Listing Lift by Retreat Vacation Rentals

Comprehensive Specification Document

Version: 2.1
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Status: Updated - Room Sub-Categories & Accuracy Requirements
Prepared for: Daniel, Retreat Vacation Rentals
Admin Contact: dan@retreatvr.ca

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1. Executive Summary

Listing Lift by Retreat Vacation Rentals (or "Listing Lift by RVR") is an AI-powered web application designed to help Partner+ clients transform their amateur property photos into near-professional quality images optimized for Airbnb and VRBO listings.

Core Features

The app features a simple, no-login-required submission form where homeowners upload photos organized by room type (Kitchen, Bedroom, Living Spaces, Bathroom, Pool/Hot Tub, Exterior). Some categories include sub-categories for more targeted enhancement:
- **Living Spaces**: Living Room, Dining Room / Dining Area
- **Exterior**: Building Exterior, Lawn / Backyard, Miscellaneous

Photos are batch-processed using Abacus AI's image generation APIs with **strict accuracy requirements** to ensure enhanced photos accurately represent the actual property. An admin dashboard enables Daniel to:

- Review original vs. enhanced photos side-by-side

- Control enhancement settings **per photo** (intensity levels, specific toggles like sky replacement and bed fixing)
- Approve, reject, or request re-upload for **individual photos** with select-all options per room
- Select hero photos (UI badge only—not embedded in the actual photo file)
- Mark photos for "detail shot" close-up enhancement with custom notes
- Communicate with homeowners via automated email notifications

Technical Stack

- **Database:** Built-in PostgreSQL (managed by Abacus AI)
- **Email System:** Built-in Abacus AI notification system (no external API needed)
- **Image Enhancement:** RouteLLM API with FLUX.2 [Pro] or GPT Image 1.5 (configurable in admin settings)
- **File Storage:** Organized structure with /originals/, /enhanced/, and /hero/ folders

Brand Identity

- **App Name:** Listing Lift by Retreat Vacation Rentals
- **Brand Color:** #383D31 (dark forest green)
- **Logo:** Listing Lift Logo - House/Cabin Inside Camera Aperture
- **URL:** https://cdn.abacus.ai/images/b56cb40b-af3f-4aa4-b8b3-d0c4f9bd4d8c.png
- **Local Path:** `/home/ubuntu/listing_lift_logos/listing_lift_logo_final.png`
- **Description:** Camera aperture spiral with a house/cabin silhouette inside, representing vacation rental photography enhancement
- **Colors:** Dark forest green (#383D31) on cream/off-white background
- **Usage:** App header, favicon, and all branding elements
- **Note:** Logo works well at small sizes for app icons
- **Value Proposition:** "Submit and forget—we handle everything and implement photos directly into your listing"

Listing Lift

2. User Personas

2.1 Homeowner Persona

Attribute	Details
Name	Sarah Mitchell
Role	Partner+ Client / Property Owner
Age Range	35-65
Technical Proficiency	Low to Medium
Primary Device	Smartphone (iPhone/Android)
Goals	Get professional-looking photos without hiring a photographer; increase bookings and revenue
Pain Points	Photos look amateur; doesn't know photography techniques; limited time; doesn't want to learn complex software
Behavior	Takes photos on phone; wants quick, simple process; expects guidance on what makes good photos
Success Criteria	Enhanced photos that look professional; easy upload process; clear instructions

2.2 Admin Persona

Attribute	Details
Name	Daniel
Role	Retreat Vacation Rentals Administrator
Email	dan@retreatvr.ca
Technical Proficiency	Medium to High
Primary Device	Desktop/Laptop
Goals	Efficiently process submissions; ensure quality output; maintain brand standards; help clients succeed
Pain Points	Manual photo editing is time-consuming; inconsistent quality from homeowners; need to track multiple submissions
Behavior	Reviews submissions daily; needs batch operations; wants fine-grained control over enhancement settings per photo
Success Criteria	Streamlined workflow; ability to adjust and re-run enhancements per photo; easy communication with homeowners

3. User Flows

3.1 Homeowner Submission Flow

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│ │                HOMEOWNER SUBMISSION FLOW                 │ │
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Step 1: LANDING PAGE
▤ Homeowner arrives at submission URL
▤ Sees Listing Lift / Retreat Vacation Rentals branding (#383D31)
▤ Reads brief overview of the service
▤ Clicks "Start Submission" button

Step 2: CONTACT INFORMATION
▤ Enters Name (required)
▤ Enters Email (required)
▤ Enters Phone Number (required)
▤ Enters Property Address (required)
▤ Enters Notes (optional - **for** any special requests **or** information)
▤ Clicks "Continue to Photos"

Step 3: GENERAL PHOTOGRAPHY TIPS
▤ Views "Pro Basics" photography guidance
▤ Learns about the 5-Photo Rule (diverse highlight reel)
▤ Reviews what AI can vs. cannot fix
▤ Understands lighting **and** timing recommendations
▤ Clicks "Begin Uploading Photos"

Step 4: PHOTO UPLOAD - KITCHEN
▤ Sees embedded tutorial video (YouTube)
▤ Reads room-specific tips (collapsible)
▤ Uploads 4-8 kitchen photos
▤ Can drag-**and**-drop **or** tap to select from phone gallery
▤ Portrait photos show gentle notice (landscape recommended)
▤ Clicks "Next: Bedroom"

Step 5: PHOTO UPLOAD - BEDROOM
▤ Sees bedroom tutorial video **and** tips
▤ Uploads 4-8 bedroom photos (per bedroom)
▤ Option to add additional bedrooms
▤ Clicks "Next: Living Room"

Step 6: PHOTO UPLOAD - LIVING SPACES
▤ Sees living room tutorial video **and** tips
▤ Uploads 4-8 photos across two sub-categories:
    ▤ Living Room: Main living area, foyer, home theater, game room
    ▤ Dining Room / Dining Area: Formal dining, breakfast nook
▤ User selects sub-category **for** each photo (appropriate prompt applied)
▤ Clicks "Next: Bathroom"

Step 7: PHOTO UPLOAD - BATHROOM
▤ Sees bathroom tutorial video **and** tips
▤ Note: Laundry Room photos can be uploaded here
▤ Uploads 4-8 bathroom photos (per bathroom)
▤ Option to add additional bathrooms
▤ Clicks "Next: Pool/Hot Tub"

Step 8: PHOTO UPLOAD - POOL/HOT TUB (**if** applicable)
▤ Sees pool/outdoor tutorial video **and** tips
▤ Uploads 4-8 pool/hot tub photos
▤ Option to skip **if** no pool/hot tub
▤ Clicks "Next: Exterior"

Step 9: PHOTO UPLOAD - EXTERIOR
▤ Sees exterior tutorial video **and** tips

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⊨ Uploads 4-8 photos across three sub-categories:
⌷     ⊨ Building Exterior: Curb appeal, front of house, architectural shots
⌷     ⊨ Lawn / Backyard: Landscaping, outdoor living spaces, gardens
⌷     ⊨ Miscellaneous: Sheds, pathways, garages, driveways, other features
⊨ User selects sub-category for each photo (appropriate prompt applied)
⊨ Clicks "Review Submission"

Step 10: REVIEW & SUBMIT
⊨ Reviews all uploaded photos by room
⊨ Can remove or add photos
⊨ Reviews/edits notes
⊨ Confirms contact information
⊨ Clicks "Submit for Enhancement"
⊨ Sees confirmation message with submission ID

Step 11: CONFIRMATION
⊨ Receives on-screen confirmation
⊨ Receives email confirmation with submission details
⊨ Messaging: "Submit and forget—we'll handle everything!"
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3.2 Admin Review Flow

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│                     ADMIN REVIEW FLOW                         │
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Step 1: NOTIFICATION
▭ Admin receives email notification of new submission (to dan@retreatvr.ca)
▭ Email includes: Homeowner name, property address, photo count
▭ Clicks link to open submission **in** dashboard

Step 2: DASHBOARD - SUBMISSIONS LIST
▭ Views all submissions **in** table/card format
▭ Filters by: Status (New, In Progress, Approved, Rejected, Re-upload Requested)
▭ Sorts by: Date, Homeowner Name, Status
▭ Views homeowner notes **for** each submission
▭ Clicks on submission to open detail view

Step 3: SUBMISSION DETAIL VIEW
▭ Sees homeowner contact info, property address, **and** notes
▭ Views photos organized by room type
▭ Each photo shows: Original | Enhanced (side-by-side)
▭ Sees current enhancement settings applied TO EACH PHOTO

Step 4: ENHANCEMENT CONTROLS (PER PHOTO)
▭ Enhancement settings apply to INDIVIDUAL photos
▭ Adjusts Enhancement Intensity: Light / Moderate / Significant
▭ Toggles specific enhancements:
    ▭ Sky Replacement (On/Off)
    ▭ Bed Fixing (On/Off)
    ▭ Window Recovery (On/Off)
    ▭ Perspective Correction (On/Off)
    ▭ Reflection Removal (On/Off)
    ▭ Brightness/Color Optimization (On/Off)
▭ Option: "Select All in Room" **for** batch settings
▭ Clicks "Re-run Enhancement" to apply new settings
▭ IMPORTANT: Re-run uses ORIGINAL photo with revised prompt
   (**not** the already-enhanced version)
▭ Previous versions preserved **for** comparison

Step 5: DETAIL SHOT ENHANCEMENT (Manual Admin Action)
▭ Admin can mark any photo **for** "detail shot" enhancement
▭ Provides note specifying what to focus on (e.g., "coffee table staging", "counter-top arrangement")
▭ AI generates cropped/enhanced close-up version
▭ Detail shot saved alongside original enhanced version

Step 6: HERO PHOTO SELECTION
▭ Reviews all enhanced photos
▭ Clicks "Set as Hero" on chosen photo
▭ System generates hero-optimized version (higher resolution)
▭ Hero photo appears with UI badge indicator ONLY
   (badge **is** NOT embedded **in** the actual photo file)
▭ Hero photo included **in** separate /hero/ folder **in** downloads

Step 7: PHOTO ACTIONS (PER PHOTO with Select-All Option)
▭ Actions apply to INDIVIDUAL photos:
    ▭ APPROVE: Photo **is** good, will be used **in** listing
    ▭ REJECT: Photo doesn't add value, won't be included
              (homeowner will be informed which photos were rejected)
    ▭ REQUEST RE-UPLOAD: Photo could be valuable but needs to be retaken
                          (includes notes on how to retake)
▭ "Select All in Room" option **for** batch operations
▭ Download options per photo **or** batch

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Step 8: DOWNLOAD OPTIONS
├─ Downloads organized in ZIP structure:
│   ├─ /originals/    - All original uploaded photos
│   ├─ /enhanced/     - All enhanced versions
│   └─ /hero/         - Hero-optimized photo(s)
├─ Individual photo download (original or enhanced)
├─ Full batch ZIP download
└─ Files optimized to ~2-3MB per image for Airbnb compatibility

