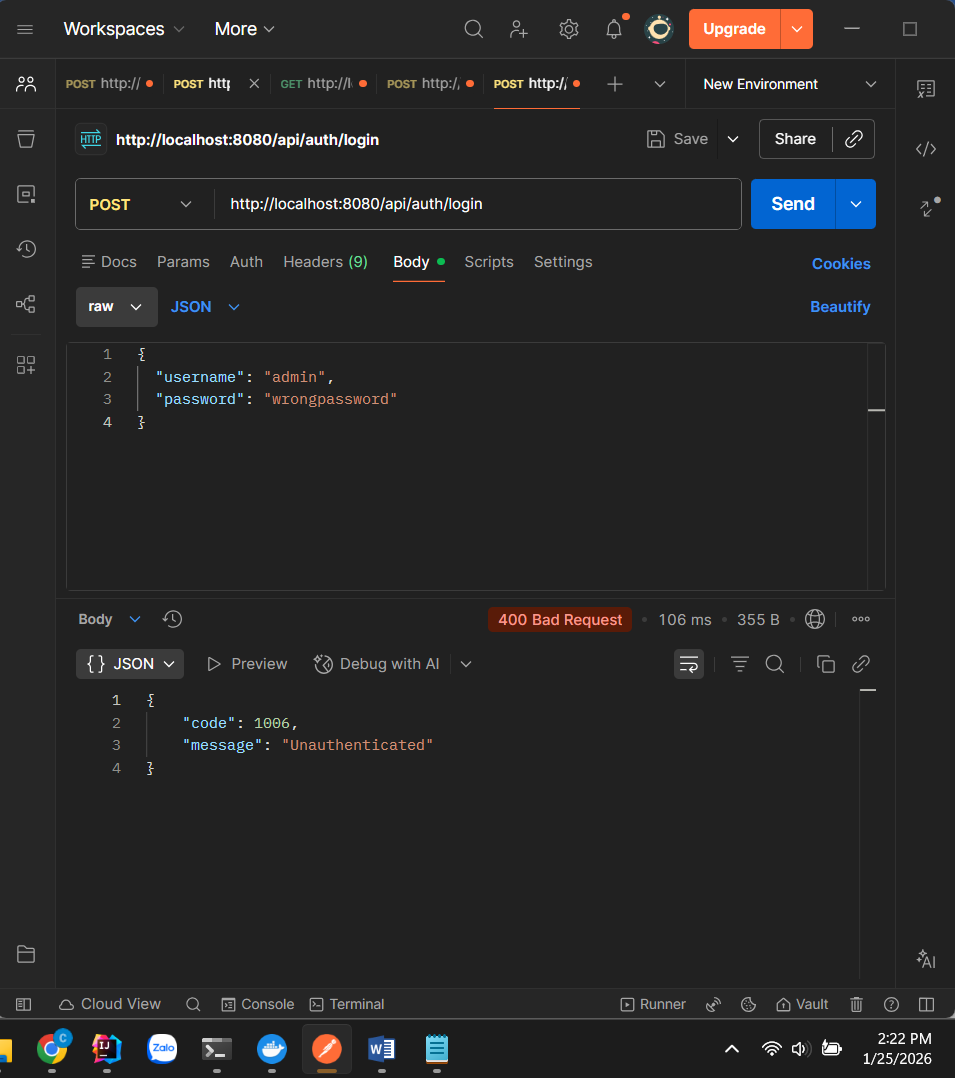
Test 1: Login với ADMIN

****

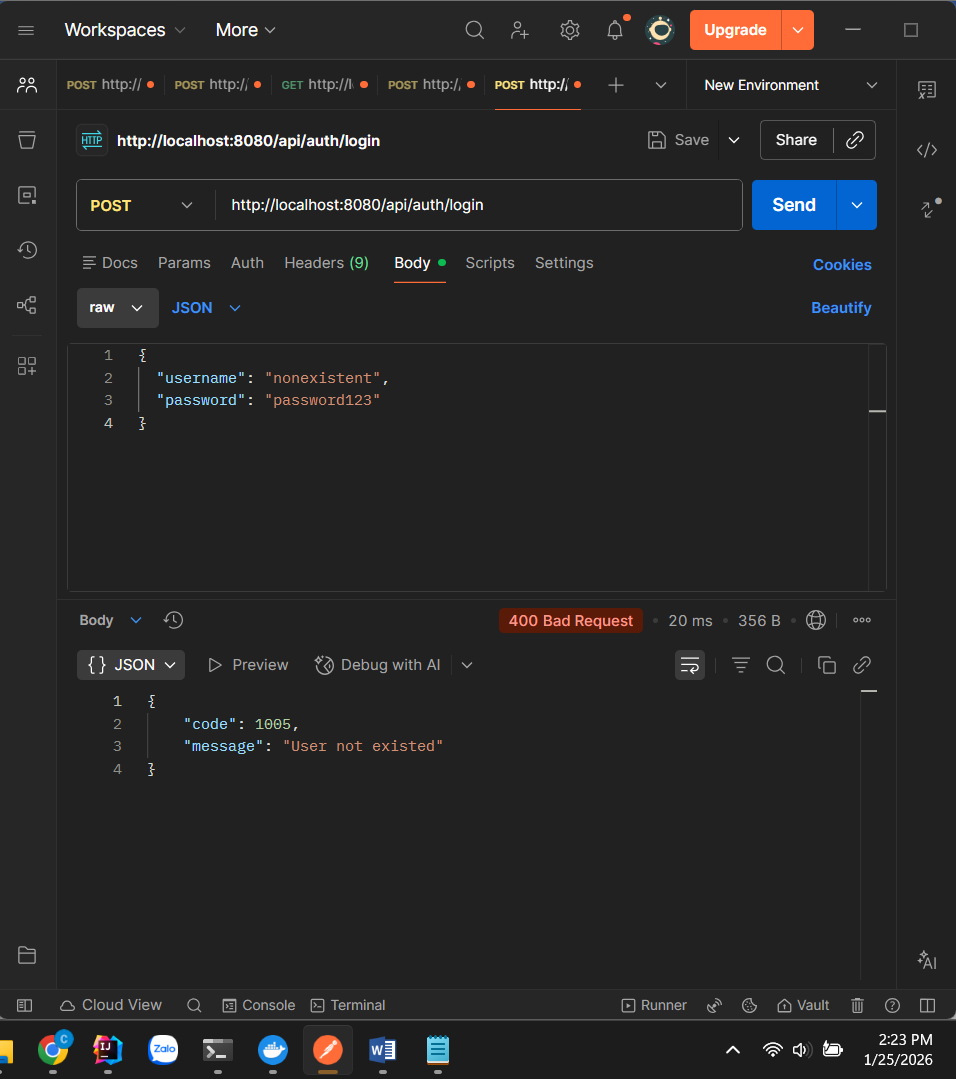
Test 2: Login với GUEST

****

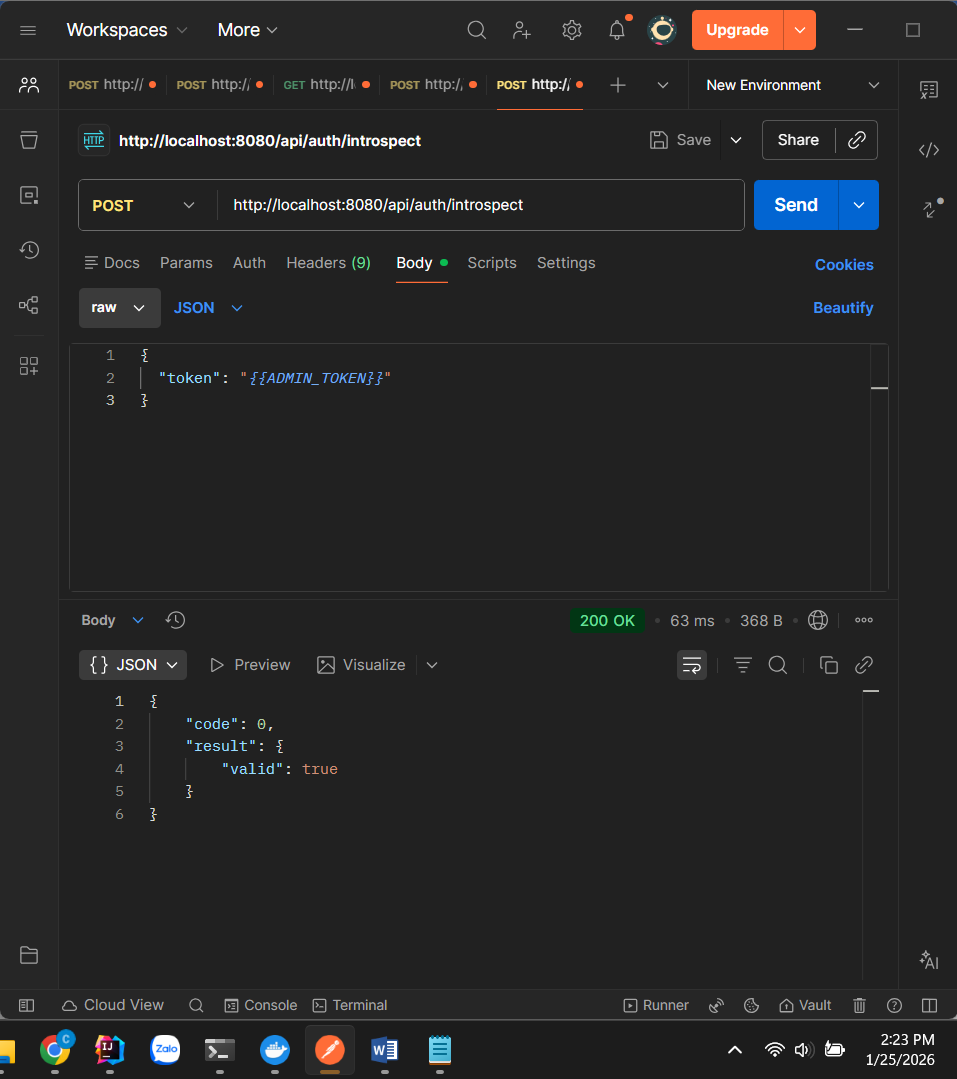
