

TC-UC-01

Purpose: Verify a known-interaction is detected with high confidence

Precondition: Checker is running; model loaded

Test Steps:

1. Enter “warfarin” in First drug field.
2. Enter “aspamin” in Second drug field.
3. Click Check Interaction.
4. When prompted “Are these inputs correct?”, click “Yes.”

Expected Result:

- The Confidence label reads ≥ 0.6 (e.g. “Confidence: 0.85”)
- The result reads “Potential interaction detected!”

TC-UC-02

Purpose: Verify a no-interaction result with high confidence

Precondition: Checker is running; model loaded

Test Steps:

1. Enter “acetaminophen” in First drug field.
2. Enter “ibuprofen” in Second drug field.
3. Click Check Interaction.
4. Confirm inputs by clicking “Yes.”

Expected Result:

- The Confidence label reads ≥ 0.6 (e.g. “Confidence: 0.75”)
- The result reads “No known interaction detected.”

TC-UC-03

Purpose: Verify unfamiliar-combination warning when confidence is low

Precondition: Checker is running; model loaded

Test Steps:

1. Enter “foo” in First drug field.
2. Enter “bar” in Second drug field.
3. Click Check Interaction.
4. Confirm inputs by clicking “Yes.”

Expected Result:

- The Confidence label reads < 0.6 (e.g. “Confidence: 0.45”)
- The result reads “This combination is unfamiliar. Please verify with a professional.”