Step 9: EMAIL NOTIFICATIONS (Automated)
├─ ON SUBMISSION:
│   ├─ Email to homeowner confirming receipt
│   └─ Email to admin (dan@retreatvr.ca) with submission details
├─ ON APPROVAL:
│   ├─ Email to homeowner: "Your photos are ready and will be
│   │    implemented into your listing by Retreat Vacation Rentals"
├─ ON REJECTION (per photo):
│   ├─ Email includes which specific photos were rejected
│   └─ Reason provided by admin for each rejection
└─ ON RE-UPLOAD REQUEST:
    ├─ Email specifies which photos need to be retaken
    └─ Includes admin notes on HOW to retake each photo
```

4. Feature Specifications

4.1 Homeowner Features

Feature	Description	Acceptance Criteria
F1.1 Landing Page	Branded landing page with service overview	- Displays Listing Lift logo and #383D31 branding - Clear value proposition - Single CTA button - Mobile-responsive
F1.2 Contact Form	Collects homeowner information	- All fields required except Notes - Email validation - Phone format validation - Notes field for special requests
F1.3 General Tips Page	Photography guidance before room uploads	- 5-Photo Rule explanation - AI can vs. cannot fix - Lighting recommendations - Time of day tips
F1.4 Room-Based Upload	Organized photo upload by room type	- 6 room categories (incl. Pool/Hot Tub) - 4-8 photos per room recommended - Drag-and-drop support - Mobile camera access
F1.5 Upload Tips & Videos	Room-specific photography guidance	- Embedded YouTube tutorial per room - Tips displayed per room - Collapsible/expandable - "Other rooms" guidance included
F1.6 Portrait Photo Handling	Gentle notice for portrait orientation	- Shows notice: "Landscape orientation recommended" - Does NOT reject photo - Note: "Portrait is fine for capturing tall spaces"
F1.7 Photo Preview	Preview uploaded photos before submission	- Thumbnail grid view - Remove individual photos - Reorder capability
F1.8 Submission Confirmation	Confirmation of successful submission	- On-screen confirmation - Unique submission ID - Email confirmation sent

Feature	Description	Acceptance Criteria
		- "Submit and forget" messaging
F1.9 Re-upload Capability	Submit replacement photos when requested	- Access via email link - Shows which photos need replacement - Shows admin notes on how to retake - Preserves original submission

4.2 Admin Features

Feature	Description	Acceptance Criteria
F2.1 Submissions Dashboard	Overview of all submissions	- Table/card view toggle - Filter by status - Sort by date/name - Search functionality - View homeowner notes
F2.2 Side-by-Side Comparison	View original vs enhanced photos	- Synchronized zoom/pan - Slider comparison option - Full-screen view
F2.3 Per-Photo Enhancement Controls	Adjust AI enhancement settings per photo	- Intensity slider (3 levels) - Individual feature toggles - Settings apply per photo - "Select All in Room" option
F2.4 Re-run Enhancement	Process photos with new settings	- Uses ORIGINAL photo (not enhanced) - Progress indicator - Preserves previous versions - Comparison with previous run
F2.5 Detail Shot Enhancement	Generate close-up versions	- Admin marks photo for detail shot - Provides focus note - AI generates cropped/ enhanced version - Manual action, not automatic
F2.6 Hero Photo Selection	Designate and generate hero photo	- One-click selection - Generates hero-optimized version - UI badge indicator only (NOT in photo file) - Separate /hero/ folder
F2.7 Download Options	Download photos in organized structure	- ZIP structure: /originals/, / enhanced/, /hero/ - Individual download option - Files optimized to ~2-3MB
F2.8 Per-Photo Actions	Approve, Reject, or Request Re-upload per photo	- All actions are per-photo - "Select All in Room" option - Reject: photo won't be used, inform client

Feature	Description	Acceptance Criteria
		- Re-upload: include retake instructions
F2.9 Notes System	Add internal notes to submissions	- Rich text support - Timestamp and history - Admin-only visibility
F2.10 AI Model Selection	Configure image enhancement model	- Admin settings to switch models - Primary: FLUX.2 [Pro] or GPT Image 1.5 - Alternative options available
F2.11 Email Notifications	Automated email alerts	- Submission: confirm to homeowner, notify admin - Approval: inform homeowner photos ready - Rejection: specify which photos, why - Re-upload: specify photos, how to retake

4.3 Feature Priority Matrix

Priority	Feature	Rationale
P0 - Must Have	F1.1-F1.4, F1.7-F1.8, F2.1-F2.4, F2.6-F2.8, F2.11	Core functionality
P1 - Should Have	F1.3, F1.5-F1.6, F1.9, F2.5, F2.9-F2.10	Enhanced workflow
P2 - Nice to Have	Video tutorials, Address autocomplete	Polish features

5. General Photography Tips

> **Display Location:** This section appears BEFORE room-specific uploads, after the contact form.

5.1 The Pro Basics (What AI Can and Cannot Fix)

What AI CAN Fix:
- Dark or underexposed photos → AI brightens
- Tilted/crooked framing → AI straightens
- Overcast skies → AI replaces with blue sky
- Blown-out windows → AI recovers exterior view

- Wrinkly bed linens → AI smooths
- Wide-angle distortion → AI corrects
- Photographer reflections → AI removes
- Low resolution → AI enhances sharpness

What AI CANNOT Fix (Reshoot Required):
- Blurry/motion blur photos
- Extremely dark photos (no visible details)
- Bad composition/wrong angle
- Complex clutter (physically remove before shooting)
- Severe high-ISO grain/noise

5.2 The 5-Photo Rule

Your first five photos in the listing should be a **"diverse highlight reel"** rather than a room-by-room tour:

1. **Hero Photo:** Most attractive amenity or "curiosity-generating" exterior
2. **Living Room:** Shows comfort and spaciousness
3. **Master Bedroom:** Emphasizes luxury (pillows, linens)
4. **Kitchen:** Ready-to-cook appeal
5. **Key Amenity:** Pool, outdoor space, bathroom, or unique feature

Before you start shooting, have a rough idea of what your top 5 shots might be.

5.3 Lighting & Timing Tips

Even Lighting:
- Open ALL blinds and curtains
- Avoid using only ceiling lights (creates harsh shadows)
- Place floor lamps behind the camera for even light distribution

Best Times to Shoot:

Room Type	Best Time	Why
Interiors	10 AM - 3 PM	Bright, even natural light
Exteriors (Daytime)	Golden hour (morning/evening)	Warm, inviting glow
Exteriors (Twilight)	Just after sunset	Dramatic sky, warm interior lights visible
Night shots	Only if showcasing ambiance	Creates cozy, moody feel (good for living rooms with fireplaces)

Strong Sunlight Through Windows:
- Can work well if you want bright, airy feel
- AI can fix blown-out windows to reveal exterior view
- Avoid harsh sun beams cutting across furniture

5.4 Things to Avoid ("Unsells")

Remove any photo that might discourage a guest:
- Disheveled utility areas (unfinished basements, messy laundry)
- Redundant shots (four angles of the same chair)
- Grainy low-light images
- Personal items (photos, toiletries, medications)

- Clutter, cables, and cords
- Trash cans, cleaning supplies

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6. Room-Specific Enhancement Prompts

6.1 Kitchen Enhancement

Photography Tips for Homeowners

Tutorial Video: https://youtu.be/g1HYNpO2ntk

General Kitchen Shots:
- Capture countertops, appliances, and cooking area
- Shoot at chest height (6" above counter surface)
- Show the full layout from a corner if possible
- Open blinds for natural light
- Remove magnets and papers from refrigerator

"Ready-to-Cook" Staging Shots (After Clearing):
1. First: Take general shots with counters cleared (except 1-2 styled items)
2. Then: Pull out appliances from drawers (blender, pots, pans)
3. Stage a cooking scene: pots on stove, cutting board with knife, spices
4. Include the vent hood in frame when showing cooking station

Medium Shots to Include:
- Appliances and cooking amenities
- Coffee station close-up (ensure branding is legible)
- Countertop staging

AI Enhancement Prompt

KITCHEN ENHANCEMENT PROMPT
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Enhance this kitchen photo for a vacation rental listing to achieve professional, "ready to cook" quality that highlights the space as an emotional anchor for guests.

⚠️ CRITICAL ACCURACY REQUIREMENTS ⚠️
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• DO NOT add any windows, doors, or architectural elements that are not visible in the original photo
• DO NOT change, replace, or alter any furniture or cabinets - only enhance their existing appearance
• DO NOT add any objects, decorations, appliances, or features that are not present in the original image
• PRESERVE the exact layout, furniture placement, and architectural features of the original photo
• The enhanced photo must accurately represent the actual space - guests will visit this property

CORRECTIONS:
- Straighten all vertical lines (cabinets, door frames, appliances)
- Correct any wide-angle (0.5x) distortion on edges
- Balance window exposure—reveal exterior view if blown out
- Brighten shadow areas while preserving natural highlights
- Fix any perspective issues from camera angle

LIGHTING & COLOR:
- Correct white balance for accurate surface colors
- Enhance warmth slightly for inviting, homey atmosphere
- Ensure countertops and appliances are well-lit and visible
- Stainless steel should appear clean and neutral (not yellow or blue)
- Create even illumination across the entire space

CLARITY & DETAIL:
- Sharpen details on appliances, fixtures, and hardware
- Ensure any branded elements (coffee labels, appliances) remain legible
- Enhance texture visibility on countertops and backsplash
- Do not scramble or distort any text in the image
- Polish appearance of surfaces without artificial shine

PRESERVE (CRITICAL - Accurate Representation):
- Maintain all original objects and layout EXACTLY
- Keep natural shadows for depth and dimension
- Do not alter room dimensions or proportions
- Preserve authentic material textures (granite, wood, tile)
- Keep the "lived-in but clean" vacation rental feel
- Do not move, add, or remove ANY objects unless specifically stated
  in additional enhancement notes
- NEVER add windows, doors, or openings that don't exist
- NEVER replace or swap out furniture, appliances, or fixtures

OUTPUT QUALITY: Professional vacation rental standard with warm, inviting "ready to cook" atmosphere that signals quality amenities. Must accurately represent the actual space to avoid guest complaints.

6.2 Bedroom Enhancement

Photography Tips for Homeowners

Tutorial Video: https://youtu.be/xGbUSzszzQY

Composition:
- Focus on the bed as the main focal point
- Shoot from the foot of the bed with clearance
- Try "shooting through" a doorway or past a plant for artistic depth

Staging:
- **Tuck it Tight:** Ensure duvet is tucked in perfectly
- Use **4+ king-size pillows** for luxury hotel look
- Add a throw blanket at foot of bed
- Close closet doors and remove personal items
- Include nightstands with minimal decor (lamp + 1 item)

Texture & Detail Shots:
- Take close-up "feature shots" showing grain of wood
- Capture texture of high-end linens
- Show craftsmanship details

AI Enhancement Prompt

BEDROOM ENHANCEMENT PROMPT
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Enhance this bedroom photo for a vacation rental listing to achieve
luxury hotel quality that signals comfort and premium value.

⚠️ CRITICAL ACCURACY REQUIREMENTS ⚠️
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• DO NOT add any windows, doors, or architectural elements that are not visible in the
original photo
• DO NOT change, replace, or alter any furniture - only enhance the existing fur-
niture's appearance
• DO NOT add any objects, decorations, or features that are not present in the origin-
al image
• PRESERVE the exact layout, furniture placement, and architectural features of the
original photo
