CHECKLANE / BUYER PREVIEW

Manual QA, kept together.

Requirements · reusable cases · human-recorded runs · portable local evidence

A compact, source-included desktop app for one person who wants a repeatable place to organize expected behavior, perform checks manually, and keep a readable record of what was observed.

Manual by design

Checklane stores what a person records. It does not launch tests, run test code, schedule checks, or decide whether a product is ready.

THE WORKFLOW, IN THREE PARTS

01 · Define

Create requirements and reusable cases with ordered actions, expected observations, priority, and requirement links.

02 · Record

Start a run from a fixed catalog snapshot; enter a manual status, notes, and an optional actual outcome.

03 · Review

Inspect coverage and run changes; export a self-contained report or an evidence ZIP.

A GOOD FIT FOR

Solo QA work

A freelancer, consultant, or small-product operator who wants a local manual test record and requirement links.

Local workflow

Someone who prefers a single-user workspace on their own computer and can run a Python app locally.

Built around requirements, cases, human-run evidence, and local portability—not a generic issue tracker or a hosted test platform.

02 / ILLUSTRATIVE WALKTHROUGH

A manual run, step by step

The included Orchid Cart scenario is fictional. The example below explains the record flow; it is not a customer result or a claim that tests were executed by the app.

START WITH A TRACEABLE EXPECTATION

REQUIREMENT	LINKED CASE
REQ-PAYMENT Payment confirmation	TC-PAY-02 Successful card payment confirmation

A PRACTICAL HUMAN WORKFLOW

01

Choose a requirement and case

The fictional payment requirement is linked to the case. The case specifies actions such as entering valid demo payment details and submitting an order, with expected observations and an overall expected outcome.

02

Create a run snapshot

Starting a run copies the current requirements and cases into that run. Later catalog edits do not rewrite the captured case or requirement text.

03

Perform the check yourself

Follow the listed steps in the product under test. Checklane does not connect to, control, or execute the product being tested.

04

Record the observation

For the case, choose not-run, pass, fail, blocked, or skipped. Add notes and, if useful, the actual outcome; save the result. A defect record can be linked to a failed case.

05

Review what is covered

Inspect the run's linked requirement coverage and any recorded statuses. A linked case counts as run coverage for pass, fail, or blocked; not-run and skipped do not count.

What a result means

A status and note are a human's record of an observation against an expected outcome. They are not an independent verification, a product-quality verdict, or a guarantee that a release is correct.

The sample records are fictional Orchid Cart content. Use your own test environment and independently review important decisions.

03 / TRACEABILITY & PORTABILITY

From requirement to evidence

Checklane keeps the path readable: a requirement links to reusable cases; a run preserves the versions it started with; a person records outcomes; local exports carry the run record forward.

REQUIREMENT	CASE	RUN RECORD
Stable project ID `REQ-PAYMENT`	Linked case ID `TC-PAY-02`	Snapshot + status, notes, actual outcome

RUN-TO-RUN REVIEW

Compare two runs from the same project by stable case ID. The comparison shows shared cases whose status changed, counts for the compared run, and case IDs present only on one side. It does not claim that a status change proves the underlying product has improved or regressed.

PORTABLE RUN EVIDENCE

Readable report

A self-contained HTML report includes run identification, status counts, case results and notes, requirement traceability, and linked defects.

Evidence ZIP

Contains `run.json` (run snapshot and recorded data), `report.html`, and `SHA256SUMS.json` (hashes for the included run JSON and report).

CASE CSV & WORKSPACE BACKUP

Case exchange

The documented CSV columns are id, title, priority, steps_json, expected, and requirement_ids. A template is available. Import validates the batch before writing; export guards formula-leading headers and cells.

Workspace portability

Download a local backup ZIP or restore a validated one. Restore checks the archive and database and saves a uniquely named pre-restore safety copy. Keep an independent backup too.

Handle exported data with care

Reports and evidence archives can contain sensitive project content. They are ordinary local files and are not represented as tamper-proof records or certified audit evidence.

04 / SETUP, SCOPE & BUYER NOTES

A small local app, honestly described

Checklane is delivered as source code. It uses a local database and a browser interface; it is not an installer-based or hosted service.

GETTING STARTED

1	Extract `Checklane-v1.0.0` and open a terminal in the source folder.
2	Run `python3 app.py`.
3	Open `http://127.0.0.1:8765` in a desktop browser. The server binds to loopback.
4	Optional: in an empty workspace, run `python3 app.py --demo-data` to seed fictional Orchid Cart data. Stop the server with `Ctrl+C`.

Requirements

Python 3.10 or newer and a desktop browser. Python standard library + SQLite; no third-party Python packages and no installer. Default local data folder: `~/.checklane`. Use `python3 app.py --help` for optional port and data-folder settings.

BOUNDARIES TO KNOW

Local & single-user

No accounts, cloud sync, network collaboration, or multi-user service. The HTTP server binds to 127.0.0.1.

Manual, not automated

A person records results. No test execution, scheduling, API/CI integration, AI, or external issue-tracker integration.

Not a certified audit

No legal, compliance, certification, financial, performance, sales, or audit guarantees. Coverage and reports describe entered records.

Platform qualification

Read the included TESTED-SCOPE.md for release verification. Native Windows and macOS installations were not tested. Python and browser requirements alone do not establish cross-platform support.

License summary

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