Test 3: Login với Sai Password



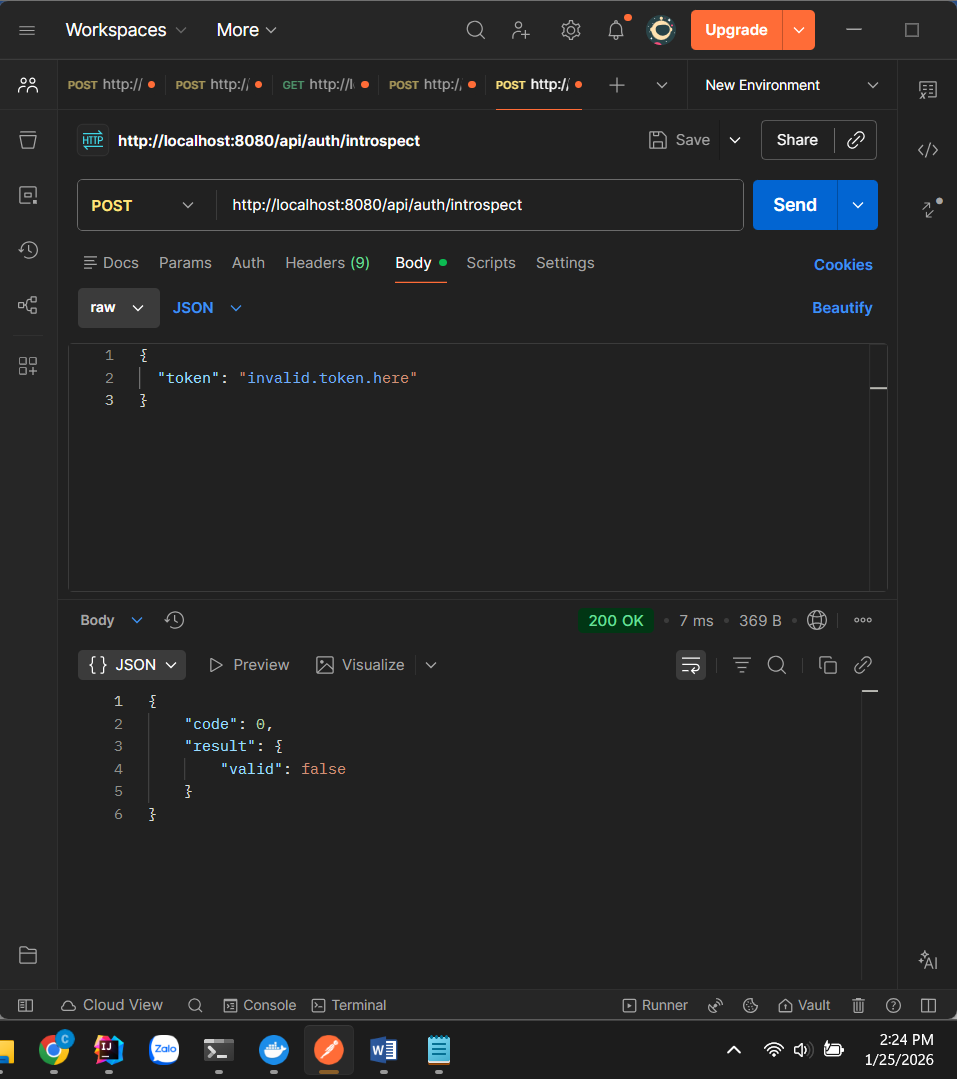
Test 4: Login với User Không Tồn Tại



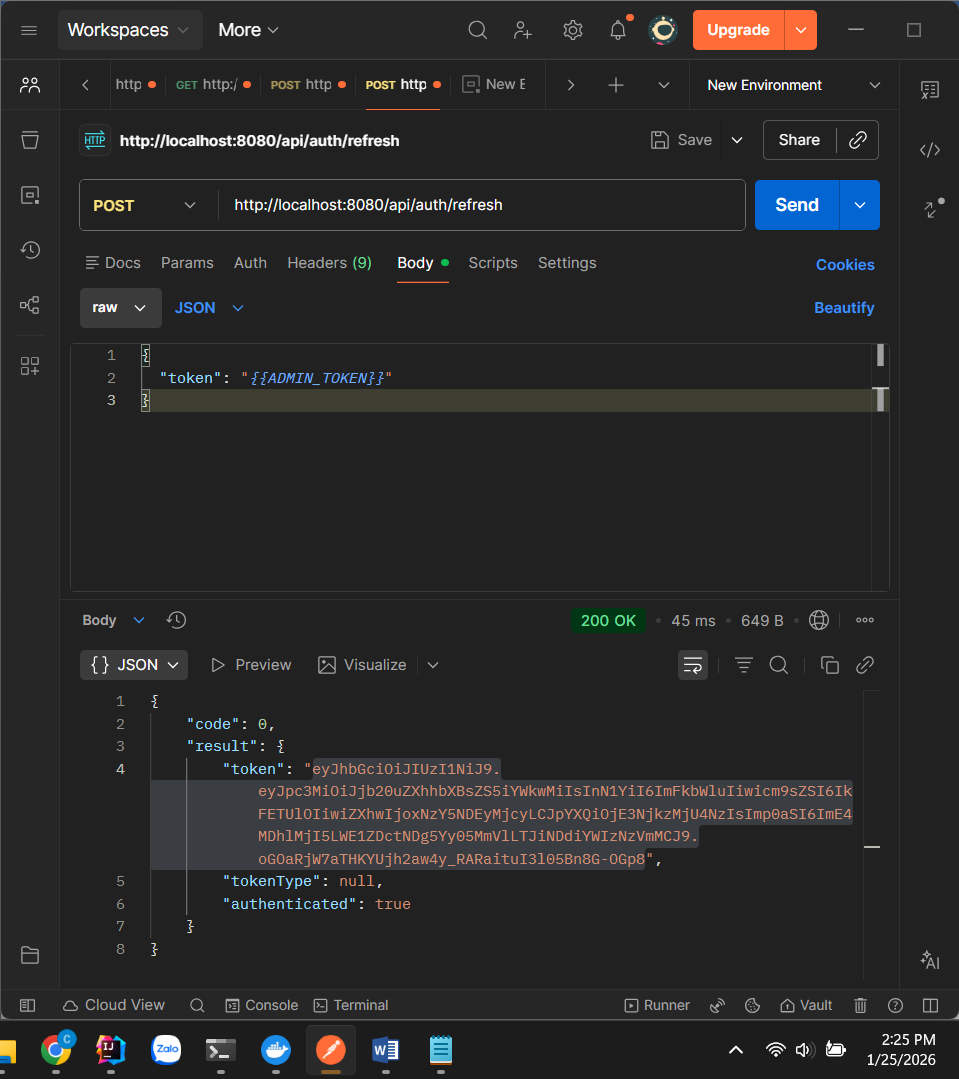
Test 5: Introspect Token (Kiểm tra token hợp lệ)