• The enhanced photo must accurately represent the actual space - guests will visit
this property

CORRECTIONS:
- Straighten any tilted or crooked framing for visual comfort
- Correct perspective if shot was angled up or down
- Smooth any wrinkles in bed linens for "crisp and clean" appearance
- Remove photographer reflection if visible in any mirrors or glass
- Fix wide-angle distortion on edges

BED & LINENS:
- Simulate high-end linen textures—crisp, fresh, inviting
- Smooth wrinkles while maintaining natural fabric appearance
- Enhance whites in linens to appear bright and clean
- Preserve pillow arrangement and layering (luxury signals)
- Avoid plastic or artificial texture appearance
- KEEP THE EXACT SAME BED FRAME, HEADBOARD, AND BEDDING STYLE

ATMOSPHERE:
- Create warm, cozy, inviting ambiance
- Soft, diffused lighting appearance
- Warm neutral tones for comfortable feeling
- Balance between bright and cozy

LIGHTING:
- Brighten dark corners and shadow areas
- Balance window light with room interior
- Ensure linens appear bright and fresh (not dingy)
- Recover window view if overexposed

PRESERVE (CRITICAL - Accurate Representation):
- Maintain bed styling and pillow arrangement EXACTLY
- Keep natural fabric textures authentic
- Do not add or remove any objects unless specifically stated
  in additional enhancement notes
- Preserve the "luxury" signals (pillow count, layers, throws)
- Maintain accurate room proportions and layout
- Keep all furniture in original positions
- NEVER add windows, doors, or openings that don't exist
- NEVER replace or swap out furniture, bed frames, or fixtures
- NEVER change the style, color, or design of any furniture

OUTPUT QUALITY: Luxury hotel standard with high-ADR appearance—
the kind of bedroom that makes guests excited to book.
Must accurately represent the actual space.

6.3 Living Spaces Enhancement

> **Note:** The "Living Spaces" upload page includes two sub-categories. Users select which sub-category each photo belongs to, and the appropriate prompt is applied.

Sub-Categories:

Sub-Category	Description
Living Room	Main living area, family room, great room, foyer/entryway, home theater, game room
Dining Room / Dining Area	Formal dining room, breakfast nook, eat-in kitchen dining area

6.3.1 Living Room

Photography Tips for Homeowners

Tutorial Video: https://youtu.be/QJrm6URR5OA

Composition:
- Shoot **corner-to-corner** to show three walls (maximizes perceived space)
- Capture at knee-to-chest height (24-30 inches)
- Use **Rule of Thirds:** Enable grid on phone, place main furniture (couch) on intersection point

Staging ("Eye Candy"):
- Stage with colorful throw blankets, open books, plants
- Fluff pillows and add a throw blanket
- Clear coffee table except 1-2 styled items
- Remove visible cords and cables
- Open all blinds and curtains

Mood Consistency:
- Keep the "tone" of your photos consistent throughout
- Avoid jumping between very bright and very dark/moody shots

Other Rooms to Upload as "Living Room":
- Foyer/Entryway
- Home Theater / Game Room

AI Enhancement Prompt

LIVING ROOM ENHANCEMENT PROMPT
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Enhance this living room photo for a vacation rental listing to maximize
perceived spaciousness and create an inviting, comfortable atmosphere.

⚠️ CRITICAL ACCURACY REQUIREMENTS ⚠️
────────────────────────────────
• DO NOT add any windows, doors, or architectural elements that are not visible in the
original photo
• DO NOT change, replace, or alter any furniture - only enhance the existing fur-
niture's appearance
• DO NOT add any objects, decorations, or features that are not present in the origin-
al image
• PRESERVE the exact layout, furniture placement, and architectural features of the
original photo
• The enhanced photo must accurately represent the actual space - guests will visit
this property

CORRECTIONS:
- Straighten all vertical lines (walls, door frames, windows, furniture edges)
- Correct wide-angle edge distortion
- Fix any perspective tilt from camera angle
- Remove photographer reflection from any glass, mirrors, or TV screens
- Ensure "congruent lines" for visual comfort

SPACIOUSNESS:
- Brighten to emphasize openness and volume
- Enhance natural light from windows
- Recover exterior views through any blown-out windows
- Ensure all visible walls are properly lit
- Create sense of depth and flow

LIGHTING:
- Balance bright windows with interior exposure (HDR effect)
- Reveal details in shadow areas without losing contrast
- Natural, welcoming illumination throughout
- Avoid harsh shadows or overly flat lighting

COLOR & ATMOSPHERE:
- Warm, inviting color temperature
- Accurate furniture and decor colors
- Subtle vibrancy enhancement without oversaturation
- Cozy yet spacious feeling

PRESERVE (CRITICAL - Accurate Representation):
- Maintain sense of depth and "corner-to-corner" volume
- Keep natural flow and furniture layout EXACTLY
- Do not alter furniture arrangement or positions
- Maintain realistic proportions and room dimensions
- Preserve focal points (fireplace, view, TV area)
- Do not add or remove any objects unless specifically stated
  in additional enhancement notes
- NEVER add windows, doors, or openings that don't exist
- NEVER replace or swap out sofas, chairs, tables, or any furniture
- NEVER change the style, color, or design of any furniture or decor

OUTPUT QUALITY: Spacious, inviting living space with "visual comfort"—
a room guests can immediately imagine relaxing in.
Must accurately represent the actual space.

6.3.2 Dining Room / Dining Area

Photography Tips for Homeowners

Composition:
- Capture the full dining table with chairs
- Shoot from a corner to show depth and space
- Include any windows or views if present
- Show the relationship to kitchen if open concept

Staging:
- Set the table simply (placemats, napkins, centerpiece)
- Pull chairs out slightly for a welcoming look
- Add fresh flowers or a bowl of fruit as centerpiece
- Ensure good lighting on the table surface
- Remove clutter and personal items

What to Capture:
- Full table setup
- Seating capacity visible
- Any special features (chandelier, built-in cabinet, view)
- Connection to kitchen or living room if applicable

AI Enhancement Prompt

DINING ROOM / DINING AREA ENHANCEMENT PROMPT
==

Enhance this dining area photo for a vacation rental listing to create
an inviting space where guests can imagine gathering for meals.

⚠️ CRITICAL ACCURACY REQUIREMENTS ⚠️
─────────────────────────────────

• DO NOT add any windows, doors, or architectural elements that are not visible in the
original photo
• DO NOT change, replace, or alter any furniture - only enhance the existing fur-
niture's appearance
• DO NOT add any objects, decorations, or features that are not present in the origin-
al image
• PRESERVE the exact layout, furniture placement, and architectural features of the
original photo
• The enhanced photo must accurately represent the actual space - guests will visit
this property

CORRECTIONS:
- Straighten all vertical lines (walls, door frames, windows)
- Correct wide-angle edge distortion
- Fix any perspective tilt from camera angle
- Remove photographer reflection from any glass, mirrors, or surfaces
- Ensure table surface appears level and properly aligned

TABLE & SEATING:
- Enhance the appearance of table surface (wood grain, polish)
- Ensure chairs appear clean and well-maintained
- Preserve exact chair count and arrangement
- Keep any table settings or centerpieces as-is
- KEEP THE EXACT SAME TABLE, CHAIRS, AND DINING SET

LIGHTING:
- Balance bright windows with interior exposure
- Ensure table surface is well-lit and inviting
- Enhance any chandelier or pendant lighting naturally
- Create warm, welcoming ambiance for dining

COLOR & ATMOSPHERE:
- Warm, inviting color temperature
- Accurate furniture and decor colors
- Subtle enhancement without oversaturation
- Create "gathering place" feeling

PRESERVE (CRITICAL - Accurate Representation):
- Maintain exact table and chair positions
- Keep natural flow and furniture layout EXACTLY
- Do not alter seating arrangement or capacity
- Maintain realistic proportions and room dimensions
- Preserve any special features (chandelier, hutch, artwork)
- Do not add or remove any objects unless specifically stated
- NEVER add windows, doors, or openings that don't exist
- NEVER replace or swap out the dining table, chairs, or fixtures
- NEVER add place settings, dishes, or food that aren't present

OUTPUT QUALITY: Warm, inviting dining space that makes guests
excited to share meals together during their stay.
Must accurately represent the actual space.

6.4 Bathroom Enhancement

Photography Tips for Homeowners

Tutorial Video: https://youtu.be/fffuvXLqVDg

Technical Tips:
- Use **0.5x wide-angle** setting for tight spaces
- **Camera Height:** Ensure camera is high enough to see top of counter (provides "visual comfort")
- Shoot from doorway if space is very tight

Staging:
- Ensure **spotless cleanliness** throughout
- Include fresh, fluffy towels (white preferred)
- Make sure **toilet paper is visible** (signals guest-readiness)
- Remove ALL personal toiletries
- Keep toilet lid DOWN
- Add small plant or candle for warmth

Show Amenities:
- Even if small, ensure high-quality towels and toiletries are visible
- These are key selling points

Laundry Room:
- Upload laundry room photos in the Bathroom category
- Only if it's presentable—avoid "unselling" shots of unfinished spaces

AI Enhancement Prompt

BATHROOM ENHANCEMENT PROMPT
===========================

Enhance this bathroom photo for a vacation rental listing to achieve
spa-quality, "crisp and clean" appearance that signals cleanliness.

⚠️ CRITICAL ACCURACY REQUIREMENTS ⚠️
─────────────────────────────────

• DO NOT add any windows, doors, or architectural elements that are not visible in the
original photo
• DO NOT change, replace, or alter any fixtures - only enhance their existing appear-
ance
• DO NOT add any objects, decorations, or features that are not present in the origin-
al image
• PRESERVE the exact layout, fixture placement, and architectural features of the ori-
ginal photo
• The enhanced photo must accurately represent the actual space - guests will visit
this property
• EXCEPTION: Towels and toilet paper may be added if missing, as these are consumable
amenities

CORRECTIONS:
- Correct any wide-angle distortion (especially if 0.5x was used)
- Straighten vertical lines (walls, door frames, shower doors)
- Remove photographer reflection from mirrors and glass surfaces
- Fix perspective issues from tight-space shooting

AMENITIES (ONLY EXCEPTION TO "NO ADDITIONS" RULE):
- If towels are missing or sparse, add fresh white towels naturally
- If toilet paper is not visible, add it appropriately
- Ensure amenities appear ready for guests
- DO NOT add any other objects beyond towels and toilet paper

CLEANLINESS & FRESHNESS:
- Bright, fresh, spa-like appearance
- Sparkling clean surfaces throughout
- Crisp white towels and fixtures
- Streak-free mirrors and glass
- Clean tile and grout appearance

LIGHTING:
- Bright, even illumination throughout
- Eliminate dark corners and shadows
- Enhance natural light if present
- Clean, fresh lighting mood (not yellow or harsh)

COLOR:
- Accurate white balance for tiles and fixtures
- Bright whites without yellow or blue cast
- Natural material colors preserved
- Fresh, clean color palette

CLARITY:
- Sharp detail on fixtures and hardware
- Clean, polished appearance on all surfaces
- Clear reflection in mirrors (minus photographer)

PRESERVE (CRITICAL - Accurate Representation):
- Keep ALL fixtures exactly where they are (toilet, sink, shower, tub)
- Maintain exact flooring material and pattern
- Do not alter bathroom layout in ANY way
- Preserve accurate room dimensions

