

Validate app inputs

Reject invalid requests in the interface and database.

THE FINISHED RESULT

Invalid values are rejected even when the interface is bypassed; valid requests still save correctly.

Before you start

Environment: React + JavaScript + Supabase for the connected path; plain JavaScript local demo

Access and plan: The supplied local demo needs only a browser. The connected path requires Node, a React project, a Supabase development project and approved test accounts.

Practice project: Harbor request board

Use a separate demo project and fictional information. Record the exact project and version you use. Keep passwords, verification codes and private customer information out of screenshots and notes.

Official walkthroughs

[MDN: Web forms](#)

[Supabase: Row Level Security](#)

Open the credited publisher walkthrough for current interface instructions and available screenshots, then return to the SETLY exercise. External courses remain with their publishers; this PDF does not reproduce their complete tutorial.

Your practice task

Finish one action at a time. Inspect the resulting screen or record before moving on. If a control differs, check the matching official instructions instead of guessing.

01 / Step 1

Define limits for title length, allowed service values and status transitions. Write three valid and three invalid examples first.

Check: record what changed and confirm you are still working in the intended demo project.

02 / Step 2

Add client validation with errors beside the relevant fields and a summary where useful. Preserve input when correcting an error.

Check: record what changed and confirm you are still working in the intended demo project.

03 / Step 3

Enforce the same essential constraints on the backend or database. Test a direct request that bypasses the browser's validation.

Check: record what changed and confirm you are still working in the intended demo project.

04 / Step 4

Check blank spaces, very long text, unexpected status values and rapid resubmission. Keep displayed user text escaped rather than interpreting it as HTML.

Check: record what changed and confirm you are still working in the intended demo project.

Required fields and constrained status values

Captured from the supplied working example. The request board uses local browser storage; this is not evidence of a connected database or authentication.

Harbor / Request board

[Learning library ↗](#)

SETLY / INTERFACE PRACTICE

Your requests,
in one place.

Add request

Local learning demo: data stays in this browser. This is not a shared database or authenticated application. Use fictional information only.

Edit request

Request title

Kitchen consultation

Service

Routine clean

Status

In progress

Save request

Cancel

Kitchen consultation

Routine clean

New

Edit

Delete

Source: Ray / SETLY. Original SETLY demo screenshot.

<https://ray.setlyglobal.com/examples/request-board/>

Test, troubleshoot, repeat.

If something goes wrong

If the browser rejects data but the API accepts it, the backend constraints are incomplete.

If your screen is different

Compare the product, editor, user permissions and selected account with the guide. Open the official reference for your version. Do not perform a live change whose effect you cannot verify.

Final verification

Invalid values are rejected even when the interface is bypassed; valid requests still save correctly.

Repeat the task with one small variation. Record the test date, project/version, expected result, observed result and a non-sensitive evidence reference. Mark skipped checks as untested.

Your evidence record

Test date: _____ Project/version: _____

Observed result: _____

Evidence reference: _____

Remaining issue and next action: _____

Sources and guide status

Original exercise by Ray / SETLY. Credited technical references are linked on page one. Prepared 1 October 2026. SETLY screen recording and independent learner reproduction are not yet complete. No platform affiliation is implied.

[Open the online practice guide and editable checklist](#)