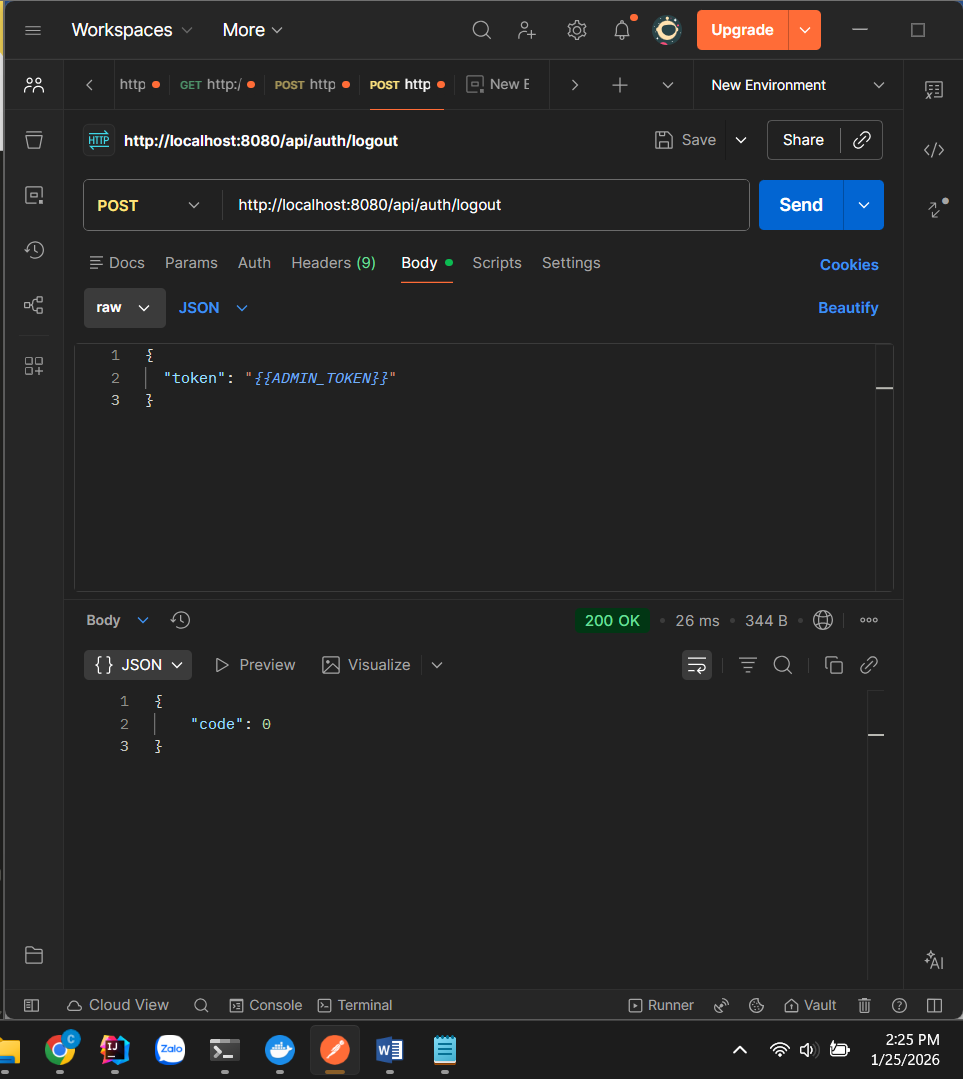
Test 6: Introspect Token Không Hợp Lệ

****

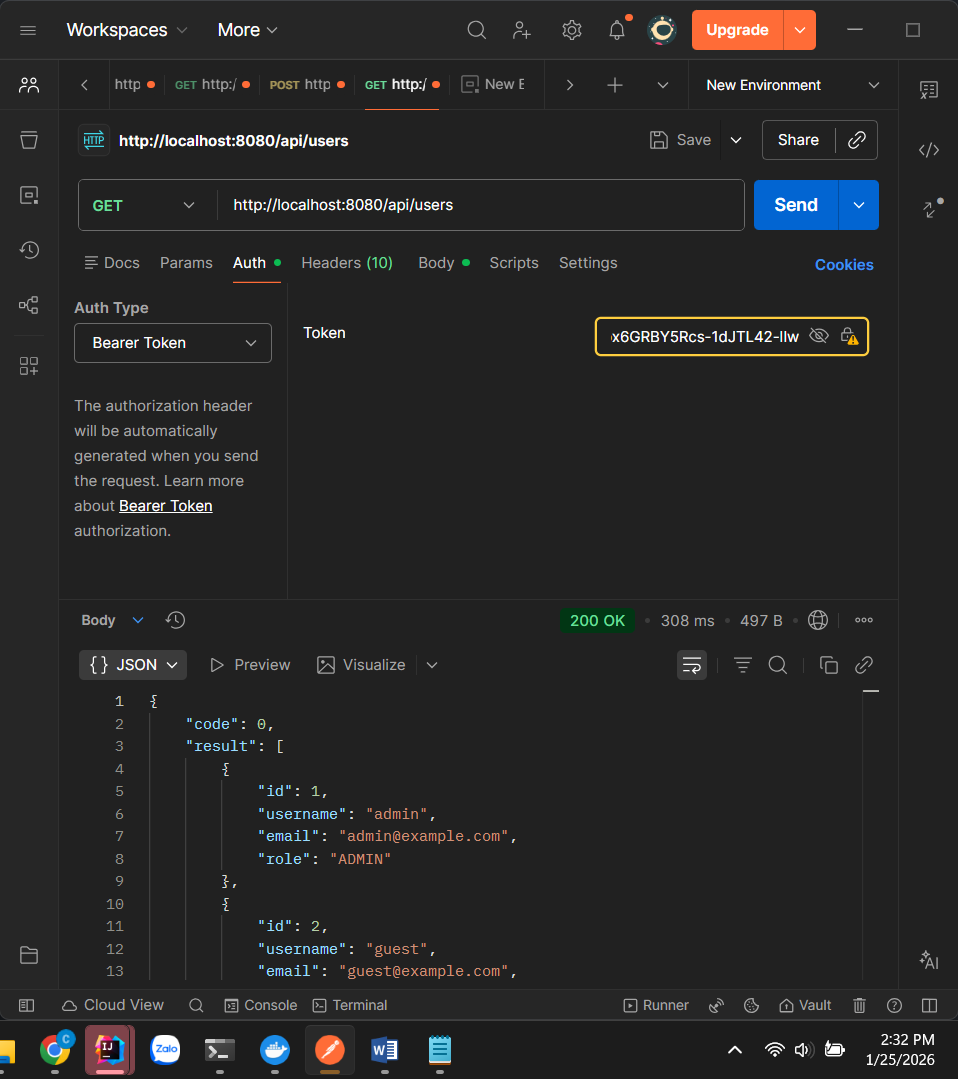
Test 7: Refresh Token

****

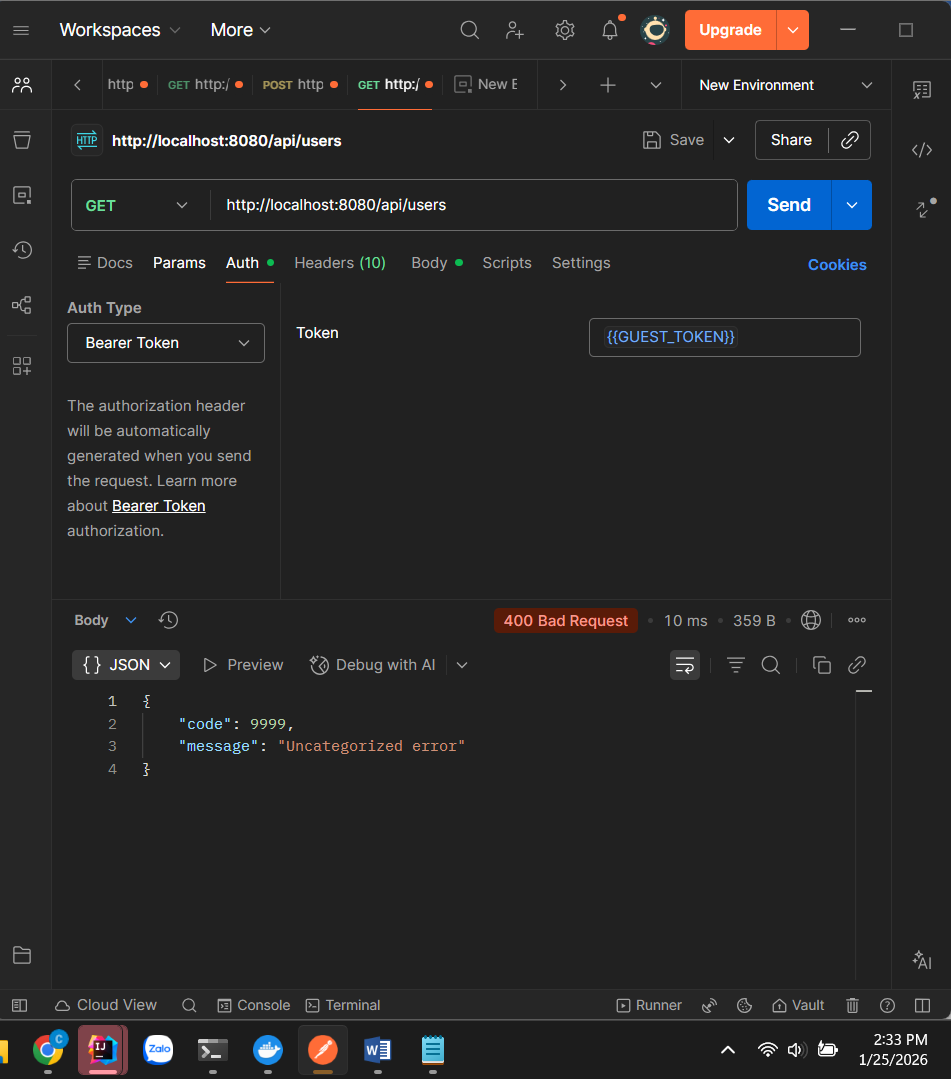
Test 8: Logout

****

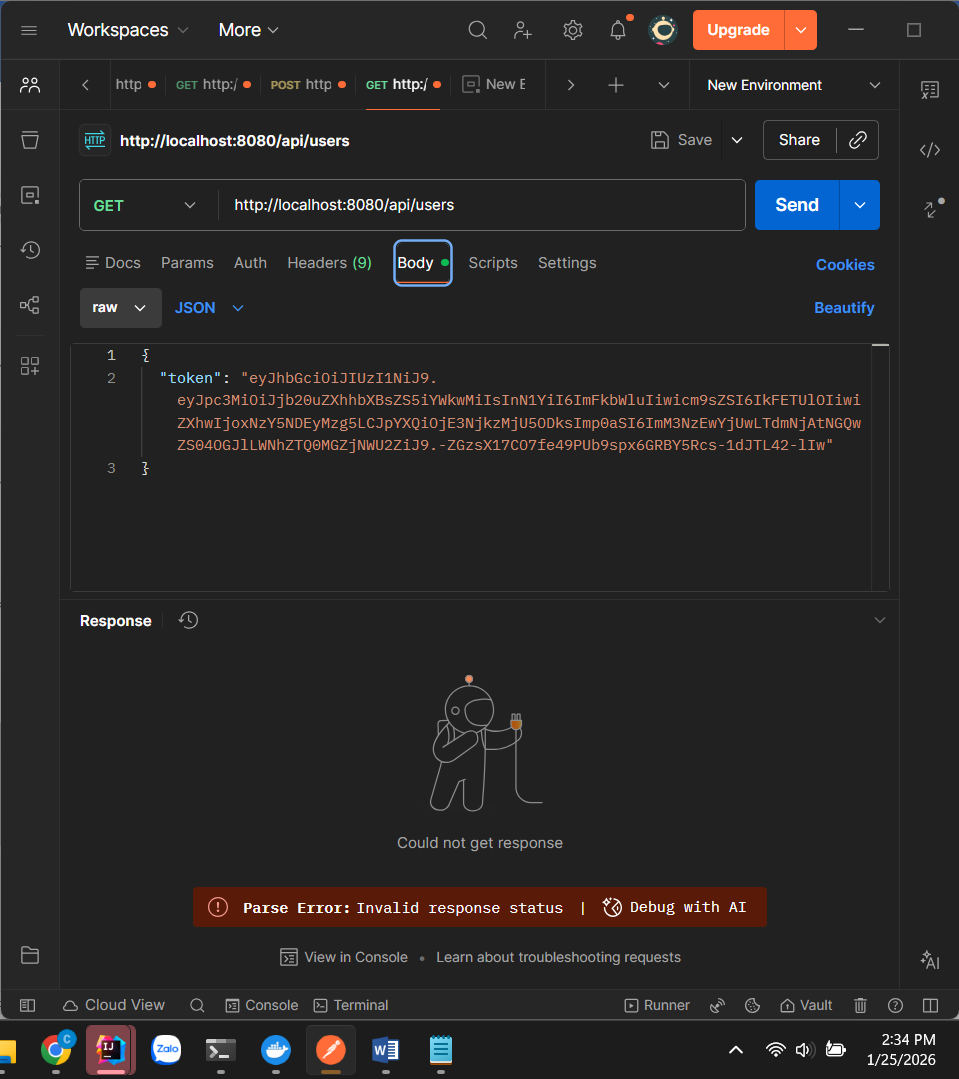
Test 9: Get All Users (ADMIN Only)

