

# AI Interior Image Iteration Tool

Prepared for Design SI / Rouben Mohiuddin · June 15, 2026

Fixed pilot fee

**\$5,000**

Initial internal iteration

This pilot skips the moodboard workflow. Design SI provides room references, furniture references, and desired design direction. The build focuses on the internal iteration loop: choose a room, edit it with prompts, apply reference-image changes, and review tracked results inside a private web app.

## Included Features

- Pick one room/reference image and continue iterating from it.
- Prompt-based image edits for room-level changes.
- Reference-image edits: furniture swap, art/photo swap, decor placement.
- Simple internal web app for uploading, generating, and reviewing outputs.
- Basic login and admin access.
- Usage tracking for generations/edits by user or session.
- Private deployment.
- Two rounds of polish after the first working version.

## Scope Boundaries

- No client-facing portal in this phase.
- No moodboard builder or automated style-board generation.
- No billing system, complex team roles, or mobile app.
- No custom model training.
- API usage is capped for the pilot; overages are pass-through.
- Major workflow changes after approval are scoped separately.

## Rough Hours Split

WORKSTREAM	WHAT IT COVERS	HOURS
Product setup	Workflow definition, constraints, success criteria, file/input rules.	5
UX / interface	Internal screens for upload, room selection, edit prompts, and result review.	9
Frontend build	Responsive app shell, upload/review UI, iteration history, admin views.	15
Backend + auth	Basic login, admin access, session/project storage, protected routes.	13
Reve Image API integration	Generation/edit calls, reference-image handling, retries, result storage.	16
Usage tracking	Generation counts, edit counts, lightweight admin usage reporting.	5
QA + prompt tuning	Interior-design test cases, failure handling, prompt templates, edge cases.	12
Deployment + handoff	Private deployment, environment setup, basic operating notes.	5
Two polish rounds	Small interface refinements and workflow fixes after hands-on testing.	10
<b>Estimated total</b>		<b>90 hrs</b>

Commercial terms are subject to final scope confirmation. This estimate is intended for an internal pilot, not a production client-facing software platform.

## Expense Breakdown

CATEGORY	ESTIMATE	AMOUNT
Product design + engineering labor	90 hours blended across planning, design, frontend, backend, API, QA, deployment.	\$4,750
Initial API / testing allowance	Reve Image API test credits for pilot development and handoff testing.	\$150
Hosting / storage allowance	Private deployment, image storage, logs, and basic usage tracking overhead.	\$100

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**\$5,000**

#### Reve Image 2.0 API Assumptions

Public Reve API pricing currently shows a credit model: the minimum purchase is \$10 for 7,500 credits. The pricing page also lists \$1,000 as 750,000 credits / 150,000 images, implying approximately 5 credits per image and roughly \$0.0067 per image at that rate.

Source: Reve API pricing page, accessed June 15, 2026:  
<https://api.reve.com/console/pricing>

#### Pilot Usage Policy

- The \$5,000 pilot includes a \$150 API/hosting/testing allowance.
- At the public credit estimate, \$150 is materially more than enough for internal pilot testing.
- Any unusual volume, batch generation, or production client usage is pass-through at cost.
- If Reve changes pricing, the live provider pricing controls future usage costs.

## Suggested Timeline

PHASE	DELIVERABLE	TIMING
Week 1	Workflow lock, private app shell, auth, upload/review UI.	3-5 days
Week 2	Reve API integration, reference-image edit flows, usage tracking.	4-6 days
Week 3	Prompt tuning, QA, private deployment, two polish rounds.	3-5 days

## Future Phase, If Pilot Works

A fuller client-facing product can be scoped separately after internal validation. Likely additions include saved client projects, polished galleries, edit history, stronger permissions, branding, export/share links, and client presentation workflows.

Accepted by Design SI

Date

Prepared as a practical pilot estimate. Final implementation details depend on Design SI's provided room references, furniture/art/decor references, and desired internal workflow.