```
- Keep all tiles, grout, and surfaces accurate to original
- Do not add or remove any fixtures unless specifically stated
  in additional enhancement notes
- NEVER add windows, doors, or openings that don't exist
- NEVER replace or swap out the vanity, toilet, tub, or shower
- NEVER change the style or design of any fixtures
- Accurate representation is critical to avoid guest complaints about misrepresenta-
tion

OUTPUT QUALITY: Spa-quality, "crisp and clean" bathroom that
signals attention to detail and guest comfort.
Must accurately represent the actual space.
```

6.5 Pool/Hot Tub Enhancement

Photography Tips for Homeowners

Tutorial Video: https://youtu.be/T_y8tAsg3II

Composition:
- Use **Foreground-Pool-Sky** composition:
1. Area before the pool (deck, chairs)
2. Full water feature
3. Generous amount of sky

Staging:
- Crystal clear water (clean before shooting!)
- Stage with pool floats, rolled towels
- **Prop Movement:** Move a colorful pool floaty around for multiple shots

Seasonality:
- If in a snowy area, also capture "magic" winter shots (e.g., hot tub during snowfall)
- These seasonal shots can be incredibly compelling

Hot Tub Specific:
- Show the hot tub with cover off
- Capture surrounding deck/patio area
- Evening/twilight shots with lights on are excellent

AI Enhancement Prompt

POOL/HOT TUB ENHANCEMENT PROMPT
==============================

Enhance this pool or hot tub photo for a vacation rental listing to create
a compelling, "leisure-focused" image that drives bookings.

⚠️ CRITICAL ACCURACY REQUIREMENTS ⚠️
────────────────────────────────

• DO NOT add any structures, features, or architectural elements that are not visible
in the original photo
• DO NOT change the size, shape, or style of the pool/hot tub
• DO NOT add any objects, furniture, or features that are not present in the original
image
• PRESERVE the exact layout and surrounding features of the original photo
• The enhanced photo must accurately represent the actual amenity - guests will visit
this property
• Sky replacement IS allowed as it does not misrepresent the property itself

WATER ENHANCEMENT:
- Crystal clear, inviting water appearance
- Sparkling water effect with natural highlights
- Enhance blue/turquoise tones naturally
- Remove any debris or imperfections in water

SKY ENHANCEMENT (ALLOWED):
- If sky is overcast, cloudy, or gray: replace with pleasant blue sky
- Option: Convert to golden hour/sunset mood if appropriate
- Option: Create twilight look with warm lights visible
- Natural cloud formations if adding clouds
- Ensure lighting direction matches sun position

CORRECTIONS:
- Straighten any tilted framing
- Correct wide-angle distortion on edges
- Fix perspective issues

SURROUNDINGS:
- Enhance deck/patio appearance (but do not change materials)
- Brighten existing outdoor furniture and staging
- Well-lit pool area and features
- Clean, maintained appearance
- DO NOT add furniture, umbrellas, or loungers that aren't there

ATMOSPHERE:
- Leisure-focused, vacation vibes
- Bright, inviting daytime OR warm, romantic evening
- Emphasize relaxation and enjoyment

PRESERVE (CRITICAL - Accurate Representation):
- Accurate representation of pool/hot tub size and shape EXACTLY
- Real surrounding features and landscaping
- True proportions and scale
- Actual deck/patio materials
- Do not add features that don't exist (no adding pools, waterfalls, fire pits, etc.)
- Do not add or remove any objects unless specifically stated
  in additional enhancement notes
- NEVER add pool floats, furniture, or staging items that aren't present
- NEVER alter the pool/hot tub dimensions or surrounding hardscape
- NEVER add landscaping features that don't exist

OUTPUT QUALITY: High-conversion "must-book" pool/hot tub shot

```
  that makes viewers imagine themselves relaxing there.
  Must accurately represent the actual amenity.
```

6.6 Exterior Enhancement

> **Note:** The "Exterior" upload page includes three sub-categories. Users select which sub-category each photo belongs to, and the appropriate prompt is applied.

Sub-Categories:

Sub-Category	Description
Building Exterior	Curb appeal, front of house, architectural shots, property entrance
Lawn / Backyard	Landscaping, outdoor living spaces, gardens, patios, decks
Miscellaneous	Any other outdoor features (sheds, pathways, garages, driveways, etc.)

6.6.1 Building Exterior

Photography Tips for Homeowners

Tutorial Video (Curb Appeal): https://youtu.be/_x4f59c5KSs

The Curiosity Hero:
- Consider using a beautiful building exterior shot as your Hero (cover) photo
- Curb appeal and attractive architecture builds curiosity about the interior
- Often performs better than bedroom shots as the first image

Technical Tips:
- Capture from **knee height** for imposing look (makes structure appear larger)
- Include **generous amount of sky**
- Shoot the front of the house straight-on or at a slight angle
- Capture the full structure if possible

Staging:
- Remove cars, toys, and trash cans from view
- Clean driveway and walkways
- Add potted plants at entrance if possible
- Ensure exterior lights are off during daytime shots

Seasonality:
- If property is in snowy area, capture winter "magic" shots too
- Show the property in its best seasonal light

AI Enhancement Prompt

BUILDING EXTERIOR ENHANCEMENT PROMPT
==================================

Enhance this building exterior photo for a vacation rental listing to create
a compelling, "curiosity-generating" curb appeal image that drives clicks.

⚠️ CRITICAL ACCURACY REQUIREMENTS ⚠️
───────────────────────────────

• DO NOT add any windows, doors, or architectural elements that are not visible in the
original photo
• DO NOT change the structure, style, or architectural details of the building
• DO NOT add any objects, landscaping, or features that are not present in the origin-
al image
• PRESERVE the exact appearance and architectural features of the original photo
• The enhanced photo must accurately represent the actual property - guests will visit
this property
• Sky replacement IS allowed as it does not misrepresent the property itself

SKY ENHANCEMENT (ALLOWED):
- If sky is overcast, cloudy, or gray: replace with pleasant blue sky
- Option: Convert to golden hour/sunset mood if appropriate for the shot
- Option: Create twilight look with warm interior lights visible
- Natural cloud formations if adding clouds
- Ensure lighting direction matches sun position in scene

CORRECTIONS:
- Straighten any tilted framing
- Correct wide-angle distortion on edges
- Enhance structure to appear imposing (complement knee-height shooting)
- Fix perspective issues

BUILDING & ARCHITECTURE:
- Enhance the appearance of existing siding, brick, stone, etc.
- Brighten and clean the appearance of windows and doors
- Ensure the building looks well-maintained
- DO NOT change any architectural features or add/remove elements

LANDSCAPING (ENHANCEMENT ONLY):
- Enhance green grass vibrancy naturally (not neon)
- Brighten existing foliage colors appropriately for season
- DO NOT add landscaping features that don't exist
- DO NOT add trees, shrubs, or flowers that aren't present

LIGHTING MOOD OPTIONS (apply based on original):
- DAYTIME: Bright, clear, inviting, blue sky
- SUNSET: Warm golden hour glow, dramatic colors
- TWILIGHT: Dramatic sky with warm interior lights visible

PRESERVE (CRITICAL - Accurate Representation):
- Accurate representation of actual property structure
- Real architectural details exactly as shown
- True proportions and scale
- Actual window and door placement
- Do not add features that don't exist (no adding porches, dormers, etc.)
- Do not add or remove any objects unless specifically stated
- NEVER add windows, doors, or architectural features that don't exist
- NEVER change the building's appearance, color, or style
- NEVER add landscaping, pathways, or exterior features not present

OUTPUT QUALITY: High-conversion "curiosity-generating" exterior that
makes viewers want to click and learn more about the property.
Must accurately represent the actual property.

6.6.2 Lawn / Backyard

Photography Tips for Homeowners

Composition:
- Capture outdoor living spaces from multiple angles
- Show the relationship between different areas (deck to lawn, patio to garden)
- Include any special features (fire pit, outdoor kitchen, seating areas)
- Capture the scope and size of the outdoor space

Staging:
- Stage outdoor furniture to look inviting
- Add cushions, throw pillows to seating areas
- Clear toys, tools, and clutter
- Ensure lawn is mowed and gardens are maintained

What to Capture:
- Full backyard overview
- Patio or deck areas
- Garden features
- Outdoor dining or lounging areas
- Views from the property

AI Enhancement Prompt

LAWN / BACKYARD ENHANCEMENT PROMPT
================================

Enhance this lawn or backyard photo for a vacation rental listing to
showcase the outdoor living space as an extension of the home.

⚠️ CRITICAL ACCURACY REQUIREMENTS ⚠️
────────────────────────────────

• DO NOT add any structures, features, or landscaping elements that are not visible in
the original photo
• DO NOT add pools, hot tubs, fire pits, pergolas, or outdoor kitchens that don't ex-
ist
• DO NOT add any furniture, decorations, or features that are not present in the ori-
ginal image
• PRESERVE the exact layout and features of the original photo
• The enhanced photo must accurately represent the actual outdoor space - guests will
visit this property
• Sky replacement IS allowed as it does not misrepresent the property itself

SKY ENHANCEMENT (ALLOWED):
- If sky is overcast, cloudy, or gray: replace with pleasant blue sky
- Option: Convert to golden hour/sunset mood if appropriate
- Natural cloud formations if adding clouds
- Ensure lighting direction matches sun position

CORRECTIONS:
- Straighten any tilted framing
- Correct wide-angle distortion on edges
- Fix perspective issues

LAWN & LANDSCAPING (ENHANCEMENT ONLY):
- Enhance green grass vibrancy naturally (not neon or artificial)
- Brighten existing foliage and flower colors appropriately
- Make existing landscaping look healthy and well-maintained
- DO NOT add trees, shrubs, flowers, or gardens that aren't present
- DO NOT change the layout or design of the landscaping

OUTDOOR LIVING SPACES:
- Enhance existing patio/deck surfaces (but don't change materials)
- Brighten existing outdoor furniture
- Make spaces look clean and inviting
- DO NOT add furniture, umbrellas, or staging items that aren't there

ATMOSPHERE:
- Create inviting, relaxing outdoor vibes
- Emphasize space for entertaining or relaxing
- Bright, welcoming daytime OR warm evening ambiance

PRESERVE (CRITICAL - Accurate Representation):
- Accurate representation of yard size and shape
- Real landscaping features and layout exactly as shown
- True proportions and scale of the space
- Actual outdoor features and amenities only
- Do not add features that don't exist
- NEVER add pools, fire pits, water features, or structures not present
- NEVER add outdoor furniture or staging that isn't there
- NEVER expand the apparent size of the yard

OUTPUT QUALITY: Inviting outdoor living space that makes guests
excited about spending time outdoors at the property.
Must accurately represent the actual space.

6.6.3 Miscellaneous Exterior

Photography Tips for Homeowners

What Belongs Here:
- Sheds or storage buildings
- Pathways and walkways
- Driveways and parking areas
- Garages (exterior view)
- Fencing and gates
- Any other outdoor features not covered by other categories

Composition:
- Capture these features to show guests what to expect
- Show practical amenities (parking, storage)
- Include context of how features relate to the property

Staging:
- Ensure areas are clean and organized
- Remove any clutter or personal items
- Show features in their best light

AI Enhancement Prompt

MISCELLANEOUS EXTERIOR ENHANCEMENT PROMPT
=======================================

Enhance this exterior photo for a vacation rental listing to present
secondary outdoor features in their best light.

⚠️ CRITICAL ACCURACY REQUIREMENTS ⚠️
─────────────────────────────────────
• DO NOT add any structures, features, or elements that are not visible in the original photo
• DO NOT change, upgrade, or alter any existing structures or features
• DO NOT add any objects, landscaping, or details that are not present in the original image
• PRESERVE the exact appearance and features of the original photo
• The enhanced photo must accurately represent the actual feature - guests will visit this property
• Sky replacement IS allowed as it does not misrepresent the property itself

SKY ENHANCEMENT (ALLOWED):
- If sky is overcast, cloudy, or gray: replace with pleasant blue sky
- Natural cloud formations if adding clouds
- Ensure lighting direction matches sun position

CORRECTIONS:
- Straighten any tilted framing
- Correct wide-angle distortion on edges
- Fix perspective issues

STRUCTURES & FEATURES:
- Enhance the appearance of existing structures (sheds, garages, etc.)
- Make surfaces look clean and well-maintained
- Brighten and enhance existing materials (wood, stone, concrete)
- DO NOT change the style, color, or design of any structures

PATHWAYS & SURFACES:
- Enhance driveways, walkways, and pathways to look clean
- Make existing surfaces look well-maintained
- DO NOT change materials or add landscaping borders not present

LANDSCAPING (ENHANCEMENT ONLY):
- Enhance existing greenery and plantings
- DO NOT add landscaping that isn't there

PRESERVE (CRITICAL - Accurate Representation):
- Accurate representation of all structures and features
- Real materials and finishes exactly as shown
- True proportions and scale
- Actual condition (improved but honest representation)
- Do not add features that don't exist
- NEVER upgrade or modernize the appearance of structures
- NEVER add pathways, lighting, or features not present

OUTPUT QUALITY: Clean, well-maintained appearance that accurately
represents secondary outdoor features guests will encounter.
Must accurately represent the actual property.

6.7 Enhancement Intensity Presets

> **Note:** All intensity levels must adhere to the Critical Accuracy Requirements. The intensity level controls how much enhancement is applied, NOT what can be added or changed.

Light Enhancement (For Good Source Images)

```
Apply subtle enhancements only:
- Minor exposure adjustment (+/- 0.5 stops maximum)
- Gentle white balance correction
- Light shadow recovery
- Subtle sharpening
- Minor vertical line straightening if needed

Maintain 95% fidelity to original image.
Do not apply sky replacement or major corrections.