****

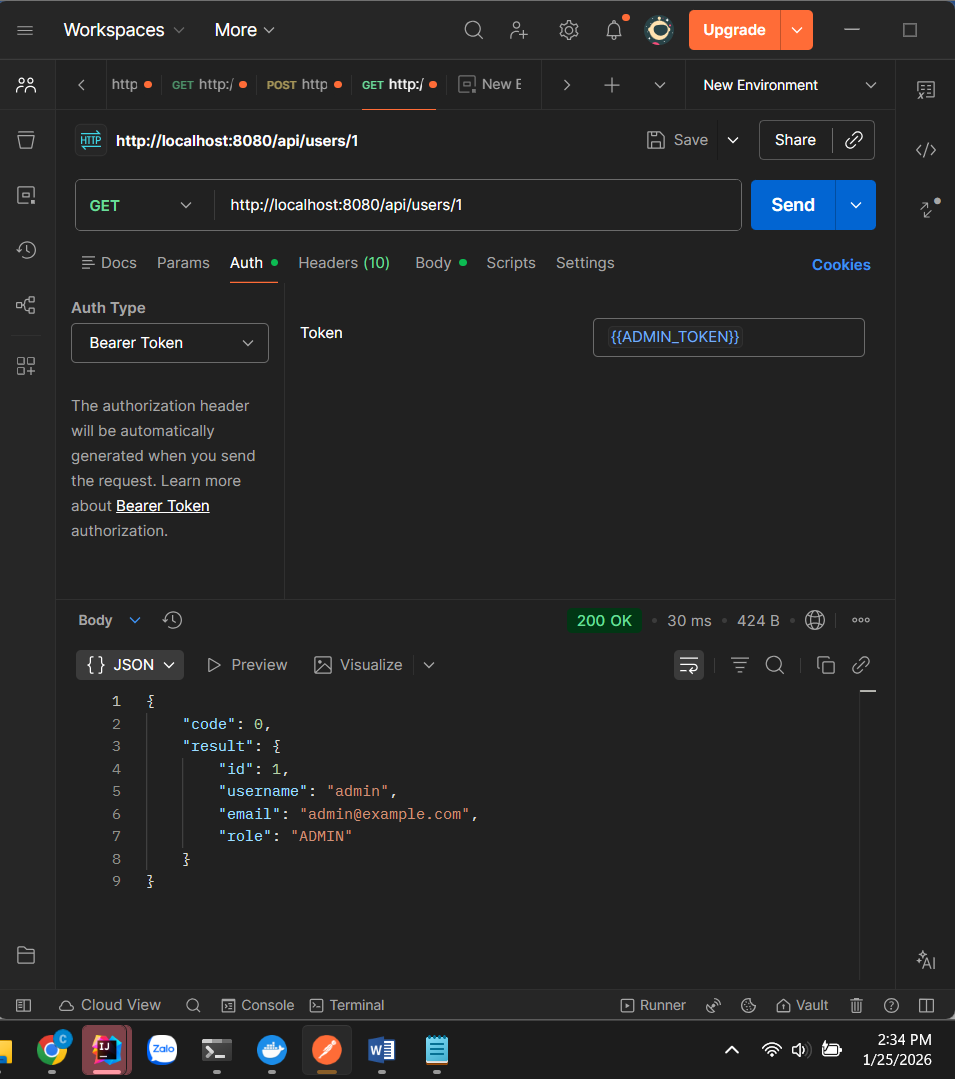
Test 10: Get All Users với GUEST Token (Should Fail)

****

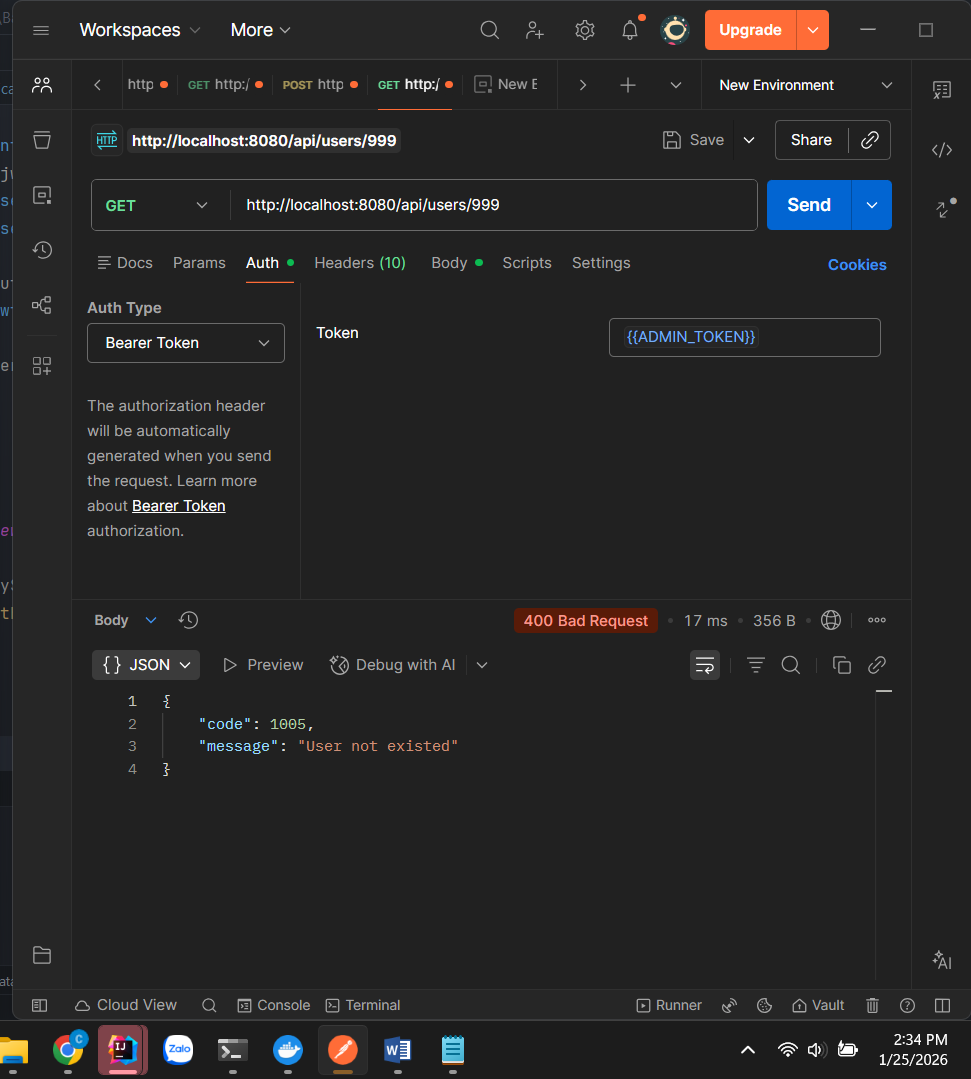
Test 11: Get All Users Không Có Token

****

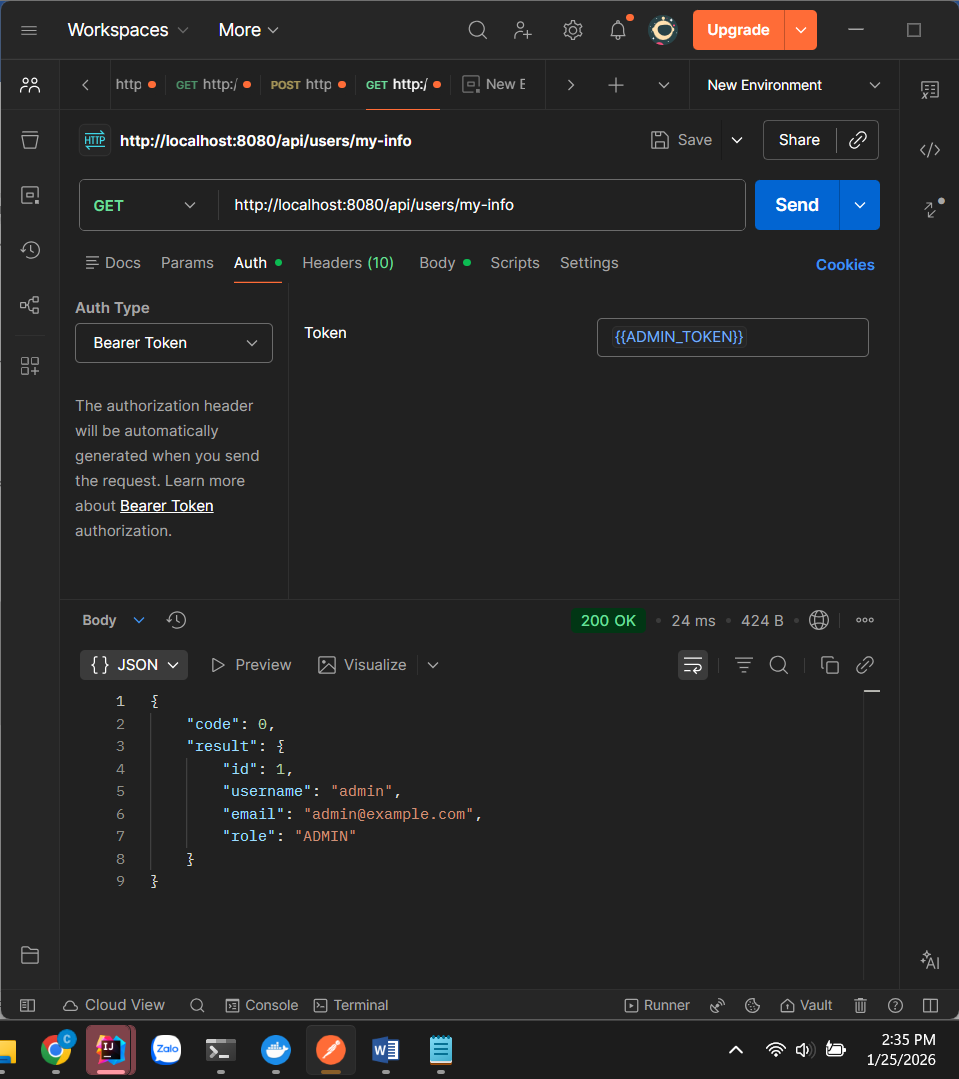
Test 12: Get User By ID (ADMIN & GUEST)

