

CLIENT MODULE – TEST CASE REPORT

Sr. No.	Test Case ID	Test Name	Purpose
1	CLD-001	test_dashboard_requires_login	Ensure unauthenticated users are redirected to login for client dashboard.
2	CLD-002	test_dashboard_non_client_redirects_home	Ensure non-client users cannot access client dashboard.
3	CLD-003	test_dashboard_context_for_client_with_no_bookings	Verify dashboard stats and context for a valid client with no bookings.
4	CLP-001	test_profile_requires_login	Ensure unauthenticated users are redirected to login for client profile page.
5	CLP-002	test_profile_non_client_redirects_home	Ensure non-client users cannot access client profile page.
6	CLP-003	test_profile_get_renders_template_and_context	Verify profile page loads correctly for a client and returns correct context.
7	CLP-004	test_profile_post_updates_basic_fields	Verify POST on profile page updates user + client fields and redirects.
8	CPW-001	test_change_password_get_renders_form	Ensure change-password page renders correctly for logged-in users.
9	CPW-002	test_change_password_incorrect_current	Verify incorrect current password is rejected and password is unchanged.
10	CPW-003	test_change_password_mismatch_new_passwords	Verify mismatching new passwords are rejected and password is unchanged.
11	CPW-004	test_change_password_success_redirects_based_on_role	Verify successful password change updates password and redirects to client profile.

12	UPP-001	test_upload_requires_post_and_file	Ensure upload endpoint rejects non-POST or requests without a file.
13	UPP-002	test_upload_rejects_invalid_file_type	Validate that only image file types (jpeg/png/gif) are accepted.
14	UPP-003	test_upload_rejects_too_large_file	Ensure files >5MB are rejected with proper error.
15	UPP-004	test_upload_valid_image_succeeds	Verify valid image upload succeeds and updates profile_picture.

Example: CLD-003 – Dashboard context

- **Module:** `client.views.client_dashboard`
- **Pre-conditions:**
 - Authenticated user with role `client`
 - No bookings for this client
- **Input:** `GET /client/dashboard/`
- **Expected Result:**
 - Status code 200
 - Context contains `client`, `user`
 - `total_sessions = 0`, `upcoming_count = 0`, `past_count = 0`
 - `completed_sessions = 0`, `pending_payments = 0`
 - `total_spent = 0.00`, `next_session = None`
- **Actual Result:** As expected (test passed).

Client Module Testing Summary

- **Total tests:** 15
- **Passed:** 15
- **Failed:** 0
- **Tools:** Django `TestCase`, built-in test client
- **Coverage focus:**
 - Access control (login + role checks)
 - Dashboard/profile data and updates
 - Password change validation
 - AJAX profile picture upload (file type & size validation)