⚠ ACCURACY REQUIREMENTS STILL APPLY:
- DO NOT add any elements not present in the original
- DO NOT change or replace any furniture or fixtures
- PRESERVE exact layout and architectural features
```

Moderate Enhancement (For Average Source Images)

```
Apply moderate corrections:
- Exposure correction (+/- 1 stop)
- White balance normalization
- Shadow/highlight recovery
- Perspective and distortion correction
- Bed linen smoothing if needed
- Reflection removal if present
- Color vibrancy enhancement

Maintain 85% fidelity to original image.
Apply sky replacement only if sky is significantly overcast.

⚠ ACCURACY REQUIREMENTS STILL APPLY:
- DO NOT add any windows, doors, or architectural elements not visible
- DO NOT change, replace, or alter any furniture
- DO NOT add any objects or features not present
- PRESERVE exact layout and architectural features
```

Significant Enhancement (For Challenging Source Images)

```
Apply comprehensive corrections:
- Major exposure rebalancing
- Full white balance correction
- HDR-style shadow/highlight recovery
- Sky replacement if overcast or blown out
- Blown-out window recovery
- Perspective, angle, and distortion correction
- Bed smoothing and texture enhancement
- Reflection removal
- Resolution/sharpness enhancement
- Add missing amenities ONLY: towels and toilet paper in bathrooms

Note: If original image lacks basic visibility or has severe motion blur,
flag for re-upload rather than attempting enhancement.

⚠ CRITICAL ACCURACY REQUIREMENTS STILL APPLY - EVEN AT SIGNIFICANT LEVEL:

- DO NOT add any windows, doors, or architectural elements that don't exist
- DO NOT change, replace, or alter any furniture - enhancement only
- DO NOT add any objects, decorations, or features not present
  (EXCEPTION: towels and toilet paper in bathrooms)
- PRESERVE the exact layout, furniture placement, and architectural features
- The enhanced photo must accurately represent the actual space
- Guests WILL visit this property - do not misrepresent what they will see
```

6.8 Detail Shot Enhancement Prompt

> **Note:** This is a MANUAL admin action. Admin marks a photo for "detail shot" enhancement and provides a note specifying what to focus on.

```
DETAIL SHOT ENHANCEMENT PROMPT
==============================

Create a close-up detail shot from this photo, focusing on: [ADMIN NOTE]

⚠ CRITICAL ACCURACY REQUIREMENTS ⚠

• DO NOT add any elements, decorations, or features not visible in the original
• DO NOT change, replace, or alter the subject being highlighted
• PRESERVE the exact appearance of the featured element
• The detail shot must accurately represent the actual feature

CROPPING:
- Crop to focus tightly on the specified subject
- Maintain rule of thirds composition
- Ensure subject fills 60-80% of the frame

ENHANCEMENT:
- Maximum sharpness and clarity on the focal subject
- Soft background blur if appropriate (simulate f/2.8 depth of field)
- Enhance textures and details of the subject
- DO NOT alter or change the subject itself

COLOR & LIGHTING:
- Warm, inviting tones
- Well-lit subject area
- Remove distracting shadows

PRESERVE (CRITICAL):
- Natural appearance of subject exactly as it exists
- Accurate colors and textures
- Authentic representation - do not "improve" or change the item
- The featured element must look exactly as guests will see it

OUTPUT: Professional "personality shot" highlighting the specified detail,
suitable for vacation rental listing to showcase property features.
Must accurately represent the actual feature.
```

7. UI/UX Design

7.1 Homeowner Interface

Page 1: Landing Page

```
┌─────────────────────────────────────────────────────────────┐
│  ┌─────────────────────────────────────────────────────┐    │
│  │ [Listing Lift Logo]         [Retreat Vacation Rentals] │  │
│  │ ─────────────────────────────────────────────────     │  │
│  │ Brand Color: #383D31                                 │  │
│  │                                                       │  │
│  │   ┌─────────────────────────────────────────────┐    │  │
│  │   │                                             │    │  │
│  │   │        Transform Your Property Photos        │    │  │
│  │   │            Into Booking Magnets              │    │  │
│  │   │                                             │    │  │
│  │   │   Our AI-powered enhancement service turns your │  │
│  │   │   smartphone photos into professional-quality │  │
│  │   │   images optimized for Airbnb and VRBO.     │  │  │
│  │   │                                             │    │  │
│  │   │        [ Start Your Submission ]            │    │  │
│  │   │                                             │    │  │
│  │   └─────────────────────────────────────────────┘    │  │
│  │                                                       │  │
│  │  ✓ No account required   ✓ Free for Partner+ clients  │  │
│  │  ✓ Submit and forget     ✓ We handle everything       │  │
│  │  ✓ Optimized for Airbnb & VRBO                        │  │
│  │                                                       │  │
│  └─────────────────────────────────────────────────────┘    │
└─────────────────────────────────────────────────────────────┘
```

Key Elements:

- Clean, professional design with #383D31 brand color
- Listing Lift logo (bear motif, matching Retreat brand)
- Clear value proposition: "Submit and forget—we handle everything"
- **Removed:** "Results in 24-48 hours" (replaced with submit-and-forget messaging)
- Mobile-first responsive design

Page 2: Contact Information

```
[Listing Lift Logo]         Step 1 of 9: Your Information

Tell us about yourself and your property


  Full Name *
  [_____]

  Email Address *
  [_____]

  Phone Number *
  [_____]

  Property Address *
  [_____]
  [_____]
  [City_____] [Province/State__] [Postal/ZIP____]

  Notes (Optional)
  [_____]
  [_____]
  Any special requests or information about your property


              [ Continue to Tips → ]
```

Page 3: General Photography Tips

```
[Listing Lift Logo]        Step 2 of 9: Photography Tips


📷 Quick Tips for Great Photos


 THE 5-PHOTO RULE
 Your first five listing photos should be a diverse
 highlight reel. Before shooting, identify your top 5:
 Hero shot, Living Room, Master Bed, Kitchen, Key Amenity

 WHAT AI CAN FIX ✓
 • Dark photos → brightened
 • Tilted framing → straightened
 • Overcast skies → blue sky
 • Wrinkly beds → smoothed
 • Reflections → removed

 WHAT AI CANNOT FIX x (Reshoot Required)
 • Blurry/motion blur photos
 • Bad composition/wrong angle
 • Complex clutter (remove physically)

 LIGHTING TIPS
 • Open ALL blinds and curtains
 • Best time: 10 AM - 3 PM for interiors
 • Avoid using only ceiling lights


[ ← Back ]               [ Begin Uploading Photos → ]
```

Pages 4-9: Room Upload Pages (Template with Embedded Video)

```
┌──────────────────────────────────────────────────┐
│ [Listing Lift Logo]        Step 4 of 9: Kitchen Photos │
├──────────────────────────────────────────────────┤

   🎥 WATCH: How to Take Great Kitchen Photos
   ┌────────────────────────────────────────────┐
   │                                            │
   │         [Embedded YouTube Video]           │
   │         https://youtu.be/g1HYNpO2ntk       │
   │                                            │
   └────────────────────────────────────────────┘

   💡 Quick Tips for Kitchen Photos              [▼]
   • Shoot at chest height (6" above counter)
   • First: Clear counters, take general layout shots
   • Then: Stage with appliances, pots, pans for
     "ready-to-cook" shots
   • Include vent hood in cooking station shots
   • Open blinds for natural light
   • Remove magnets and papers from fridge

Upload 4-8 Kitchen Photos (recommended)
   ┌────────────────────────────────────────────┐
   │  ┌─────┐  ┌─────┐  ┌─────┐  ┌─────┐  ┌─────┐ │
   │  │  +  │  │ img │  │ img │  │     │  │     │ │
   │  │ Add │  │  ⊠  │  │  ⊠  │  │     │  │     │ │
   │  └─────┘  └─────┘  └─────┘  └─────┘  └─────┘ │
   │                                            │
   │    Drag & drop photos here or tap to select │
   │    Supported: HEIC, JPEG, PNG, WebP        │
   └────────────────────────────────────────────┘

 [ ← Back ]                    [ Next: Bedroom → ]
```
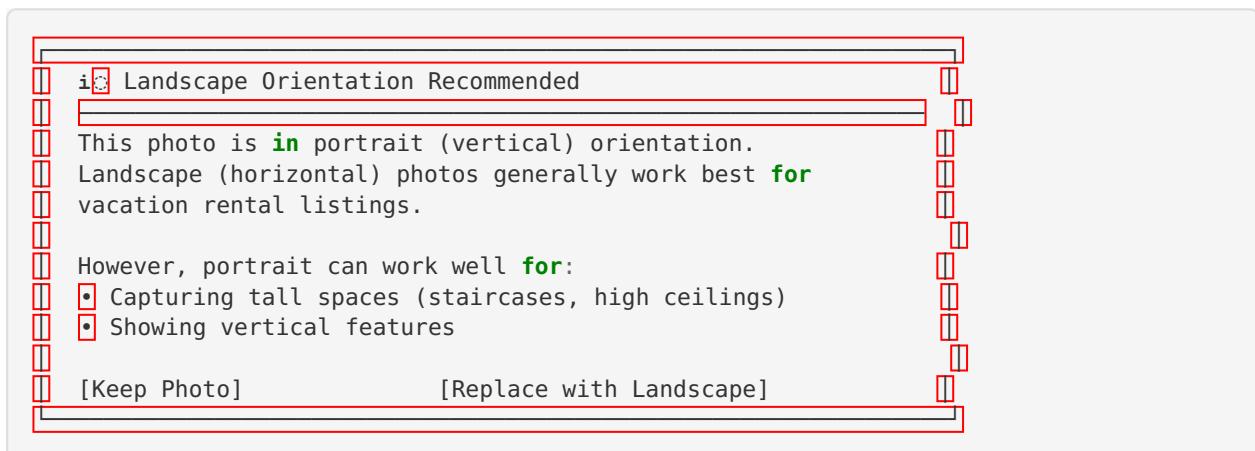
Tutorial Video Links by Room:

Room	YouTube Tutorial
Living Room	https://youtu.be/QJrm6URR5OA
Kitchen	https://youtu.be/g1HYNpO2ntk
Bedroom	https://youtu.be/xGbUSzszzQY
Bathroom	https://youtu.be/fffuvXLqVDg
Outdoor/Curb	https://youtu.be/_x4f59c5KSs
Pool	https://youtu.be/T_y8tAsg3II

"Other Rooms" Guidance (displayed on relevant pages):

Room Type	Upload Location	Sub-Category
Foyer / Entryway	Living Spaces	Living Room
Dining Room	Living Spaces	Dining Room / Dining Area
Home Theater / Game Room	Living Spaces	Living Room
Laundry Room	Bathroom	(default)
Sheds / Storage	Exterior	Miscellaneous
Pathways / Driveways	Exterior	Miscellaneous

Portrait Photo Notice (Non-Blocking)