****

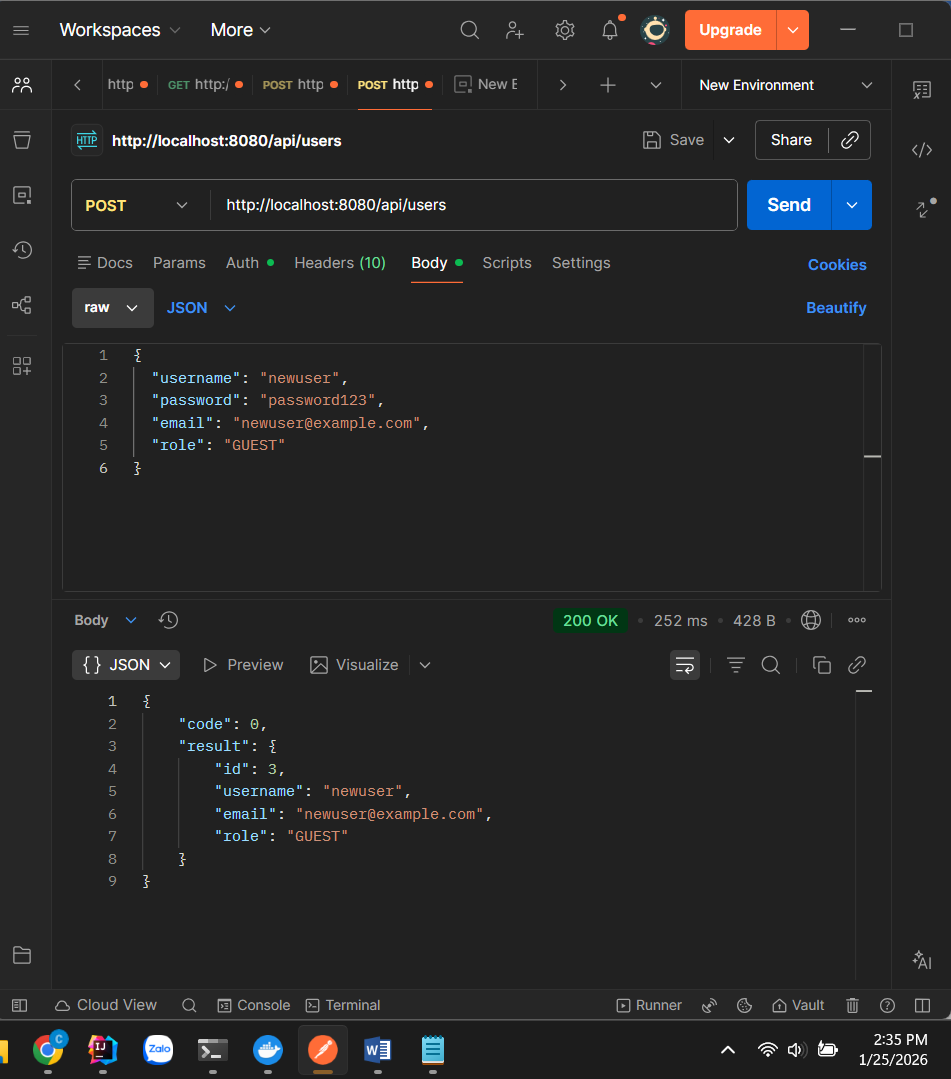
Test 13: Get User By ID Không Tồn Tại

****

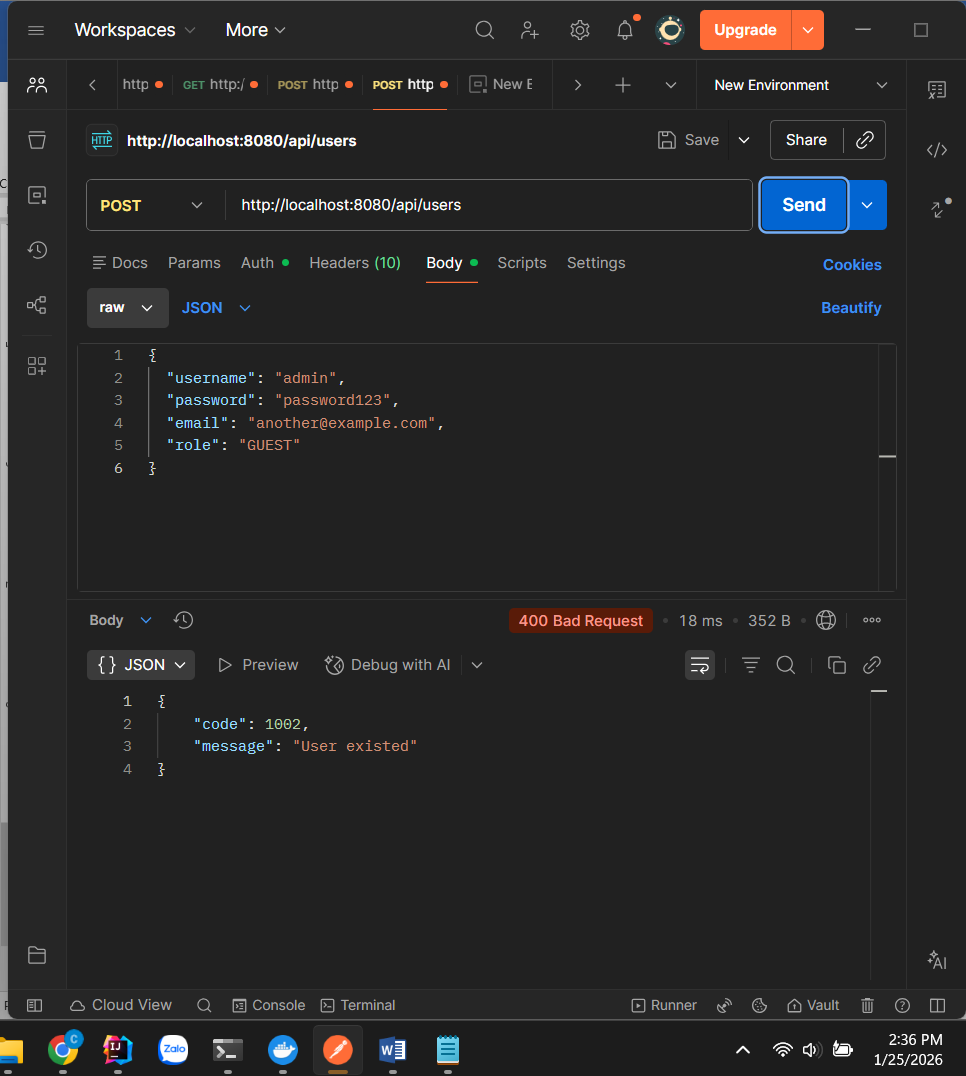
Test 14: Get My Info (Current User)

****

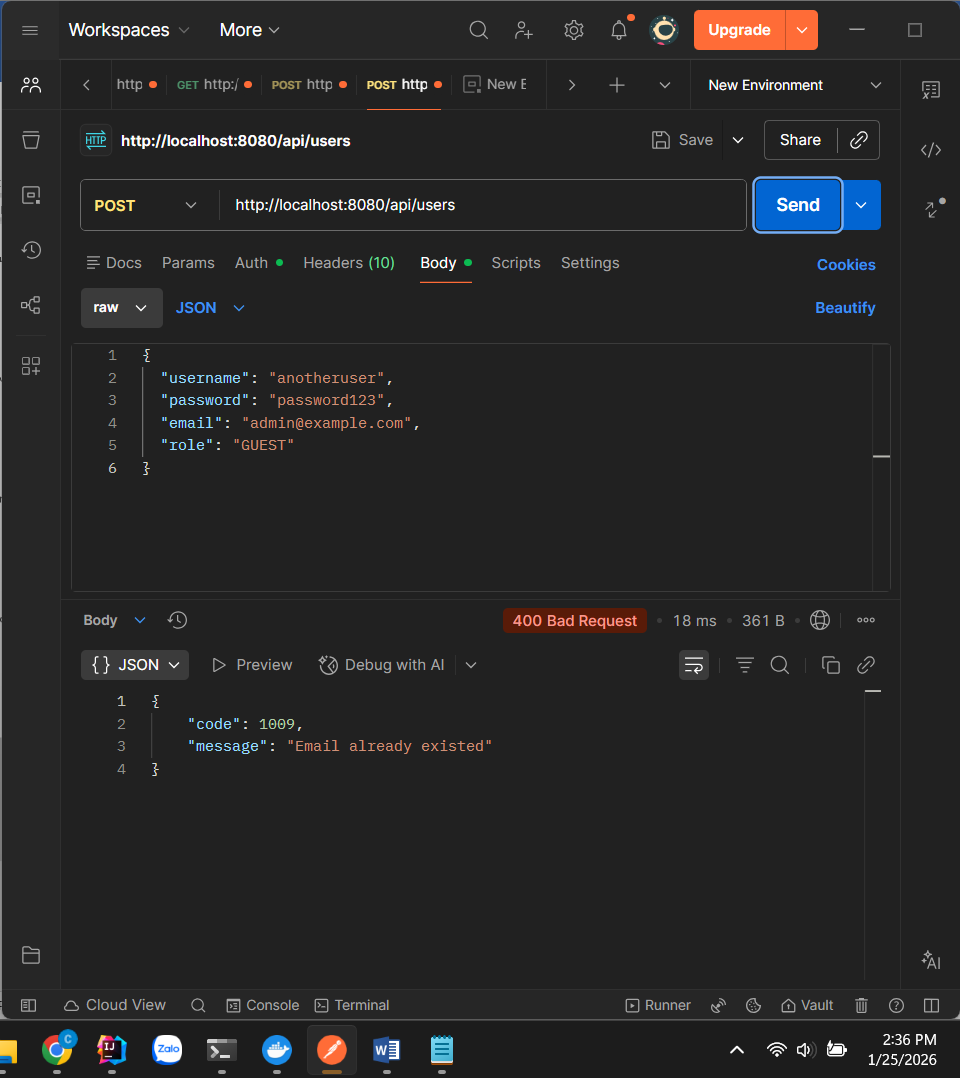
Test 15: Create User (ADMIN Only)

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Test 16: Create User với Username Đã Tồn Tại

****

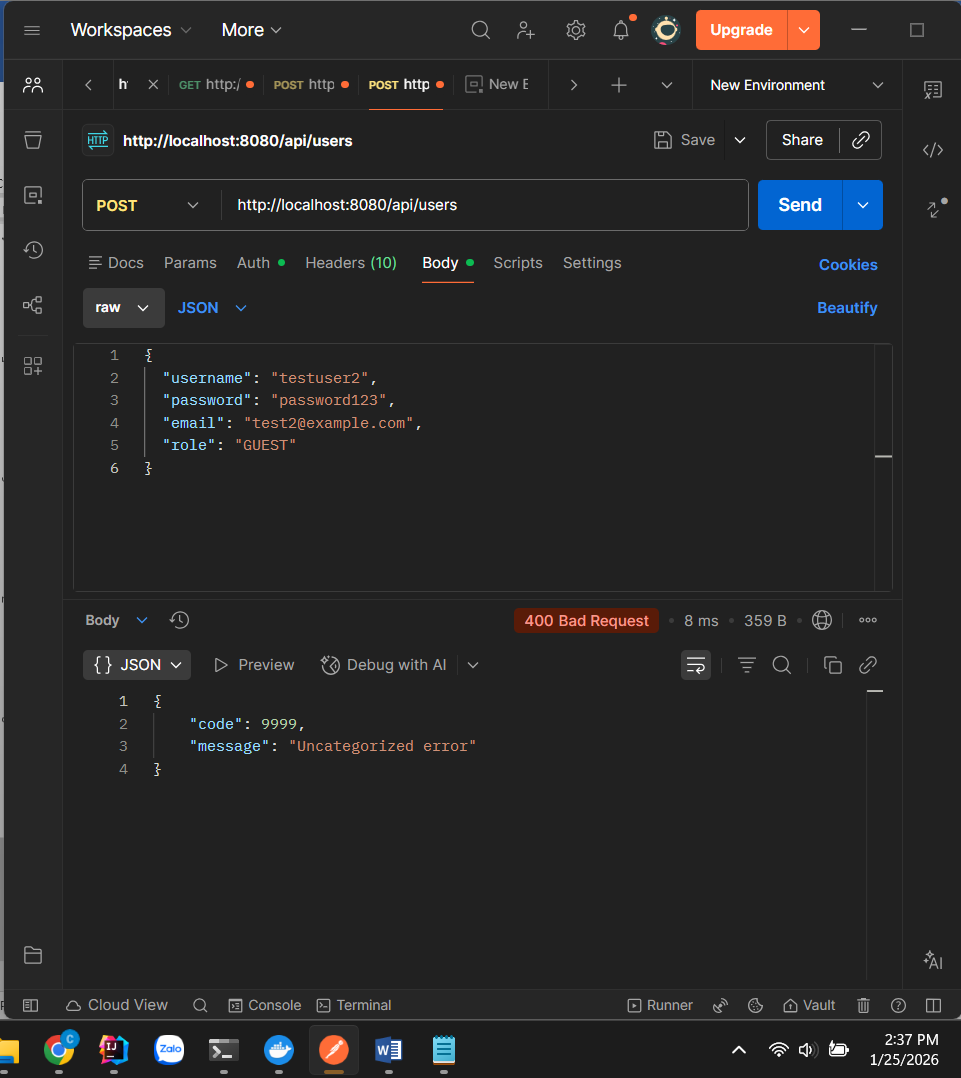
Test 17: Create User với Email Đã Tồn Tại

