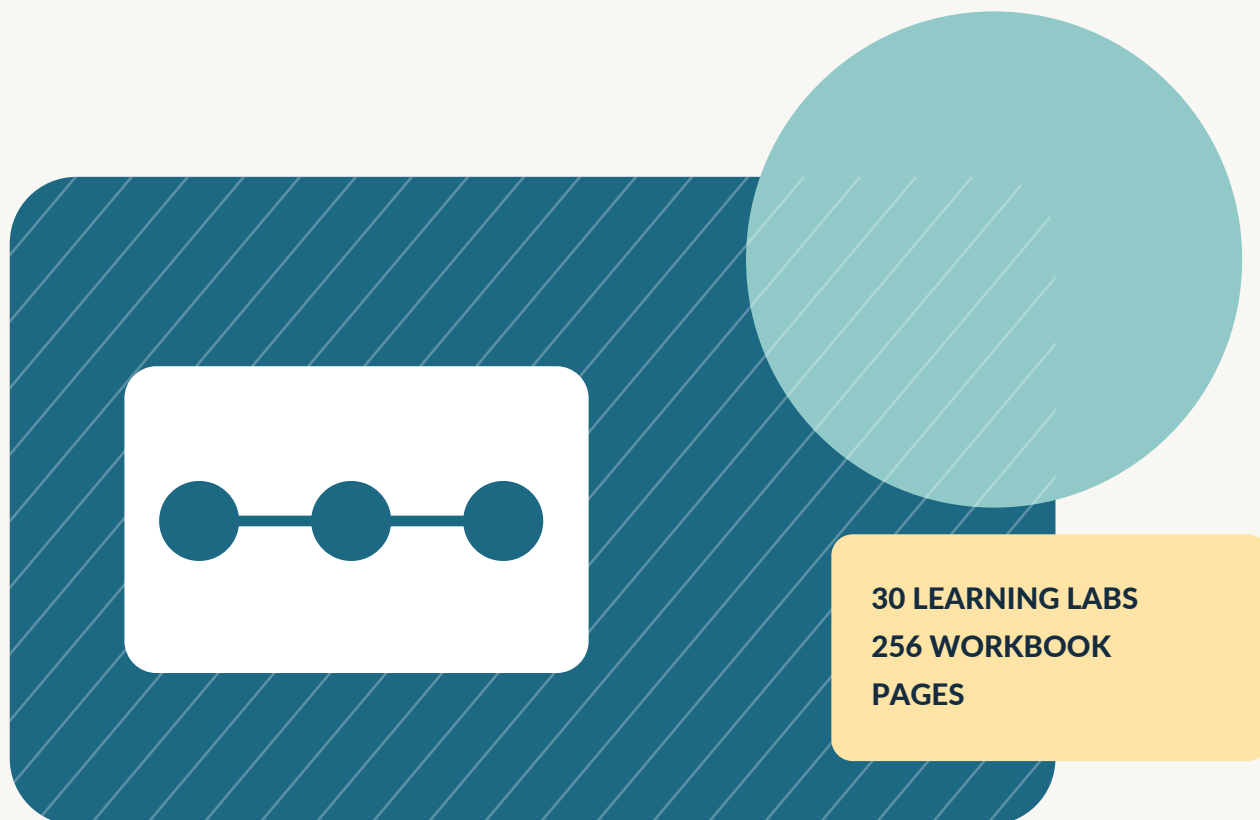


Front-End Project Lab

Plan, build and review small browser-based projects.



Theo Mercer

Fictional editorial pen name • Original learning workbook

Guided explanations, examples, exercises and writing space

READ BEFORE USING

A practical workbook, honestly described.

Front-End Project Lab uses the fictional editorial pen name Theo Mercer. That name does not represent a verified professional identity, biography, qualification or affiliation.

This is original, AI-assisted educational starter material. It contains guided practice pages, fictional scenarios, planning tools, self-review rubrics and writing space. It is not a 256-page continuous-prose textbook, an accredited course, a professional certification or individual advice.

