Weather Now – Validation Testing Report

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SDEV

1. Test Data Used

Valid Input Tests

Fort Wayne — Current weather displayed — Success

Chicago — Displays correct weather — Success

90210 — Weather in Beverly Hills shown — Success

Forecast checkbox + Dallas — Opens forecast window — Success

Manual input: Sunny + comment — Feedback saved — Success

Invalid Input Tests

invalidcity123 — Error message — Handled

(Blank input) — Warning to enter a city — Handled

Manual input: No weather selected — Warning message — Handled

Manual input: No comment — Warning message — Handled

**2. Issues Found and Fixes Made**

Issue: Blank city input caused no response.

Fix: Added input check to prevent API call when the field is empty.

Issue: Invalid city names returned unclear API errors.

Fix: Implemented response code check to display specific error messages.

Issue: Manual input form accepted incomplete submissions..

3. Validation Screenshots

1. Current weather displayed at input

A screenshot of a weather forecast

Description automatically generated

1. Displays 5-day forecast when checked

A screenshot of a weather forecast

Description automatically generated

1. Validates input on feed back window

A screenshot of a computer

Description automatically generated

1. Throws error if the city is not valid

A screenshot of a computer screen

Description automatically generated

1. Error thrown when no input is typed or mark checked in when inputting feedback
2. A screenshot of a computer

   Description automatically generated