****

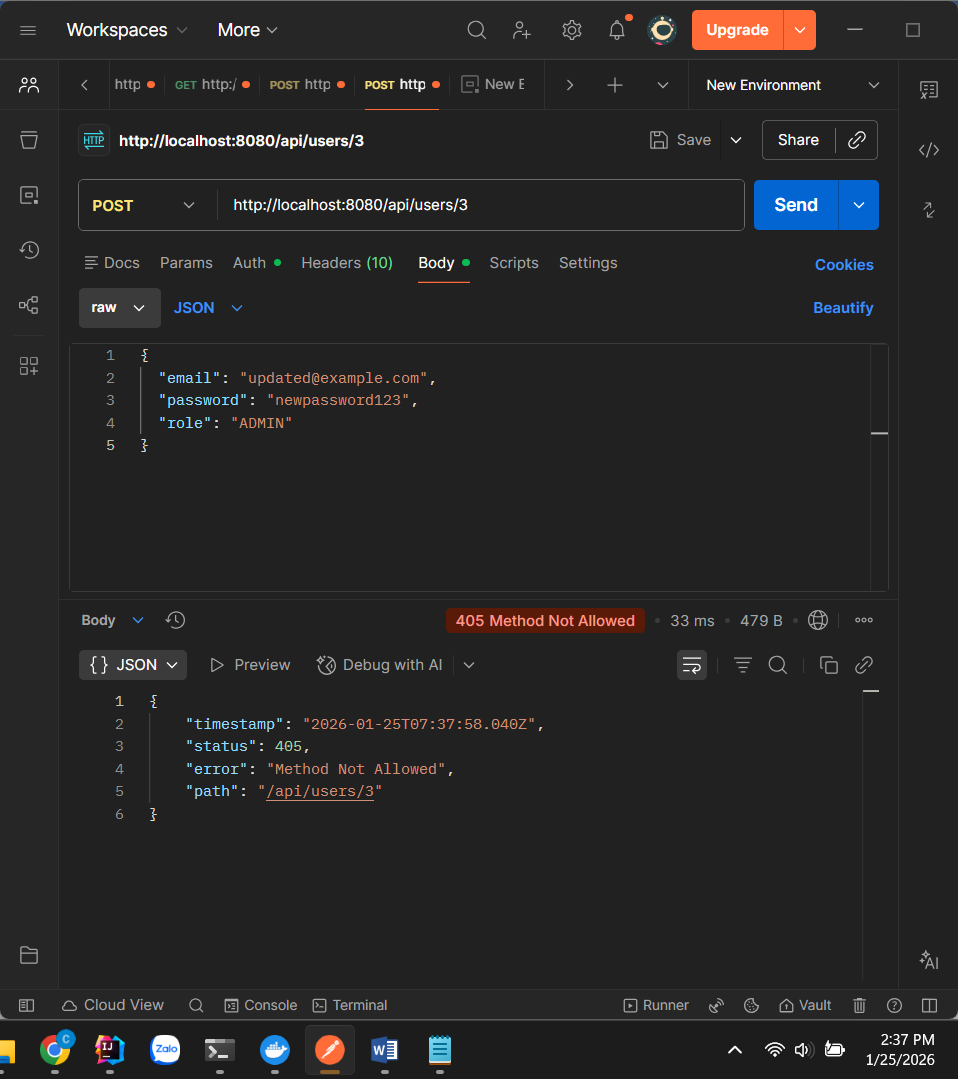
Test 18: Create User với Role Không Tồn Tại

****

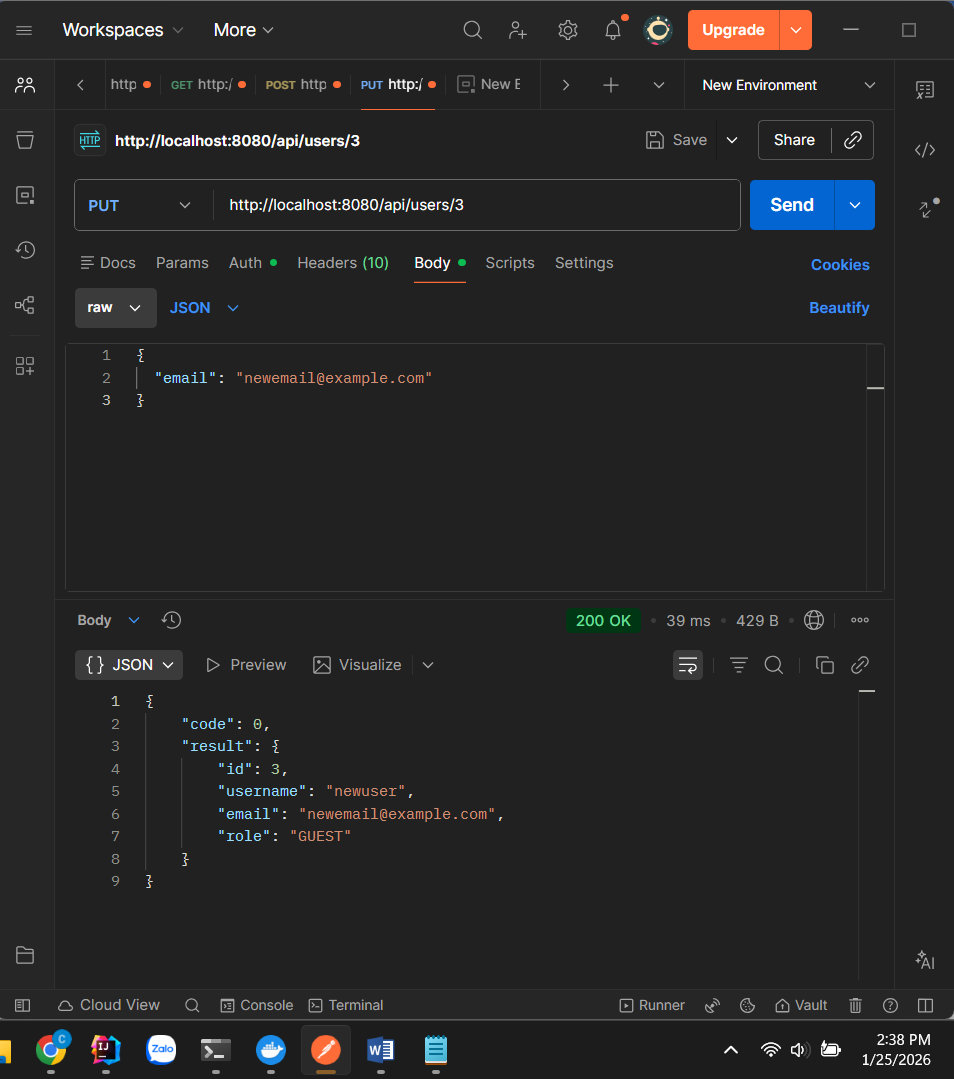
Test 19: Create User với GUEST Token (Should Fail)

****

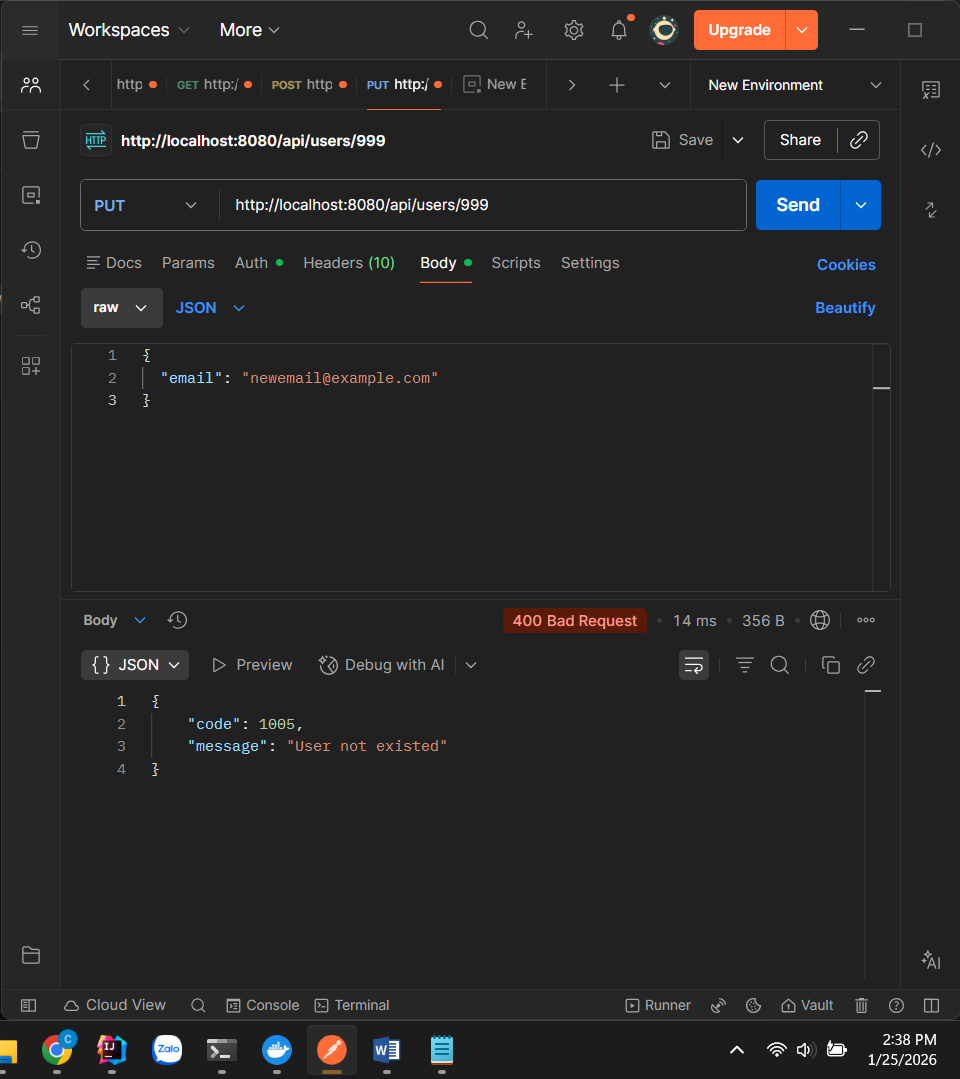
Test 20: Update User (ADMIN Only)

