

Build a SaaS MVP with AI

Execution Path

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

Category: Product Build Steps: 11 Phases: 4
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PATH SUMMARY

11 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 what you're actually building

Before any code, turn the idea into written requirements - what the product must do, for whom, with acceptance criteria - so the whole team builds the same thing.

OUTCOME

A requirements document the build can start from.

USED IN THIS STEP

- Workflow** AI Product Requirements Workflow
- Resource** Product Requirements Assistant
- Tool** System Prompt Generator

Step 2 · Cut it to an MVP

Requirements describe the whole product; an MVP ships a slice. Separate the one core value the first release must prove from everything that can wait.

OUTCOME

A first-release scope small enough to actually ship, with a success signal.

USED IN THIS STEP

- Workflow** AI MVP Planning Workflow
- Resource** Startup Advisor Role Prompt
- Tool** Role Prompt Generator

PHASE 2 · Design

Design the right solution before building.

Step 3 · Design the architecture

Decide how you'll build the scoped MVP - boundaries, data flow, the trade-offs that are expensive to reverse - and write the decisions down before the first line of code.

OUTCOME

An architecture decided on its trade-offs and documented.

USED IN THIS STEP

Workflow AI Project Architecture Workflow

Resource Software Architect Role Prompt

Tool Role Prompt Generator

Step 4 · Design the API contract

Pin the surface the product is built on - resources, endpoints, payloads, validation, versioning - as a contract before code makes it permanent, so the frontend and backend develop against something stable.

OUTCOME

An API contract the build develops against.

USED IN THIS STEP

Workflow AI API Design Workflow

Resource Turn a JSON Schema into a Prompt

Tool JSON Output Prompt Builder

Step 5 · Design the data model

Model the entities, relationships, and constraints the MVP runs on, and plan the indexes the real queries need - the schema is the hardest thing to change later, so design it on its data before launch.

OUTCOME

A schema designed on its entities, constraints, and queries.

USED IN THIS STEP

Workflow AI Database Design Workflow

Resource Schema Design & ERD Prompt - Entities, Relationships, and Keys

Tool SQL Optimization Prompt

PHASE 3 · Build & Refine

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

Step 6 · Review the code as you build

As features land, review them against your conventions with severity-ranked findings - so the MVP's codebase doesn't accumulate the debt that makes v2 miserable.

OUTCOME

Changes reviewed for correctness and design before they merge.

USED IN THIS STEP

Workflow	AI Code Review Workflow
Resource	Code Review Prompt - the Review Contract
Tool	Code Review Prompt Generator

Step 7 · Lock behavior down with tests

Build a test suite that fails for real reasons across unit, integration, and edge cases - so you can keep shipping fast without breaking what already works.

OUTCOME

Tests that catch real regressions, not green decoration.

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 pass before launch

An MVP is still on the internet. Review the auth and input paths the way an attacker would, and back the findings with tests, before real users (and real data) arrive.

OUTCOME

The exposed 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

Step 9 · Keep the AI feature costs in check

If the SaaS uses AI, the token bill scales with usage. Measure the cost per call, trim the waste, and re-measure - so a feature that's cheap in testing doesn't break the unit economics at scale.

OUTCOME

AI feature costs measured and trimmed before they hit production volume.

USED IN THIS STEP

Workflow AI Cost Optimization Workflow

Resource Estimate Cost per 1,000 Calls

Tool Token Counter

PHASE 4 · Ship & Validate

Ship with confidence and validate results.

Step 10 · Ship the first release

Cross the gap from 'works on my branch' to 'live for users' - assess release readiness, plan the deploy and its rollback, and set up monitoring - so the MVP actually ships, deliberately, instead of stalling at done-but-not-deployed.

OUTCOME

The MVP deployed 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 11 · Validate it against its success signal

Shipping isn't the finish line - find out whether the MVP did what it was for. Measure real usage and feedback against the success signal you set when you cut the scope, render a hit/partial/miss verdict, and decide whether to iterate, pivot, or scale before pouring more in.

OUTCOME

A validation verdict on the shipped MVP and an iterate / pivot / scale decision.

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.