

ACCOUNTS MODULE – TEST CASE REPORT

- Unit Test Cases

Test ID	Test Case Name	Description	Test Steps	Expected Result	Status
TC-AC C-U01	test_user_string	Verify __str__ returns email + role	Create User object → call str(user)	Output matches "email (role)"	Pass
TC-AC C-U02	test_client_age_method	Validate client age() method	Create Client with valid DOB → call age()	Age returned correctly based on current date	Pass
TC-AC C-U03	test_specialization_str	Check Specialization string representation	Create specialization → call str()	Returns specialization name	Pass
TC-AC C-U04	test_email_verification_is_valid	Validate email verification token expiration	Create token with valid & expired timestamps → call is_valid()	Valid token returns True, expired returns False	Pass

- Integration Test Cases

Test ID	Test Case Name	Description	Test Steps	Expected Result	Status
TC-AC C-I01	test_register_client_success	Validate full client registration flow	POST registration form → create user + client profile → check response	Returns success JSON + user created in DB	Pass
TC-AC C-I02	test_register_counsellor_success	Validate counsellor registration workflow	POST registration with profession details + documents	Counsellor profile created + verification record generated	Pass

TC-AC C-I03	test_verification_email_sent	Ensure email verification triggered during signup	Register new user → capture email send	Email sent successfully	Pass
TC-AC C-I04	test_login_fail_if_not_verified	Ensure unverified users cannot login	Register user → login immediately	Error "Please verify your email"	Pass
TC-AC C-I05	test_login_success_after_verification	Validate login after successful verification	Register → manually mark <code>is_email_verified =True</code> → login	Login success JSON returned	Pass
TC-AC C-I06	test_logout	Validate logout functionality	Login user → call logout view	Returns success message & session ended	Pass

Overall Module Testing Summary

Category	Total Tests	Passed	Failed	Status
Unit Tests	4	4	0	Successful
Integration Tests	6	6	0	Successful
Total	10	10	0	ALL TESTS PASSED

Conclusion

The **Accounts module is fully validated** through Django unit + integration tests.

Core user management flows — **Registration, Email Verification, Login, Logout, and Model Behaviors** — are functioning correctly without breaking dependencies.

The screenshot shows a terminal window titled "Mind_Ease_V" with the following content:

```
(.venv) C:\Users\Himani\OneDrive\Desktop\Mind_Ease_V>python manage.py test accounts
Found 10 tests...
Creating test database for alias 'default'...
C:\Users\Himani\OneDrive\Desktop\Mind_Ease_V\venv\Lib\site-packages\razorpay\client.py:4: UserWarning: pkg_resources is deprecated as an API. See https://setuptools.pypa.io/en/latest/pkg_resources.html. The pkg_resou
rces package is slated for removal as early as 2025-11-30. Refrain from using this package or pin to setuptools<81.
  import pkg_resources
System check identified no issues (0 silenced).
...
=====
REGISTRATION DATA RECEIVED
=====
POST DATA:
  role: client
  first_name: Himani
  last_name: Shah
  email: himani@test.com
  phone: 9998877777
  gender: female
  password: password123
  date_of_birth: 2000-01-01
  primary_concern: anxiety
  about_me: Test
  terms_accepted: true

FILES DATA:
ROLE: client
Verification email sent to client@test.com
Client account created successfully: client@test.com
.....
-----
Ran 10 tests in 13.879s
OK
Destroying test database for alias 'default'...
(.venv) C:\Users\Himani\OneDrive\Desktop\Mind_Ease_V>
```