****

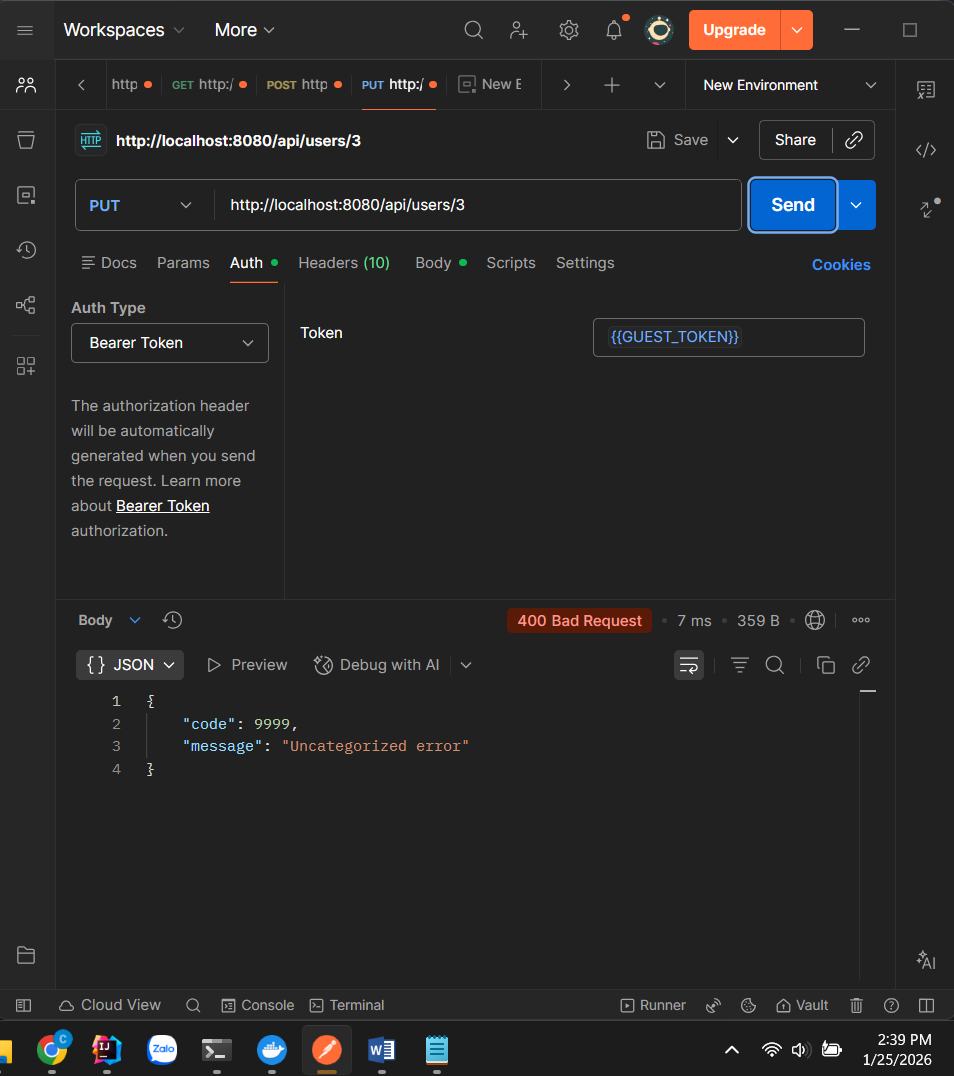
Test 21: Update User - Chỉ Email

****

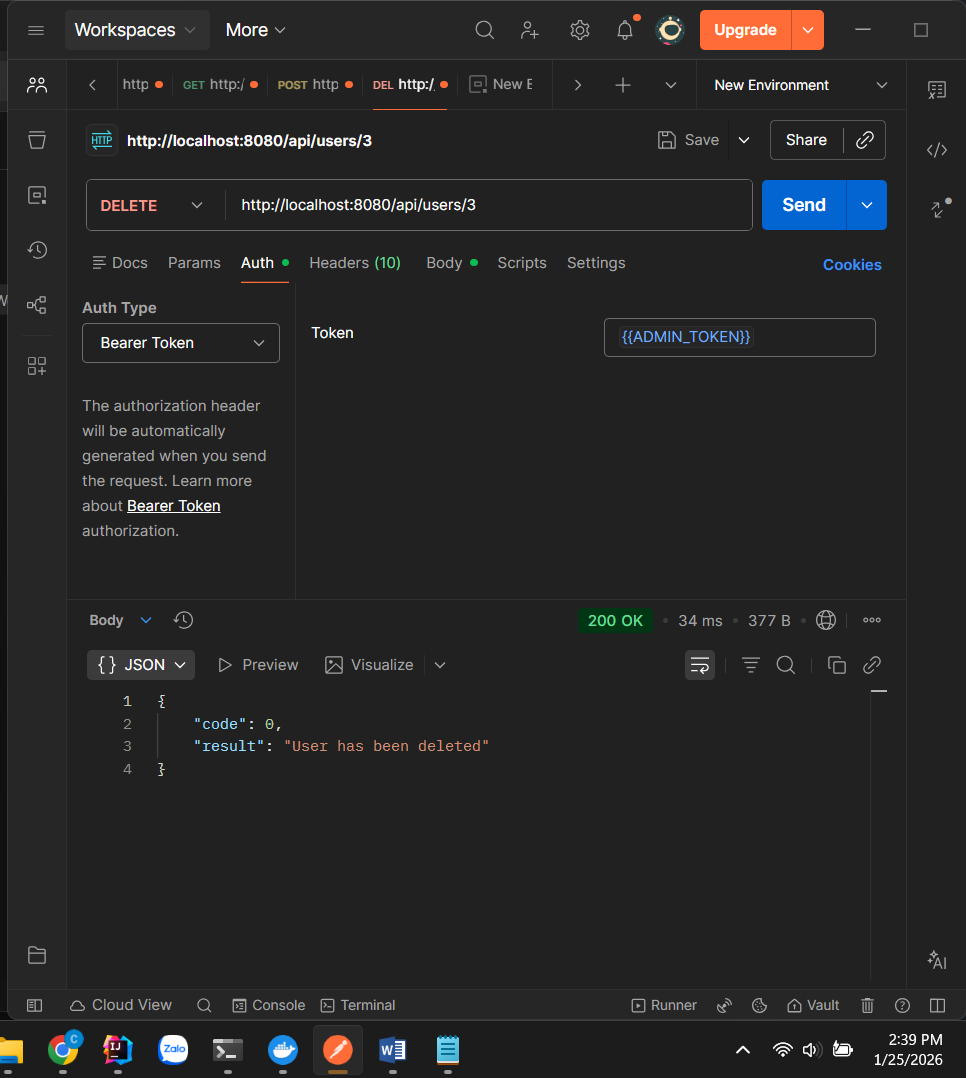
Test 22: Update User Không Tồn Tại

****

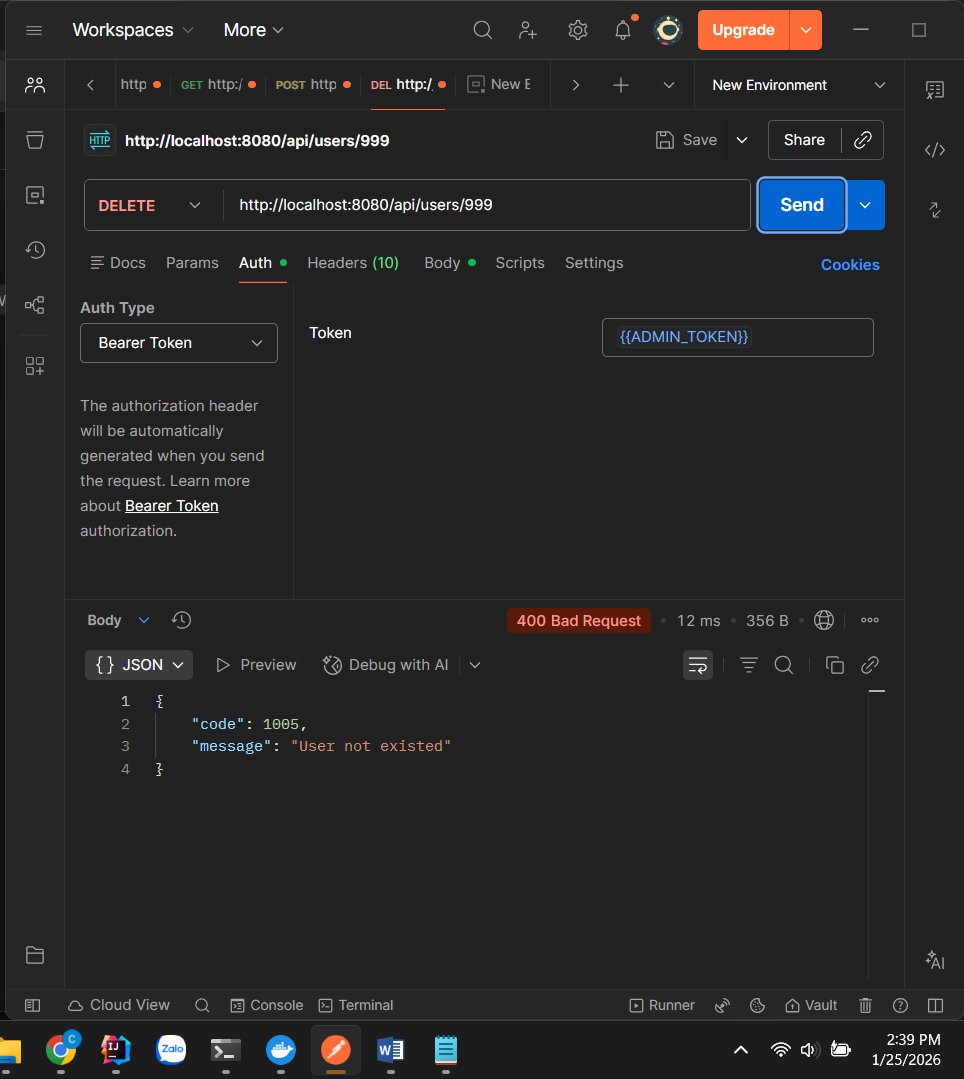
Test 23: Update User với GUEST Token (Should Fail)

