nagAI: Test Cases
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Navbar

TC 0-1 : Page-link navigation	
Steps	1. Load any page. 2. Click every visible page link in the Navbar.
Expected result	View switches to the corresponding page and the clicked link is highlighted in the designated accent color.
Result	The current page is differentiated from other pages by its color and properly shifts the page.

TC 0-2 : Logo navigation	
Steps	1. From any page except Main, click the NAGai logo at top-left.
Expected result	Application navigates to Main Page.
Result	Application navigates to Main Page.

TC 0-3 : My-Account button	
Steps	1. Ensure you are logged in. 2. Click the user-name button at top-right.
Expected result	My Account modal opens over the current window.
Result	My Account modal opens over the current window.

Create Account / Log In (Feature 1)

TC 1-1 : Google-OAuth popup	
Steps	1. On the Login page, click Continue with Google.

Expected result	Google OAuth popup appears within 2 s.
Result	Google OAuth popup appears within 2 s.

TC 1-2 : New-user-sign-up flow	
Steps	1. Use a Google account not in the DB. 2. Tick both check-boxes in Terms & Conditions. 3. Press Continue.
Expected result	New row (google_id, full_name, created_at, last_login) is created; confirmation page with name field appears.
Result	New row (google_id, full_name, created_at, last_login) is created; confirmation page with name field appears.

TC 1-3 : Existing-user login	
Steps	1. Sign in with a Google account that already exists.
Expected result	User is logged in, last_login is updated, and Main Page loads.
Result	User is logged in, last_login is updated, and Main Page loads.

TC 1-4 : Terms-and-Conditions gating	
Steps	1. Leave ≥ 1 check-box unticked.
Expected result	Continue button remains disabled / greyed-out.
Result	Continue button remains disabled / greyed-out.

TC 1-5 : Cancel	
Steps	1. Click Cancel on the overlay.
Expected result	Overlay closes; user returns to Login page.
Result	Overlay closes; user returns to Login page.

TC 1-6 : Name-field length	
Steps	1. On the name-confirmation page, type > 30 chars.
Expected result	Input is truncated or blocked beyond 30 characters.
Result	Input is truncated or blocked beyond 30 characters.

TC 1-7 : OAuth failure message	
Steps	1. Disable network; click Continue with Google.
Expected result	Red error "Failed to authenticate with Google." appears; user stays on Login page.
Result	Red error "Failed to authenticate with Google." appears; user stays on Login page.

Main Page (Feature 2)

TC 2-1 : Webcam feed visible	
Steps	1. Load Main Page and observe 16 : 9 box.
Expected result	Live webcam feed shows.
Result	Live webcam feed shows.

TC 2-2 : Distraction-count badge	
Steps	1. Trigger a distraction (e.g. look at phone).
Expected result	Badge on Distractions button increments by 1.
Result	Badge on Distractions button increments by 1.

TC 2-3 : Focus-session timer style	
Steps	1. Start a focus session.
Expected result	Circular timer border is red #EB6565; counts down 25 : 00 → 0 : 00.
Result	Circular timer border is red #EB6565; counts down 25 : 00 → 0 : 00.

TC 2-4 : Break-session timer style	
Steps	1. After focus ends (or force-break).
Expected result	Timer border is blue #65B3EB; counts down 5 : 00 → 0 : 00.
Result	Timer border is blue #65B3EB; counts down 5 : 00 → 0 : 00.

TC 2-5 : Distraction logic (< 40)	
Steps	1. Perform a distraction until focus score < 40.
Expected result	Distraction counter increments; session pauses.
Result	Distraction counter increments; session pauses.

TC 2-6 : Midnight reset	
Steps	1. Note accumulated focus at 23 : 59; wait past 00 : 00 with no running session
Expected result	Focus time resets to 00 : 00 for the new day.
Result	Focus time resets to 00 : 00 for the new day.