```
┌──────────────────────────────────────────┐
│  i  Landscape Orientation Recommended      │
│  ┌──────────────────────────────────────┐ │
│  This photo is in portrait (vertical) orientation. │
│  Landscape (horizontal) photos generally work best for │
│  vacation rental listings.                 │
│                                            │
│  However, portrait can work well for:      │
│  • Capturing tall spaces (staircases, high ceilings) │
│  • Showing vertical features               │
│                                            │
│  [Keep Photo]          [Replace with Landscape] │
└──────────────────────────────────────────┘
```

7.2 Admin Dashboard Interface

Dashboard: Submission Detail View (Per-Photo Controls)

[← Back to List] Submission #2026-0205-001   🟡 NEW

CONTACT INFO   HOMEOWNER NOTES
Sarah Mitchell   "Please focus on making the
sarah@email.com   living room look spacious.
(555) 123-4567   The fireplace is a key feature."

PROPERTY
123 Beach Drive
Malibu, CA 90265   AI MODEL SETTINGS
                                   Current: FLUX.2 [Pro]   [Edit]
Submitted: Feb 5, 2026
Photos: 24 total

KITCHEN (6 photos)   [☑ Select All in Room]

Photo 1 of 6: kitchen_001.jpg

  ORIGINAL   ENHANCED

                                              [⭐ Set Hero]
     Kitchen 1   ←→   Kitchen 1   [📷 Detail Shot]
                                              [↓ Download]
                                              [🔍 Full View]

  ENHANCEMENT SETTINGS (This Photo)

   Intensity: [Light] [MODERATE] [Significant]

   ☑ Sky Replacement   ☑ Window Recovery   ☑ Brightness
   ☐ Bed Fixing   ☑ Perspective   ☑ Reflection

   Additional Notes: [_____]

   [Re-run Enhancement] (uses original photo)

  VERSION HISTORY: v1 (current) | v0 (original run)

  PHOTO ACTIONS:
  [✓ Approve] [✗ Reject] [↻ Request Re-upload]

  Rejection/Re-upload Notes: [_____]

[◄ Kitchen 1] [Kitchen 2] [Kitchen 3] [Kitchen 4] [Kitchen 5] [Kitchen 6►]

BEDROOM (5 photos)   [☑ Select All in Room]
... (similar per-photo layout)

BATCH ACTIONS

```
   [📥 Download All (ZIP)]
   ZIP Structure: /originals/  /enhanced/  /hero/

   [✉ Send Notification Email]
```
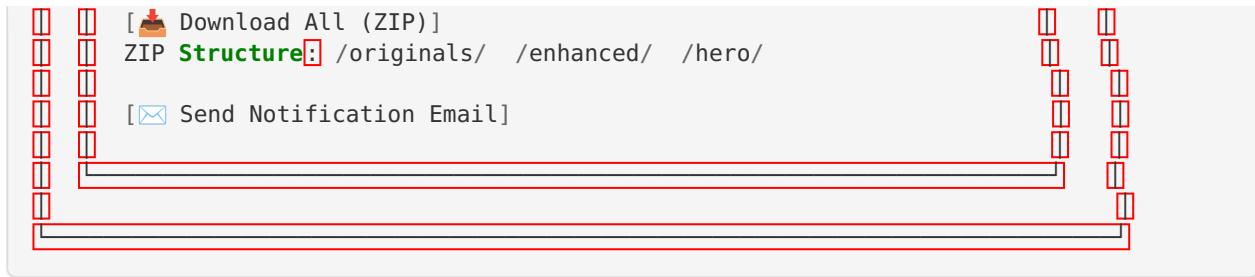
Photo Actions Clarification

Action	When to Use	What Happens
Approve	Photo is good, will be used in listing	Photo marked approved, included in final delivery
Reject	Photo doesn't add value to the listing	Photo excluded, homeowner informed which photos were not used and why
Request Re-upload	Photo could be valuable but needs to be retaken better	Email sent to homeowner with specific photo and instructions on how to retake

Key Points:
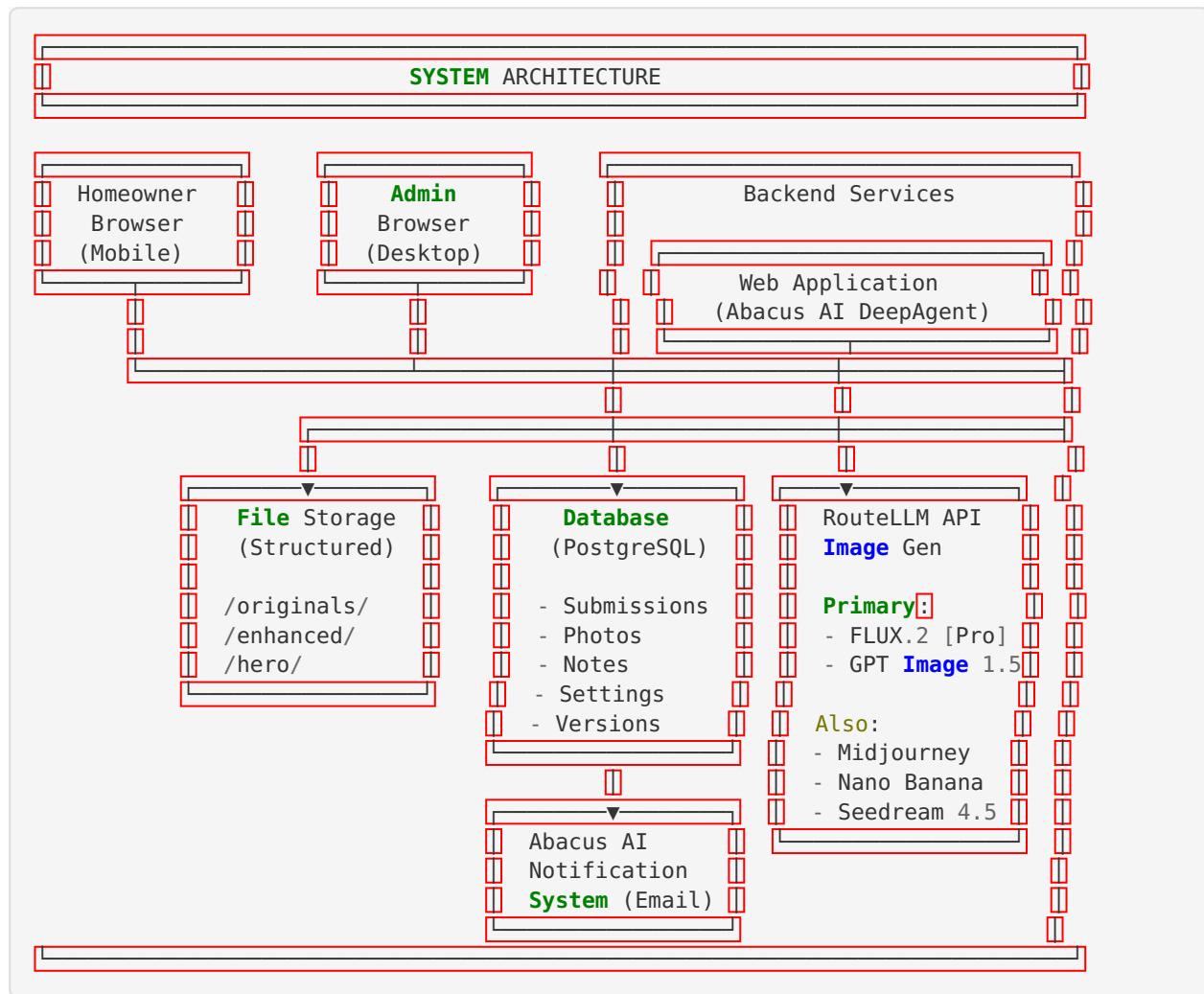
- All actions are **per photo**
- **"Select All in Room"** option for batch operations
- Rejection notes explain WHY the photo wasn't useful
- Re-upload notes explain HOW to retake the photo

7.3 Mobile Considerations

Aspect	Implementation
Touch Targets	Minimum 44x44px for all buttons and interactive elements
Photo Upload	Direct camera access + gallery selection
File Formats	HEIC, JPEG, PNG, WebP (all smartphone formats)
Form Fields	Full-width inputs, appropriate keyboard types (email, tel)
Navigation	Sticky bottom navigation for multi-step form
Image Preview	Swipeable gallery with pinch-to-zoom
Progress Saving	Auto-save progress to prevent data loss
Offline Handling	Queue uploads when connection restored

8. Technical Architecture

8.1 System Overview

```
┌──────────────────────────────────────────────────────────────┐
│                    SYSTEM ARCHITECTURE                        │
└──────────────────────────────────────────────────────────────┘

