

Therapists MODULE – TEST CASE REPORT

Unit tests – CounsellorAvailabilityModelTests

Sr. No.	Test Case ID	Test Method Name	Type	Description	Expected Result
1	THT-MO1	test_str_returns_human_readable_representation	Unit	Create a CounsellorAvailability slot and check its __str__ output.	String contains counsellor name, ISO date and formatted start time.
2	THT-MO2	test_is_future_slot_true_for_future_date	Unit	Create a slot in the future and evaluate is_future_slot.	is_future_slot returns True.
3	THT-MO3	test_is_future_slot_false_for_past_date	Unit	Create a slot in the past and evaluate is_future_slot.	is_future_slot returns False.

Unit tests – TherapistsHelpersUnitTests

Sr. No.	Test Case ID	Test Method Name	Type	Description	Expected Result
4	THT-H01	test_update_counsellor_rating_with_reviews	Unit	Create 2 published reviews with different ratings, call update_counsellor_rating.	counsellor.rating becomes average (4.50) and total_reviews becomes 2.
5	THT-H02	test_update_counsellor_rating_without_reviews_sets_zero	Unit	Call update_counsellor_rating when no published reviews exist.	counsellor.rating is 0.00 and total_reviews is 0.

6	THT-H03	test_parse_iso_date_valid_and_invalid	Unit	Pass valid/invalid strings to _parse_iso_date.	Valid ISO string returns date object; empty/invalid/None return None.
7	THT-H04	test_parse_time_value_and_serialize_slot	Unit	Test _parse_time_value with multiple formats and _serialize_slot for a slot instance.	Correct time objects returned; serialized dict has correct id, date, times and is_booked.

Integration tests – TherapistsViewsIntegrationTests

Sr. No.	Test Case ID	Test Method Name	Type	Description	Expected Result
8	THT-V01	test_therapist_list_basic_and_search_filters	Integration	Call therapists list view with and without search query.	Response 200; counsellor present in therapists context; search by name still returns same counsellor.
9	THT-V02	test_counsellor_detail_includes_reviews_and_stats	Integration	Create a published review and open counsellor_detail.	Response 200; context contains counsellor, a paginated reviews object and total_reviews = 1.
10	THT-V03	test_submit_review_requires_client_profile	Integration	Log in as a user without Client profile and POST review form.	No review created; user is redirected; HTTP status 200 after follow and messages framework handles error.
11	THT-V04	test_submit_review_success_and_updates_rating	Integration	Log in as valid client, submit review with rating 5.	Review row created; counsellor's total_reviews = 1 and rating = 5.00.

12	THT-V05	test_edit_review_only_owner_can_edit	Integration	Create a review; attempt edit by another client and then by the owner.	Non-owner's POST leaves review unchanged; owner's POST updates rating/title/content successfully.
13	THT-V06	test_delete_review_only_owner_can_delete	Integration	Create a review; attempt delete by another client and then by owner.	Non-owner POST keeps review; owner POST deletes review; record no longer exists.
14	THT-V07	test_counsellor_dashboard_requires_counsellor	Integration	Log in as client and request counsellor_dashboard.	Response is a redirect (302) because client is not a counsellor.
15	THT-V08	test_counsellor_dashboard_shows_basic_stats	Integration	Log in as counsellor and open dashboard with existing bookings.	Response 200; context includes counsellor object, totals for sessions/clients and earnings_summary dict.
16	THT-V09	test_counsellor_profile_permissions_and_success	Integration	Access counsellor_profile as client (blocked) and counsellor (allowed).	Client gets 302 redirect; counsellor gets 200 with counsellor in context.
17	THT-V10	test_upload_counsellor_profile_picture_permission_and_validation	Integration	Call profile-picture upload as non-counsellor, and then as counsellor with invalid file type.	Non-counsellor receives 403; counsellor with .txt file receives 400 and JSON success = False.
18	THT-V11	test_upload_counsellor_profile_picture_success	Integration	Log in as counsellor and upload a small JPEG file.	Response 200 with JSON success = True; counsellor user now has a profile_picture set.

19	THT-V12	test_update_counsellor_profile_permissions_and_invalid_json	Integration	POST to update_counsellor_profile as client and as counsellor with invalid JSON body.	Client receives 403; counsellor receives 400 with JSON success = False.
20	THT-V13	test_update_counsellor_profile_success_updates_fields	Integration	POST valid JSON payload as counsellor to update name, phone, fee, meet link and bio.	Response 200 with success = True; corresponding User and Counsellor fields updated in DB.
21	THT-V14	test_counsellor_availability_api_requires_counsellor	Integration	Call counsellor_availability_api GET as client.	Response 403 with JSON error since client is not counsellor.
22	THT-V15	test_counsellor_availability_api_get_returns_slots	Integration	Call counsellor_availability_api GET as counsellor with a date range including an existing slot.	Response 200; JSON success = True; slots contains at least one item plus meta keys like session_duration and profile_visible.
23	THT-V16	test_counsellor_availability_api_post_creates_and_updates_slots	Integration	POST JSON with session_duration, break_duration and one new slot; executed as counsellor.	Response 200; new CounsellorAvailability for given date/time exists; counsellor's default_session_duration updated and is_available becomes True.

24	THT-V17	test_public_counsellor_availability_validations_and_success	Integration	Call public availability endpoint without date, with too-early date, and with valid future date containing an available slot.	Missing/invalid date returns 400 with success = False; too-early date returns 400; valid date returns 200 with success = True and list of free slots.
25	THT-V18	test_counsellor_manage_slots_permissions_and_success	Integration	Access counsellor_manage_slots as client and then as counsellor.	Client receives 302 redirect; counsellor gets 200 and context contains their counsellor object.

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(.venv) C:\Users\Himani\OneDrive\Desktop\Mind_Ease_V>python manage.py test therapists
Found 25 test(s).
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.htm
1. The pkg_resources 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).
.....\QuerySet [xBooking: HBK-98cFF68122 - Alice User ->Thera Pist>]
.....
Ran 25 tests in 48.896s

OK
Destroying test database for alias 'default'...
(.venv) C:\Users\Himani\OneDrive\Desktop\Mind_Ease_V>

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