The examples are invented for practice. Organisations, clients, outcomes and figures in exercises are fictional. Do not use them as customer testimonials or as evidence of commercial results.

You may complete the exercises for your own learning or authorised internal training. A store owner should review and approve the content, product description and local terms before selling it. Do not imply endorsement by any named platform or software provider.

For exercises involving personal or organisational information, work with fictional or authorised material. Keep passwords, card details, sensitive records and confidential information out of shared worksheets.

This workbook does not promise employment, earnings, business growth or any particular result. Professional decisions require appropriate review for your own circumstances.

HOW TO USE THIS BOOK

One useful lab at a time.

Choose your context

New web learners who want guided project briefs and space to plan and test their own pages.

Use a real, bounded project

Pick a small task you can describe without disclosing confidential information. You can instead use the fictional studio examples in the labs.

Work through eight moves

Each lab includes a concept brief, a worked example, a mapping page, a decision table, a constraint scenario, a project draft, a self-review and a next-step plan.

Treat writing space as working space

The pages intentionally leave room for sketches, drafts and corrections. Record why you made a choice, not just the choice itself.

Check before you apply

Separate what you observed from what you assumed. Test a small revision and ask a suitable reviewer about high-impact decisions.

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LAB 01 / DEFINE THE PAGE

Project question

Purpose

Use this lab to make project question visible rather than leaving it as a vague intention. The output is a one-page project question. Aim for a draft you can explain and revise, not a polished document with missing assumptions.

Connect it to your route

This task belongs to define the page. Review your notes on project question and decide which inputs are relevant. Do not copy every earlier detail; carry forward only information that supports the current decision.

A practical method

First, name the person who will use the result. Then record the question, the inputs you have and the information still missing. Draft the smallest useful version. Compare it with the intended outcome and ask what could be misunderstood.

Observation versus assumption

Label a statement as observed, supplied, estimated or still unknown. An attractive layout does not make an unsupported claim more reliable. Keep an evidence note beside any decision that depends on a fact.

Ready for review when

A reader can identify the purpose, your chosen approach and one next action. Keep unresolved questions visible so the next lab, user task, starts from an honest record.

Your focus

Write one sentence describing what this lab should help you decide.

LAB 01 / WORKED EXAMPLE

A draft you can question.

The fictional example follows a small studio preparing a one-page project question for a small project. They have one working session and need something another person can understand without a long explanation.

Initial draft

“We need a better project question.” This names the area but not the user, boundary or test of success.

More useful draft

“Create a one-page project question for our next review. State the intended user, the three most important inputs, one unresolved question and the action we want the reader to take.”

Review note

The team separates supplied information from estimates. They keep the first version small and ask a second person to explain what they think it means.

Revision decision

If the reader cannot explain the intended action, revise the order and labels before adding more detail. Carry the unresolved question into user task.

Your critique

What would you keep, change or test in this fictional example?

LAB 01 / MAP THE INPUTS

Make the starting point explicit.

Complete the fields for project question. A precise boundary is more useful than a long list of unsupported detail.

User and purpose

Who will use the result? What decision should it support?

Known inputs

What information is available? Record its source or origin.

Unknowns and assumptions

Which statements need checking before you rely on them?

Constraints

What limits the time, scope, format or level of detail?

LAB 01 / COMPARE OPTIONS

Choose with a reason.

List three possible approaches to project question. Compare them using the same criteria, then explain your choice. Leave a question open rather than filling an unknown cell with a guess.

Approach	Why it helps	Main limitation	What to check

Preferred approach

State your choice, the reason for it and the uncertainty that remains.

LAB 01 / REVIEW RUBRIC

Check the work, not just completion.

Review your project question using the questions below. Mark each one as clear, needs work or not yet checked. Write an example to justify your mark.

Purpose

Can a reader explain what this output is for?

Evidence

Are observations and assumptions visibly separated?

Usability

Is the structure clear enough for the intended reader?

Action

Is there a realistic next step and a named unresolved question?