┌──────────────┐  ┌──────────────┐  ┌──────────────────────────┐
│ Homeowner    │  │   Admin      │  │      Backend Services    │
│ Browser      │  │   Browser    │  │ ┌──────────────────────┐ │
│ (Mobile)     │  │  (Desktop)   │  │ │   Web Application    │ │
└──────────────┘  └──────────────┘  │ │ (Abacus AI DeepAgent)│ │
        │                 │         │ └──────────────────────┘ │
        │                 │         │                          │
        └─────────────────┴─────────┴──────────────────────────┘
                                │
                ┌───────────────┴──────────────┐
                ▼               ▼               ▼
┌──────────────────┐  ┌──────────────────┐  ┌──────────────────┐
│ File Storage     │  │   Database       │  │ RouteLLM API     │
│ (Structured)     │  │ (PostgreSQL)     │  │ Image Gen        │
│                  │  │                  │  │                  │
│ /originals/      │  │ - Submissions    │  │ Primary:         │
│ /enhanced/       │  │ - Photos         │  │ - FLUX.2 [Pro]   │
│ /hero/           │  │ - Notes          │  │ - GPT Image 1.5  │
└──────────────────┘  │ - Settings       │  │                  │
                      │ - Versions       │  │ Also:            │
                      └──────────────────┘  │ - Midjourney     │
                                │           │ - Nano Banana    │
                                ▼           │ - Seedream 4.5   │
                      ┌──────────────────┐  └──────────────────┘
                      │ Abacus AI        │
                      │ Notification     │
                      │ System (Email)   │
                      └──────────────────┘
```

8.2 AI Image Enhancement Models
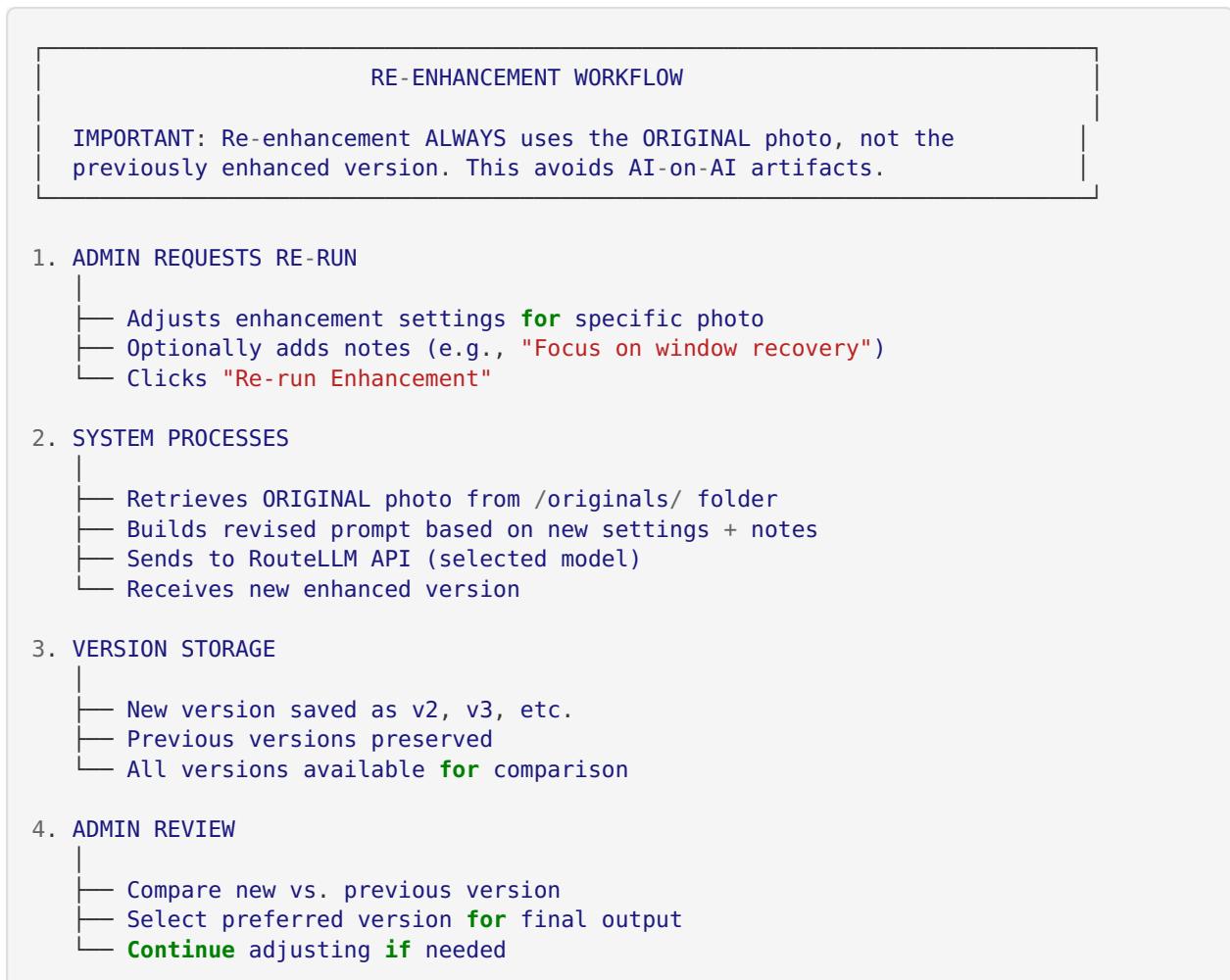
Available via RouteLLM API:

Model	Best For	Notes
FLUX.2 [Pro]	Photorealistic enhancement	**Recommended Primary** - Excellent for property photos
GPT Image 1.5	Photorealistic enhancement	**Recommended Alternative** - Great for natural improvements
Nano Banana / Nano Banana Pro	Fast processing	Gemini-based, good for quick iterations
Midjourney	Stylized results	May be too artistic for accurate representation
Seedream 4.5	Creative enhancement	Good for dramatic looks

Admin Configuration:

- Model selection available in admin settings
- Can switch models per submission or globally
- A/B testing capability for comparing model outputs

8.3 Re-Enhancement Workflow

```
┌──────────────────────────────────────────────────────────────────────┐
│                      RE-ENHANCEMENT WORKFLOW                           │
│                                                                        │
│   IMPORTANT: Re-enhancement ALWAYS uses the ORIGINAL photo, not the    │
│   previously enhanced version. This avoids AI-on-AI artifacts.         │
└──────────────────────────────────────────────────────────────────────┘


1. ADMIN REQUESTS RE-RUN
   │
   ├── Adjusts enhancement settings for specific photo
   ├── Optionally adds notes (e.g., "Focus on window recovery")
   └── Clicks "Re-run Enhancement"

2. SYSTEM PROCESSES
   │
   ├── Retrieves ORIGINAL photo from /originals/ folder
   ├── Builds revised prompt based on new settings + notes
   ├── Sends to RouteLLM API (selected model)
   └── Receives new enhanced version

3. VERSION STORAGE
   │
   ├── New version saved as v2, v3, etc.
   ├── Previous versions preserved
   └── All versions available for comparison

4. ADMIN REVIEW
   │
   ├── Compare new vs. previous version
   ├── Select preferred version for final output
   └── Continue adjusting if needed
```

8.4 Data Storage Structure

```
/storage/
├── submissions/
│   └── {submission_id}/
│       ├── originals/
│       │   ├── kitchen/
│       │   │   ├── kitchen_001.jpg
│       │   │   └── kitchen_002.jpg
│       │   ├── bedroom/
│       │   ├── living_room/
│       │   ├── bathroom/
│       │   ├── pool_hot_tub/
│       │   └── exterior/
│       ├── enhanced/
│       │   ├── v1/                      # First enhancement run
│       │   │   ├── kitchen/
│       │   │   │   ├── kitchen_001_enhanced.jpg
│       │   │   │   └── kitchen_002_enhanced.jpg
│       │   │   └── ...
│       │   └── v2/                      # Re-run with different settings
│       │       └── kitchen/
│       │           └── kitchen_001_enhanced.jpg  # Only re-run photos
│       ├── hero/
│       │   └── hero_photo.jpg           # Hero-optimized version
│       └── detail_shots/
│           └── living_room_coffee_table_detail.jpg
└── temp/                                # Temporary upload storage
```

8.5 Email Notification System

Using: Built-in Abacus AI Notification System (no external API needed)

Event	Recipient	Content
Submission Received	Homeowner	"Thank you for submitting your photos! We've received [X] photos for [Property Address]. We'll handle everything from here—sit back and relax!"
Submission Received	Admin (dan@retreatvr.ca)	Homeowner name, property address, photo count, direct link to dashboard
Photos Approved	Homeowner	"Great news! Your enhanced photos are ready and will be implemented into your listing by Retreat Vacation Rentals. You'll see them live soon!"
Photo(s) Rejected	Homeowner	"We reviewed your submission and have a few notes: [List of rejected photos with reasons]. These photos won't be included in your listing."
Re-upload Requested	Homeowner	"A few photos could really shine with a retake: [List of photos with specific retake instructions]. Click here to upload replacements."

9. Image Specifications

9.1 Input Requirements

Specification	Requirement
Supported Formats	HEIC, JPEG, PNG, WebP
Minimum Resolution	1920 x 1080 pixels
Recommended Resolution	3000 x 2000 pixels or higher
Orientation	Landscape (horizontal) preferred; portrait accepted with notice
Maximum File Size	25MB per image
Color Space	sRGB

9.2 Output Specifications

Specification	Standard Output	Hero Output
Format	JPEG (optimized)	JPEG (optimized)
Resolution	3000 x 2000 px	4000 x 2667 px
Target File Size	~2-3 MB	~3-4 MB
Quality	85% JPEG	90% JPEG
Color Profile	sRGB embedded	sRGB embedded

Note: File sizes optimized for Airbnb to avoid aggressive platform compression while maintaining fast load times.

9.3 Validation Rules

Issue	Action
Resolution < 1920x1080	Warning: "This photo may appear blurry when enhanced"
File size > 25MB	Reject with message: "Please reduce file size"
Portrait orientation	Gentle notice (see UI section) - NOT rejected
Unsupported format	Reject with message: "Please upload HEIC, JPEG, PNG, or WebP"
Severely blurry	Flag for admin review
Extremely dark	Flag for admin review

10. Data Model

10.1 Database Schema (PostgreSQL)

```sql
-- Submissions table
CREATE TABLE submissions (
    id UUID PRIMARY KEY,
    submission_number VARCHAR(20) UNIQUE NOT NULL,
    homeowner_name VARCHAR(255) NOT NULL,
    homeowner_email VARCHAR(255) NOT NULL,
    homeowner_phone VARCHAR(50) NOT NULL,
    property_address TEXT NOT NULL,
    homeowner_notes TEXT,
    status VARCHAR(50) DEFAULT 'new',
    ai_model VARCHAR(100) DEFAULT 'flux2_pro',
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    updated_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);

-- Photos table
CREATE TABLE photos (
    id UUID PRIMARY KEY,
    submission_id UUID REFERENCES submissions(id),
    room_category VARCHAR(50) NOT NULL,          -- Main category (kitchen, liv-
ing_spaces, exterior, etc.)
    room_subcategory VARCHAR(50),                 -- Sub-category (living_room, din-
ing_room, building_exterior, etc.)
    original_filename VARCHAR(255) NOT NULL,
    original_path TEXT NOT NULL,
    enhanced_path TEXT,
    hero_path TEXT,
    detail_shot_path TEXT,
    detail_shot_note TEXT,
    is_hero BOOLEAN DEFAULT FALSE,
    status VARCHAR(50) DEFAULT 'pending',
    rejection_reason TEXT,
    reupload_instructions TEXT,
    current_version INTEGER DEFAULT 1,
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);

-- Photo versions table (for re-run history)
CREATE TABLE photo_versions (
    id UUID PRIMARY KEY,
    photo_id UUID REFERENCES photos(id),
    version_number INTEGER NOT NULL,
    enhanced_path TEXT NOT NULL,
    enhancement_settings JSONB,
    additional_notes TEXT,
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);

-- Enhancement settings table
CREATE TABLE enhancement_settings (
    id UUID PRIMARY KEY,
    photo_id UUID REFERENCES photos(id),
    intensity VARCHAR(20) DEFAULT 'moderate',
    sky_replacement BOOLEAN DEFAULT TRUE,
    bed_fixing BOOLEAN DEFAULT TRUE,
    window_recovery BOOLEAN DEFAULT TRUE,
    perspective_correction BOOLEAN DEFAULT TRUE,
    reflection_removal BOOLEAN DEFAULT TRUE,
    brightness_color BOOLEAN DEFAULT TRUE,
    additional_notes TEXT,
    updated_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
```

```
-- Admin notes table
CREATE TABLE admin_notes (
    id UUID PRIMARY KEY,
    submission_id UUID REFERENCES submissions(id),
    note_text TEXT NOT NULL,
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);

-- Email logs table
CREATE TABLE email_logs (
    id UUID PRIMARY KEY,
    submission_id UUID REFERENCES submissions(id),
    email_type VARCHAR(50) NOT NULL,
    recipient_email VARCHAR(255) NOT NULL,
    sent_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    status VARCHAR(50) DEFAULT 'sent'
);
```

10.2 Room Types and Sub-Categories Enum

```
-- Main room categories (upload pages)
CREATE TYPE room_category AS ENUM (
    'kitchen',
    'bedroom',
    'living_spaces',
    'bathroom',
    'pool_hot_tub',
    'exterior'
);

-- Sub-categories for rooms with multiple types
CREATE TYPE room_subcategory AS ENUM (
    -- Living Spaces sub-categories
    'living_room',
    'dining_room',

    -- Exterior sub-categories
    'building_exterior',
    'lawn_backyard',
    'miscellaneous_exterior',