****

Test 24: Delete User (ADMIN Only)

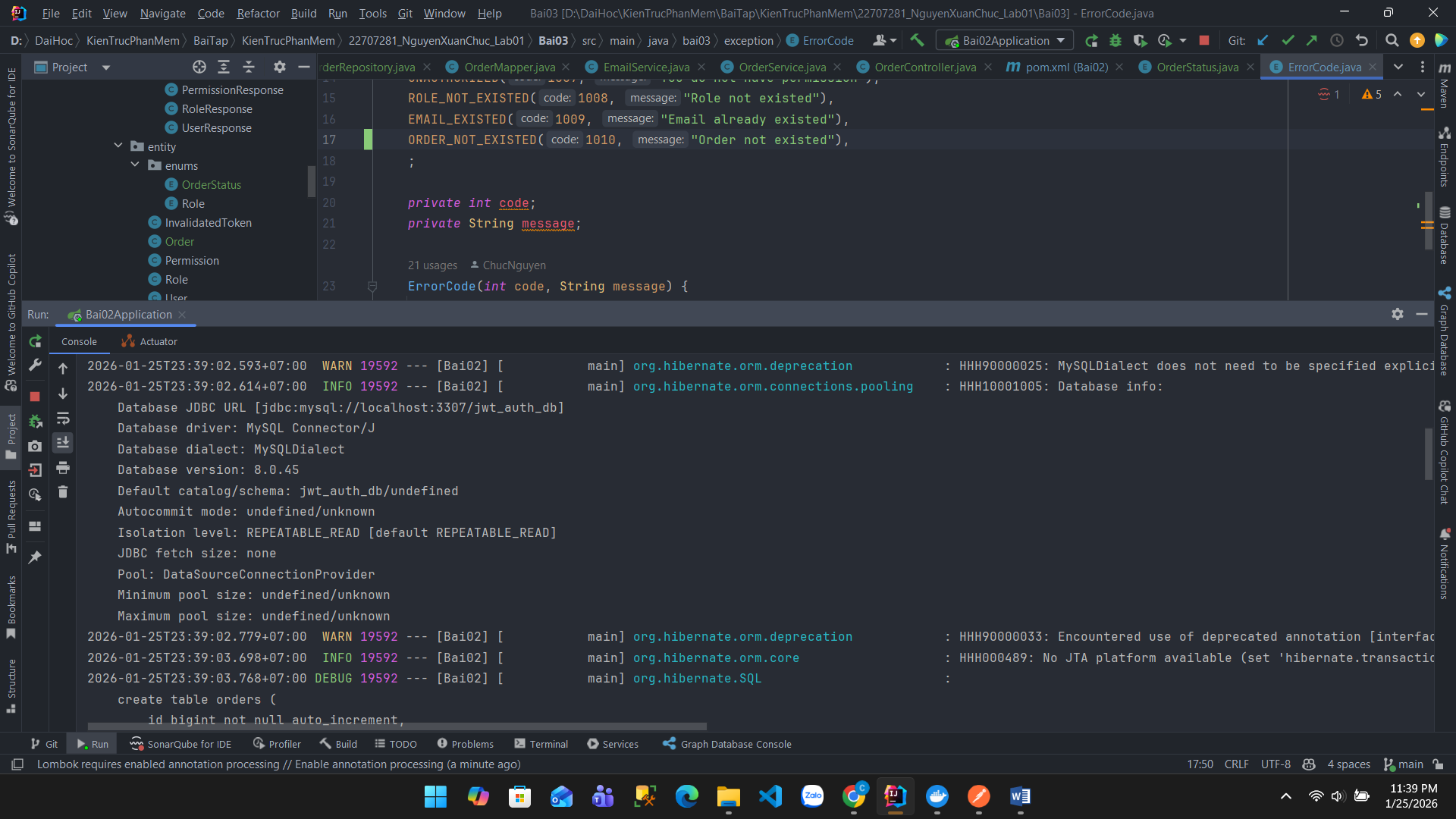
****

Test 25: Delete User Không Tồn Tại

****

**Bai\_03:**

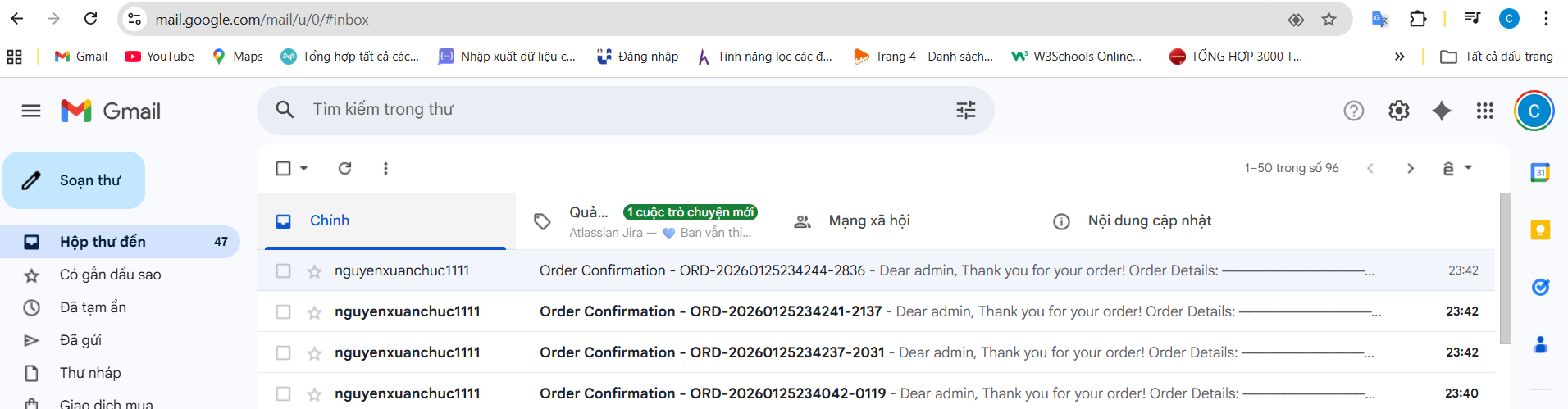
**Order khi chưa áp dụng rabbitmq: mất 4.81s cho 1 mail gửi đi**

****

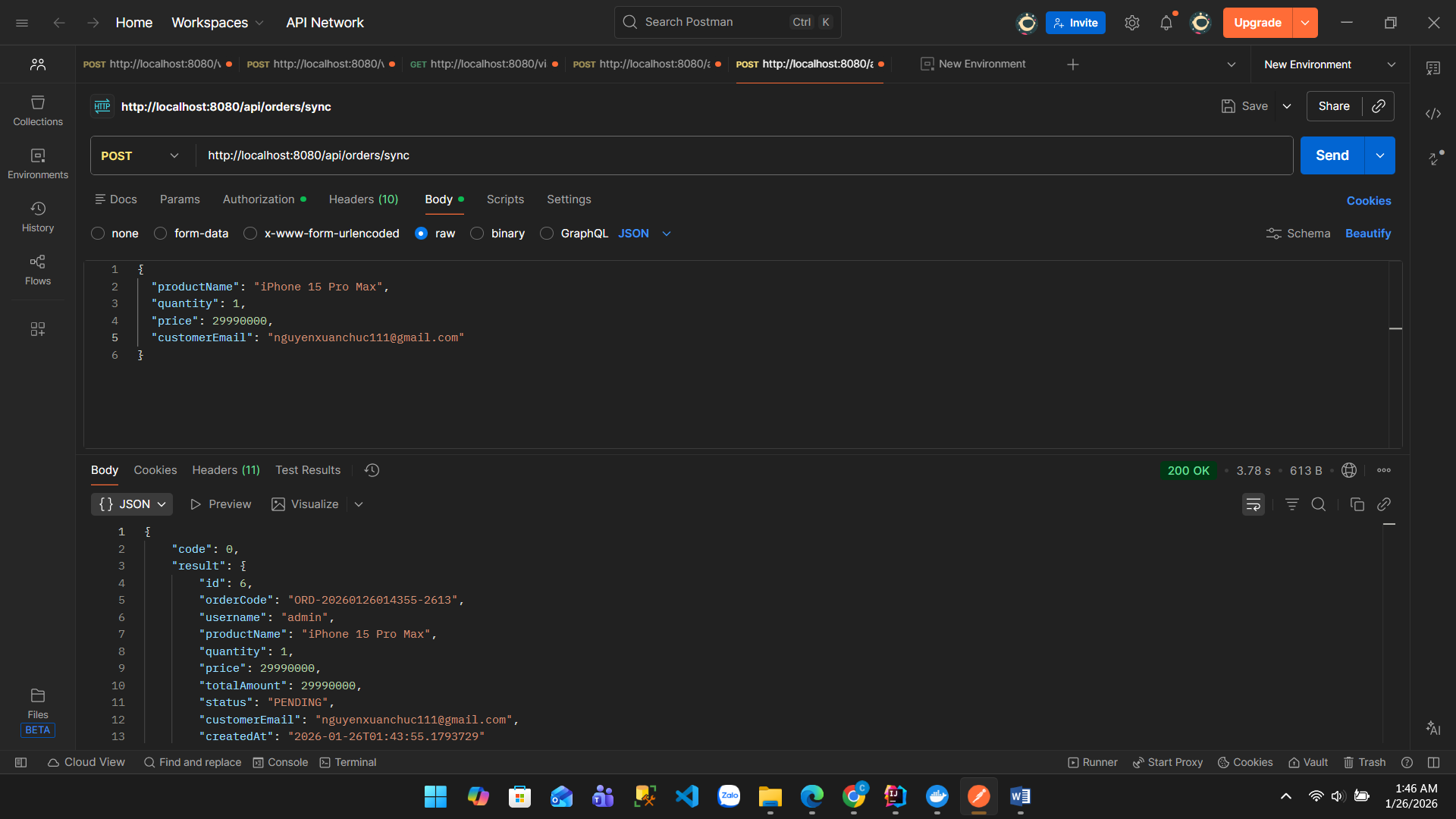
****

**Gửi 3 mail hết gần 10s:**

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**Order khi áp dụng rabbitmq: mất 3.78s cho 1 mail gửi đi**

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**Gửi 1 mail hết gần 34s:**

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