# UGS Infinite Runner — Kanban (GitHub Pages + localStorage Only)

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## Scope

- This guide covers \*\*only\*\* the standalone GitHub Pages board (single-file HTML) with `localStorage` persistence.

- Canvas/editor variants are out of scope.

## Manual Updates (on GitHub Pages)

1. \*\*Change Status/Owner\*\*

Open your Pages URL. Use the dropdowns on each card. Changes auto-save to `localStorage` on that device/browser.

2. \*\*Filter & Search\*\*

Priority (P0/P1/P2/All), Owner (Backend/Client/Data/QA/Ops), and search box to narrow results.

3. \*\*Backup / Migrate\*\*

\*\*Export\*\* → downloads `kanban\_tasks.json` (your current board state).

\*\*Import\*\* → select a prior JSON to restore.

4. \*\*Bulk Edit Tasks via JSON\*\*

\*\*Export\*\* → edit the JSON in a text editor (IDs are unique).

\*\*Import\*\* the updated JSON.

\*\*Task object shape:\*\*

`id` (string), `title` (string), `desc` (string), `owner` ∈ {Backend, Client, Data/QA, Ops}, `priority` ∈ {P0,P1,P2}, `status` ∈ {To Do, In Progress, Blocked, Done}

5. \*\*Update the App Itself (`index.html`)\*\*

Clone/pull your repo, edit `index.html`, commit/push to `main`. GitHub Pages redeploys automatically.

## Common Ops

- \*\*Reset to seed tasks:\*\* click \*\*Reset\*\* (if present) or re-upload a clean `index.html`.

- \*\*Move to a new repo/domain:\*\* \*\*Export\*\* JSON first; `localStorage` does \*\*not\*\* transfer across domains.

## Validation Tips

- After bulk edits, scan columns for obvious misplacements.

- Keep IDs stable; changing an ID creates a new task.

- If import fails: validate JSON syntax and required fields.

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## Prompts (for ChatGPT/Copilot)

### A) “Kanban Sync” (modify task states via JSON roundtrip)

Use when you want help editing your board’s task list. Paste your exported JSON and the desired changes; get back a corrected JSON to \*\*Import\*\*.

\*\*Prompt\*\*

```

You are updating a GitHub Pages single-file Kanban for the UGS Infinite Runner project. The board persists to localStorage and supports Export/Import of a tasks JSON array.

Task:

- Apply the following changes by task ID (status/owner/priority/title/desc).

- If an ID doesn’t exist, append a new task object.

- Validate fields: owner ∈ {Backend, Client, Data/QA, Ops}; status ∈ {To Do, In Progress, Blocked, Done}; priority ∈ {P0,P1,P2}. If invalid, correct and report.

- Return ONLY the full, updated JSON array (no extra text).

Input:

1) Current tasks (paste JSON array here).

2) Requested changes (bullets).

Output:

- The updated JSON array to save as kanban\_tasks.json and Import back into the board.

```

### B) “Structural Change Spec” (ask for code edits to `index.html`)

Use when you want to change the app (new owners/statuses, new fields, etc.). You’ll receive a small diff/code block to paste into `index.html`.

\*\*Prompt\*\*

```

I’m hosting a single-file Kanban on GitHub Pages with localStorage persistence. Propose minimal code changes to index.html to implement:

- <List your structural changes: e.g., add Owner “Design”, add Status “Review”, make P0 default filter, add Export/Import/Reset buttons if missing>

- Keep styling simple; do not introduce external build steps.

- Provide a concise code diff or replacement snippets and identify the exact locations (by constants or function names).

- No backend; all persistence must remain in localStorage.

```