**Test Case Description:**

This test case verifies the basic functionality and quality of the water bottle, ensuring it holds liquid properly, is durable, leak-proof, and usable under normal conditions.

**Preconditions:**

* Water bottle should be clean and empty.
* Test environment should be at room temperature (around 20°C or 68°F).
* Ensure the water bottle is made of the expected materials (plastic, metal, etc.) and has all necessary components (lid, cap, body, etc.).

**Test Steps and Expected Results:**

**Test Step 1: Visual Inspection**

* **Action:** Inspect the water bottle for defects, cracks, scratches, and overall finish. Check that the cap or lid fits securely onto the bottle.
* **Expected Result:** The bottle should have no cracks, chips, or scratches. The cap or lid should fit snugly without any gaps.

**Test Step 2: Leak Test**

* **Action:** Fill the water bottle with water up to its recommended capacity (usually marked on the bottle). Secure the cap tightly and turn the bottle upside down.
* **Expected Result:** No water should leak from the bottle or the cap.

**Test Step 3: Pouring Test**

* **Action:** Open the water bottle and pour the water into a glass. Check the ease of pouring.
* **Expected Result:** The bottle should pour without drips or spills. The neck of the bottle should allow smooth pouring.

**Test Step 4: Durability Test (Drop Test)**

* **Action:** Drop the water bottle from a height of approximately 3 feet (1 meter) onto a hard surface (tile, concrete, etc.).
* **Expected Result:** The bottle should remain intact without significant cracks or dents. The cap should stay on securely.

**Test Step 5: Temperature Test**

* **Action:** Fill the water bottle with hot water (around 70-80°C) and cold water (around 4°C). Close the bottle securely and check for any temperature transfer to the outside of the bottle.
* **Expected Result:** If the bottle is insulated, it should not transfer significant heat or cold to the outer surface. If not insulated, the outer surface may become hot or cold to the touch, but the bottle should still be functional.

**Test Step 6: Usability Test (Carrying & Handling)**

* **Action:** Hold the bottle by the handle (if applicable) and by the body. Shake the bottle gently and check if it is comfortable to carry and easy to handle.
* **Expected Result:** The handle should be comfortable to hold, and the body should not slip from your grip.

**Test Step 7: Ease of Cleaning**

* **Action:** Wash the water bottle with mild soap and water. Check the ease of cleaning, especially around the lid, spout, and any other hard-to-reach areas.
* **Expected Result:** The bottle should be easy to clean, and no soap residue should be left behind. Any detachable components (like the lid) should also be easy to wash.

**Test Step 8: Cap Tightness Test**

* **Action:** Close the bottle securely and attempt to open it. Check how tightly the cap is sealed and if it is easy to open without excessive force.
* **Expected Result:** The cap should not be too difficult to open. It should provide a good seal to prevent leaks but remain easy for users to open.

**Test Step 9: Odor Test**

* **Action:** After filling the bottle with water, leave it sealed for a few hours. Open the bottle and smell it.
* **Expected Result:** The bottle should not have any strong odors or aftertaste, especially if it’s made of plastic or metal.