    -- For rooms without sub-categories, use NULL or 'default'
    'default'
);
```

Sub-Category Mapping:

Room Category	Sub-Categories	Prompt Applied
Kitchen	(none)	Kitchen Enhancement Prompt
Bedroom	(none)	Bedroom Enhancement Prompt
Living Spaces	Living Room	Living Room Enhancement Prompt
Living Spaces	Dining Room / Dining Area	Dining Room Enhancement Prompt
Bathroom	(none)	Bathroom Enhancement Prompt
Pool/Hot Tub	(none)	Pool/Hot Tub Enhancement Prompt
Exterior	Building Exterior	Building Exterior Enhancement Prompt
Exterior	Lawn / Backyard	Lawn/Backyard Enhancement Prompt
Exterior	Miscellaneous	Miscellaneous Exterior Enhancement Prompt

10.3 Status Enums

```sql
-- Submission status
CREATE TYPE submission_status AS ENUM (
    'new',
    'processing',
    'ready_for_review',
    'approved',
    'partially_approved',
    'rejected',
    'reupload_requested'
);

-- Photo status
CREATE TYPE photo_status AS ENUM (
    'pending',
    'processing',
    'enhanced',
    'approved',
    'rejected',
    'reupload_requested'
);
```

11. Testing Plan

11.1 Testing Philosophy

Extensive review and debugging is critical. All features should be tested thoroughly before deployment, with particular attention to edge cases and user experience across devices.

11.2 Functional Testing

Test Category	Test Cases
Photo Upload	- Single photo upload - Multiple photos at once - All supported formats (HEIC, JPEG, PNG, WebP) - Large file handling - Mobile camera direct upload - Drag-and-drop (desktop)
Form Validation	- Required field enforcement - Email format validation - Phone format validation - Notes field (optional)
Enhancement Processing	- Each room type processes correctly - All intensity levels work - Individual toggles function - Re-run uses original photo
Per-Photo Actions	- Approve individual photo - Reject with reason - Request re-upload with instructions - Select-all per room
Email Notifications	- Submission confirmation to homeowner - Submission notification to admin - Approval notification - Rejection notification with details - Re-upload request with instructions
Download	- Individual photo download - Batch ZIP download - ZIP structure (/originals/, /enhanced/, /hero/) - File sizes ~2-3MB
Hero Photo	- Selection works - Badge shows in UI only (not in file) - Higher resolution generated - Appears in /hero/ folder
Detail Shots	- Admin can mark for detail - Note field works - AI generates cropped version

11.3 Edge Cases to Test

Edge Case	Expected Behavior
Portrait photo uploaded	Show gentle notice, allow upload
Very small image (< 1920x1080)	Warning shown, allow upload with flag
Very large file (> 25MB)	Reject with clear message
Unsupported format	Reject with format requirements
Severely blurry image	Flag for admin review
Extremely dark image	Flag for admin review
Network interruption during upload	Queue and retry when connection restored
Session timeout	Auto-save progress, allow resume
Re-enhancement on previously enhanced	System uses original, not enhanced version
All photos in room rejected	Appropriate messaging to homeowner

11.4 Mobile Testing

Device/Browser	Tests
iPhone Safari	Full submission flow, camera access, form usability
iPhone Chrome	Full submission flow, photo upload
Android Chrome	Full submission flow, camera access
Android Firefox	Basic functionality
Tablet (iPad)	Layout, touch targets, upload flow

11.5 Performance Testing

Metric	Target
Page load time	< 3 seconds
Photo upload (per image)	< 10 seconds for 5MB file
Enhancement processing	< 60 seconds per photo
ZIP download generation	< 30 seconds for 25 photos

11.6 Review & Debugging Process

1. **Development Testing:** Test each feature as built
2. **Integration Testing:** Test complete flows end-to-end
3. **User Acceptance Testing:** Have Daniel test admin workflow
4. **Beta Testing:** Test with 2-3 real homeowner submissions
5. **Bug Tracking:** Document all issues found
6. **Regression Testing:** Re-test after each fix
7. **Performance Monitoring:** Track processing times and errors post-launch

12. Changelog

Version 2.1 (February 5, 2026)

Summary: Major update to room categories with sub-categories and strengthened prompt accuracy requirements based on competitor testing feedback.

Room Category Restructuring

- ✅ **"Living Room" renamed to "Living Spaces"** with two sub-categories:
- Living Room (main living area, foyer, home theater, game room)
- Dining Room / Dining Area (formal dining, breakfast nook)
- ✅ **"Exterior" restructured** with three sub-categories:
- Building Exterior (curb appeal, front of house, architectural shots)
- Lawn / Backyard (landscaping, outdoor living spaces, gardens)
- Miscellaneous (sheds, pathways, garages, driveways, other features)
- ✅ Users select sub-category for each photo on upload page
- ✅ Appropriate enhancement prompt applied based on sub-category selection

New Enhancement Prompts Created

- ✅ **Dining Room / Dining Area Enhancement Prompt** - Tailored for dining spaces
- ✅ **Building Exterior Enhancement Prompt** - Focused on curb appeal and architecture
- ✅ **Lawn / Backyard Enhancement Prompt** - For outdoor living spaces and landscaping
- ✅ **Miscellaneous Exterior Enhancement Prompt** - For secondary outdoor features

Critical Accuracy Requirements Added (All Prompts)

Based on competitor testing (BnB Photo Factory) revealing AI tendency to add non-existent elements:
- ✅ **Added prominent warning block** to ALL enhancement prompts
- ✅ **Explicit "DO NOT" instructions** added:
- DO NOT add any windows, doors, or architectural elements not in original
- DO NOT change, replace, or alter any furniture - only enhance appearance
- DO NOT add any objects, decorations, or features not present
- PRESERVE exact layout, furniture placement, and architectural features
- ✅ **Guest expectation reminder** in all prompts: "The enhanced photo must accurately represent the actual space - guests will visit this property"
- ✅ **Exception clarified**: Towels and toilet paper may be added in bathrooms only

Database Schema Updates

- ✅ Photos table updated with `room_category` and `room_subcategory` fields

- ✅ New enum types for room categories and sub-categories
- ✅ Sub-category mapping table added for prompt selection

User Flow Updates

- ✅ Updated submission flow to reflect sub-category selection on Living Spaces and Exterior pages

---

Version 2.0 (February 5, 2026)

Summary: Comprehensive update incorporating all user feedback from initial review.

Branding & Identity

- ✅ **App renamed** to "Listing Lift by Retreat Vacation Rentals" (or "Listing Lift by RVR")
- ✅ **Brand color** confirmed: #383D31 (dark green)
- ✅ **Admin email** confirmed: dan@retreatvr.ca
- ✅ **"Partner+"** corrected from "Partner Plus" throughout
- ✅ **Removed** "Results in 24-48 hours" messaging
- ✅ **Added** "Submit and forget—we handle everything" value proposition
- ✅ **Logo note** added: Simple Listing Lift logo needed (bear motif, matching Retreat brand)

Technical Stack

- ✅ **Database** confirmed: Built-in PostgreSQL (not Airtable)
- ✅ **Email system** confirmed: Built-in Abacus AI notification system (no external API)
- ✅ **AI models** documented: FLUX.2 [Pro] and GPT Image 1.5 recommended as primary options
- ✅ **Model switching** capability added to admin settings

Photography Tips

- ✅ **General photography tips section** added BEFORE room-specific uploads
- ✅ **The 5-Photo Rule** explained (diverse highlight reel)
- ✅ **What AI can vs. cannot fix** clearly documented
- ✅ **Lighting and time of day tips** added
- ✅ **Paired down tips** to focus on what AI cannot fix

Room Categories & Tips

- ✅ **Pool/Hot Tub** added as new upload category
- ✅ **Photo count** changed from 1-5 to **4-8 shots per room**
- ✅ **Kitchen tips** expanded: medium shots, appliances, pots/pans staging
- ✅ **Bedroom tips** expanded: texture shots, tight tucking, shooting through doorways
- ✅ **Living Room tips** expanded: eye candy staging, rule of thirds explanation, mood consistency
- ✅ **Bathroom tips** expanded: camera height, show amenities
- ✅ **Outdoor tips** expanded: curiosity hero concept, seasonality, prop movement
- ✅ **"Other rooms" guidance** added (Foyer → Living Room, Dining → Living/Kitchen, etc.)
- ✅ **Laundry Room** guidance: upload under Bathroom category

Photo Handling

- ✅ **Portrait photos** no longer rejected—show gentle notice instead
- ✅ **File formats** specified: HEIC, JPEG, PNG, WebP (all smartphone formats)
- ✅ **File sizes** optimized: ~2-3MB per image for Airbnb compatibility

Enhancement Settings

- ✅ **Per-photo settings** clarified (not just batch)
- ✅ **"Select All in Room"** option added for efficiency
- ✅ **Individual photo re-run** capability documented
- ✅ **Version preservation** for comparison between runs
- ✅ **Re-enhancement** confirmed to use ORIGINAL photo (not enhanced version)

Photo Actions

- ✅ **Actions clarified** as PER PHOTO with select-all option:
- Approve: Photo is good, will be used
- Reject: Photo doesn't add value, won't be included (inform client)
- Request Re-upload: Photo could be valuable but needs retaking (include notes)
- ✅ **Rejection workflow** clarified: homeowner informed which photos and why
- ✅ **Re-upload workflow** clarified: specific instructions on how to retake

Hero Photo

- ✅ **Badge confirmed** as UI indicator only—NOT embedded in actual photo file

Download Organization

- ✅ **ZIP structure** specified: /originals/, /enhanced/, /hero/

New Features

- ✅ **Homeowner notes field** added to submission form
- ✅ **Close-up/detail shot enhancement** feature added (manual admin action)

Email Notifications

- ✅ **Submission emails** documented (confirm to homeowner, notify admin)
- ✅ **Approval emails** documented (photos ready, will be implemented)
- ✅ **Rejection emails** documented (specific photos, reasons)
- ✅ **Re-upload emails** documented (specific photos, how to retake)

AI Prompts

- ✅ **Added clause** to all prompts: "unless specifically stated in additional enhancement notes"
- ✅ **Bathroom prompt** strengthened: preserve ALL fixtures, flooring, layout accurately
- ✅ **All prompts** now emphasize accurate representation to avoid guest complaints
- ✅ **Pool/Hot Tub prompt** added (new category)
- ✅ **Detail Shot prompt** added (for close-up feature shots)

Tutorial Videos

- ✅ **YouTube links embedded** for all room types:
- Living Room: https://youtu.be/QJrm6URR5OA
- Kitchen: https://youtu.be/g1HYNpO2ntk
- Bedroom: https://youtu.be/xGbUSzszzQY
- Bathroom: https://youtu.be/fffuvXLqVDg
- Outdoor Curb: https://youtu.be/_x4f59c5KSs
- Outdoor Pool: https://youtu.be/T_y8tAsg3II

Testing & Documentation

- ✅ **Testing plan** expanded with extensive review emphasis

- ✅ **Edge cases** documented
- ✅ **Mobile testing** requirements added

Appendix: Items Requiring Action

From Daniel / RVR

Item	Status	Notes
Listing Lift Logo	✅ Complete	Camera aperture with house/cabin silhouette - stored at `/home/ubuntu/list-ing_lift_logos/list-ing_lift_logo_final.png`
Final approval of this spec	☐ Pending	Review this document and confirm ready to proceed

Technical Setup (Handled by DeepAgent)

Item	Status	Notes
PostgreSQL database	☐ To be created	Built-in Abacus AI
Email notification system	☐ To be configured	Built-in Abacus AI
RouteLLM API integration	☐ To be configured	FLUX.2 [Pro] as primary
File storage structure	☐ To be created	/originals/, /enhanced/, /hero/

Document Version 2.0 - Updated February 5, 2026

Prepared by DeepAgent for Retreat Vacation Rentals