



COURSE SYLLABUS

Spec-Driven Development for Product Owners

Write specifications and executable acceptance criteria that AI coding agents can build from, configure GitHub issue forms and Projects to manage them, and verify delivered work in deploy previews.

\$1,000 per person

10 course hours (on-demand video and labs) plus 1 hour of coaching

On-demand asynchronous training with online support, plus 1 hour of coaching.

Spec-Driven Development for Product Owners

Write specifications and executable acceptance criteria that AI coding agents can build from, configure GitHub issue forms and Projects to manage them, and verify delivered work in deploy previews.

Credential type	Certificate, issued by We Can Code IT
Clock hours	11 (10 course hours plus 1 hour of coaching)
Price	\$1,000 per person
Time	10 course hours (on-demand video and labs) plus 1 hour of coaching
Delivery	On-demand asynchronous training with online support, plus 1 hour of coaching.
Credential	Certificate of completion from We Can Code IT
How you earn it	You earn the certificate by completing the labs and a capstone feature taken from specification to an evidence-based acceptance decision, reviewed by your coach.
Who it is for	This course is for product owners, product managers, business analysts, and entrepreneurs and founders who define what gets built by developers and AI coding agents.
Prerequisites	Experience defining features or requirements; Introduction to GitHub with AI is helpful
Requirements	Any computer with a modern browser; A free GitHub account and access to an AI coding agent that can open pull requests, such as the GitHub Copilot coding agent (paid Copilot plan, Pro or higher) or Claude Code (paid Claude plan, Pro or higher); we confirm your access before you start; A starter repository already connected to deploy previews is provided, so no hosting setup is needed; Access to an AI assistant such as Claude or ChatGPT, following your employer's data privacy rules

About this course

When AI coding agents write the code, building gets fast and the specification becomes the limit. This course teaches product owners to write specifications an agent can build from directly: a clear problem and scope, acceptance criteria in the form "when X happens, the system does Y", and a concrete check for each criterion. You configure GitHub issue forms and a Projects board to hold that work, direct an AI coding agent to build a feature, and verify the result in a deploy preview before you accept it.

What you will be able to do

- You will be able to turn a loose idea into a specification with a problem statement, scope, non-goals and acceptance criteria written as "when X happens, the system does Y".

- You will be able to attach a concrete, runnable check to every acceptance criterion so anyone can verify it.
- You will be able to configure GitHub issue forms and a Projects board with custom fields, owners and automated status for a two-sprint ready queue.
- You will be able to direct an AI coding agent to build a feature from your specification and verify the result in a deploy preview.
- You will be able to accept or reject delivered work against its acceptance checks and keep a record of what is shipped, planned or cut, backed by evidence.

Syllabus

Module	Hours
1. Why AI moved the bottleneck to the specification Agents build fast from clear input, Where vague specs fail, Measuring your own ready queue, Owners on every item. Lab: You will measure a sample board: how much work is ready to build and how much has no owner or no checks.	1 h
2. Shaping an idea into a specification Problem, users and outcome, Scope and non-goals, Using an AI assistant to interview you, Cutting to a first version. Lab: You will shape a loose idea into a one-page specification with an AI assistant.	1.5 h
3. Acceptance criteria with runnable checks "When X, the system does Y", One check per criterion, Checks that can fail, Writing checks before the build. Lab: You will write five acceptance criteria with checks, then run them against a provided, deliberately wrong build to see which ones catch it.	2 h
4. GitHub issue forms and Projects Issue forms for specifications, Projects custom fields and views, Status automations, Dates and owners on cards. Lab: You will configure an issue form and a Projects board holding two sprints of ready work.	1.5 h
5. Directing an AI coding agent Assigning an issue to an agent, Draft pull requests, Deploy previews, Reading what changed. Lab: You will assign your specification to an AI coding agent and follow its pull request to a deploy preview.	1.5 h
6. Accepting work against evidence Verifying in a deploy preview, Accepting or rejecting against the spec, Closed is not shipped, A record of shipped, planned and cut. Lab: You will verify three delivered changes against their checks, accept or reject each in writing, and audit a board against the live app.	1 h

7. Capstone

1.5 h

Specification, Acceptance checks, Ready queue, Agent build, Acceptance decision.

Lab: You will specify a real feature, have an AI coding agent build it, and accept or reject it with your coach.

Coaching sessions

1 h

1 hour of coaching. Your coach reviews your capstone with you and answers questions as you work.

Teams pool their hours into group sessions, so a team of 6 shares 6 hours of group coaching.

Live online or in-person sessions are available for an additional fee. Email admissions@wecancodeit.org for details.

Provider

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