

Build a Marketplace with AI

Execution Path

A structured route from idea to working output - the steps, outcomes, workflows, resources, and tools, in order.

Category: Software Development Steps: 10 Phases: 4
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PATH SUMMARY

10 steps across 4 phases.

Use this document as a portable execution guide. Each step lists the expected outcome and the workflow, resource, and tool used in NewPrompt.

PHASE 1 · Define & Scope

Clarify what you're building and for whom.

Step 1 · Define the two-sided requirements

Pin what both sides need - sellers listing and managing, buyers discovering and transacting - and the rules that govern their interaction. A marketplace built from one side's requirements fails the other.

OUTCOME
Requirements covering buyers, sellers, listings, and their rules.

USED IN THIS STEP
Workflow AI Product Requirements Workflow
Resource Product Requirements Assistant
Tool System Prompt Generator

PHASE 2 · Design

Design the right solution before building.

Step 2 · Model the marketplace data

Design the schema that ties users, listings, and orders together - the relationships and constraints a two-sided platform lives on - and the indexes the search and discovery queries will actually need.

OUTCOME
A data model connecting buyers, sellers, listings, and orders.

USED IN THIS STEP
Workflow AI Database Design Workflow
Resource Schema Design & ERD Prompt - Entities, Relationships, and Keys
Tool SQL Optimization Prompt

Step 3 · Design the API

Design the API surface both sides build against - listings, search, orders, messaging - as a contract before code, so the seller tools and buyer experience develop against something stable.

OUTCOME

An API contract for listings, search, and orders.

USED IN THIS STEP

Workflow AI API Design Workflow
Resource Turn a JSON Schema into a Prompt
Tool JSON Output Prompt Builder

Step 6 · Design the UI components

Design the reusable component system both sides share - listings, dashboards, search, checkout - so the seller and buyer experiences stay consistent instead of diverging into two mismatched products.

OUTCOME

A shared component system for both sides of the platform.

USED IN THIS STEP

Workflow AI UI & Component Design Workflow
Resource Design System Spec Prompt - Components, States, and Accessibility
Tool Markdown Output Builder

PHASE 3 · Build & Refine

Build, test, secure, and make it production-ready.

Step 4 · Build roles and permissions

Design the access control that keeps each side in its lane - buyer, seller, admin - so a seller can't touch another's listings and a buyer can't reach the admin panel. On a marketplace, permissions are the trust model.

OUTCOME

Roles and permissions that enforce the trust boundaries.

USED IN THIS STEP

Workflow AI Auth & Identity Workflow
Resource Security Engineer Role Prompt
Tool Role Prompt Generator

Step 5 · Wire the integrations

Connect the third parties a marketplace runs on - payments, notifications, shipping or messaging - via webhooks and events, with the retries and idempotency that keep a payment or order event from being lost or double-processed.

OUTCOME

Third-party integrations wired with reliable event handling.

USED IN THIS STEP

Workflow AI Integration & Webhook Workflow
Resource Turn a JSON Schema into a Prompt
Tool Multi-Step Prompt Builder

Step 7 · Lock behavior down with tests

A marketplace moves money and listings between strangers - build a test suite that fails for real reasons across the order, payment, and permission paths, so you can keep shipping without breaking a transaction someone depends on.

OUTCOME

Tests that catch real regressions in the money and permission paths.

USED IN THIS STEP

Workflow AI Test Generation Workflow
Resource Unit Test Prompt - Isolation Done Right
Tool Test Case Prompt Generator

Step 8 · Run a security review

A marketplace handles money, personal data, and two distrusting sides - review the auth, payment, and input paths the way an attacker would, and back the findings with tests, before real users and real transactions arrive.

OUTCOME

The money, auth, and data paths reviewed for vulnerabilities and guarded by tests.

USED IN THIS STEP

Workflow AI Security Review Workflow
Resource Security Code Review Prompt
Tool Code Review Prompt Generator

PHASE 4 · Ship & Validate

Ship with confidence and validate results.

Step 9 · Ship the marketplace

Cross from built to live - readiness checked, rollback planned, monitoring in place - because launching a platform that handles other people's money and listings is exactly where a careful release earns its keep.

OUTCOME

The marketplace shipped with a rollback path and monitoring.

USED IN THIS STEP

Workflow	AI Deployment & Release Workflow
Resource	Production Readiness Review Prompt
Tool	Markdown Output Builder

Step 10 · Validate the product with real evidence

A marketplace only works if both sides show up. Measure real liquidity - listings, matches, GMV - against the success signal you set, render a hit/partial/miss verdict, and decide whether to iterate, pivot, or scale before widening the funnel on either side.

OUTCOME

The shipped outcome measured against its success signal, with an iterate, pivot, or scale decision documented.

USED IN THIS STEP

Workflow	AI Product Validation Workflow
Resource	Product Validation Report Prompt
Tool	Markdown Output Builder

This PDF is a static export of the NewPrompt execution path. It does not include workspace progress, personal notes, saved outputs, or project state.