TC 2-7 : Calendar modal	
Steps	1. Click on the Focus Button.
Expected result	Focus Log modal opens, showing daily totals for the current month.
Result	Focus Log modal opens, showing daily totals for the current month.

TC 2-8 : Month selector	
Steps	1. In the modal, choose another month.
Expected result	Calendar refreshes to display that month's data.
Result	Calendar refreshes to display that month's data.

Distraction Log (Feature 3)

TC 3-1 : Default order	
Steps	1. Open the log via its button
Expected result	Rows ordered newest → oldest.
Result	Rows ordered newest → oldest.

TC 3-2 : Order switch	
Steps	1. Click the order-toggle button
Expected result	Rows reorder oldest → newest.
Result	Rows reorder oldest → newest.

TC 3-3 : Row detail view	
Steps	1. Click the first row.
Expected result	Detail view shows snapshot, timestamp, description, close-icon.
Result	Detail view shows snapshot, timestamp, description, close-icon.

TC 3-4 : Close modal	
Steps	1. Press X in log modal.
Expected result	Modal closes; user returns to Main Page.
Result	Modal closes; user returns to Main Page.

Focus Log (Feature 4)

TC 4-1 : Focus Time box appears & updates	
Steps	1. Sign in. 2. Start a 25-min focus session. 3. Observe the Focus Time value at the bottom-right.
Expected result	Focus Time appears within 1 s, shows elapsed focus in mm : ss, updating every second.

Result	Focus Time appears within 1 s, shows elapsed focus in mm : ss, updating every second.

TC 4-2 : Accumulation across sessions	
Steps	1. Complete two 25-min focus sessions in one day.
Expected result	Focus Time total equals 50 min 00 s.
Result	Focus Time total equals 50 min 00 s.

TC 4-3 : Midnight auto-reset (idle)	
Steps	1. Ensure no timer is running at 23 : 59; wait until 00 : 01.
Expected result	Focus Time resets to 00 : 00 exactly at midnight.
Result	Focus Time resets to 00 : 00 exactly at midnight.

TC 4-4 : Midnight auto-reset (active)	
Steps	1. Start focus at 23 : 45; let it run past 00 : 00; end at 00 : 10.
Expected result	Focus Time shows carried-over minutes until session ends, then resets to 00 : 00.
Result	Focus Time shows carried-over minutes until session ends, then resets to 00 : 00.

TC 4-5 : Open Focus Log	
Steps	1. Click on the Focus Time button.
Expected result	Modal opens with a calendar view for the current month.
Result	Modal opens with a calendar view for the current month.

TC 4-6 : Month selector	
Steps	1. Use arrows / dropdown to move to previous month.
Expected result	Grid refreshes; header updates to selected month/year.
Result	Grid refreshes; header updates to selected month/year.

TC 4-7 : Daily total accuracy	
Steps	1. Pick a date known to hold two 25-min sessions (50 min).
Expected result	Cell shows 50 min.
Result	Cell shows 50 min.

TC 4-8 : Close modal	
Steps	1. Click X in the modal's corner.
Expected result	Modal closes; Focus Time button remains visible on Main Page.
Result	Modal closes; Focus Time button remains visible on Main Page.

My Account (Feature 5)

TC 5-1 : Name-field editability	
Steps	1. Open My Account; edit name.
Expected result	Text is editable, capped at 30 chars.
Result	Text is editable, capped at 30 chars.

TC 5-2 : Continue saves	
Steps	1. Change name; press Continue.
Expected result	Changes save; modal closes; Main Page shows updated name.
Result	Changes save; modal closes; Main Page shows updated name.

TC 5-3 : Cancel discards	
Steps	1. Modify name; press Cancel.
Expected result	Changes are discarded; modal closes.
Result	Changes are discarded; modal closes.

TC 5-4 : Sign-out	
Steps	1. Click Sign Out.
Expected result	User is logged out and sent to Login page.
Result	User is logged out and sent to Login page.