

Storyboards for Image Processing Pipeline MVP

Storyboard 1: Sarah's Weekend Photo Upload

Persona: Sarah Chen - Hobby Photographer

Goal: Upload and organize photos from her weekend hiking trip to Mt. Rainier

Scene 1: Arriving Home

- **Context:** Sarah just returned from a weekend hiking trip with 150+ photos
- **Motivation:** She wants to quickly process and organize photos to share with friends
- **Action:** Opens ImageFlow website

Wireframe State: Landing Page

- Sarah sees the homepage
 - Clicks "Start Upload" button
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Scene 2: Beginning Upload

- **Context:** Sarah is redirected to the upload page
- **Motivation:** Upload all photos at once
- **Action:** Opens file browser and selects photos from her camera's SD card

Wireframe State: Upload Page (Initial)

- Drag-and-drop area is prominent
 - Sarah clicks "browse" and selects 150 photos
 - System begins upload
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Scene 3: Monitoring Progress

- **Context:** Photos are uploading and processing
- **Motivation:** Ensure everything is working properly
- **Action:** Watches progress, grabs a coffee

Wireframe State: Upload Page (Processing)

- Progress bars show individual file uploads
- Processing steps indicator shows current stage

- Sarah sees "Generating thumbnails..." status
 - Some images show "Complete" status
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Scene 4: Exploring Results

- **Context:** All photos are processed
- **Motivation:** See how photos were organized
- **Action:** Clicks "View Processed Images"

Wireframe State: Gallery View

- Grid shows all uploaded photos
 - Tags visible: "mountain", "forest", "lake", "hiking"
 - Sarah hovers over images to see quick actions
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Scene 5: Finding Specific Photo

- **Context:** Sarah remembers a great sunset shot
- **Motivation:** Find and share specific photo
- **Action:** Uses search bar

Wireframe State: Search Results

- Types "sunset mountain" in search
 - Results show 12 matching images
 - Finds the exact photo she wanted
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Scene 6: Sharing the Photo

- **Context:** Found the perfect sunset photo
- **Motivation:** Download right size for Instagram
- **Action:** Clicks on image for details

Wireframe State: Image Detail View

- Sees full-size image
- Clicks "Download" dropdown
- Selects "Instagram (1080x1080)"

- Downloads processed version

Outcome: Sarah successfully uploaded, organized, and found her photos in under 10 minutes

Storyboard 2: Marcus's Client Project

Persona: Marcus Rodriguez - Content Creator

Goal: Process product photos for client's e-commerce site

Scene 1: New Client Request

- **Context:** Client sent 50 product photos needing consistent processing
- **Motivation:** Quick turnaround for client satisfaction
- **Action:** Logs into ImageFlow

Wireframe State: Landing Page (Logged In)

- Sees "Welcome back, Marcus"
 - Clicks "Upload" in navigation
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Scene 2: Bulk Upload

- **Context:** Has folder of product images
- **Motivation:** Process all at once
- **Action:** Drags entire folder to upload area

Wireframe State: Upload Page (Initial → Processing)

- Drags folder with 50 images
 - All files appear in upload queue
 - Processing begins automatically
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Scene 3: Reviewing Processing

- **Context:** Images are being processed
- **Motivation:** Ensure consistent results
- **Action:** Monitors progress

Wireframe State: Upload Page (Processing)

- Sees AI detecting "product", "white background", "electronics"

- Multiple size variants being created
 - Estimates 5 minutes for completion
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Scene 4: Quality Check

- **Context:** Processing complete
- **Motivation:** Verify quality before sending to client
- **Action:** Reviews processed images

Wireframe State: Gallery View (Filtered)

- Filters by "Today" to see only current batch
 - Views images in grid
 - Consistent thumbnails generated
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Scene 5: Bulk Download

- **Context:** Satisfied with processing quality
- **Motivation:** Download all variants for client
- **Action:** Selects multiple images

Wireframe State: Gallery View (Selection Mode)

- Checkbox appears on hover
- Selects all 50 images
- Clicks "Download Selected"
- Chooses "All Variants (ZIP)"

Outcome: Marcus processes 50 images in 15 minutes instead of 2 hours

Storyboard 3: Emma's Research Organization

Persona: Dr. Emma Thompson - Researcher

Goal: Find and organize coral reef photos from specific location

Scene 1: Research Need

- **Context:** Preparing presentation on coral bleaching
- **Motivation:** Find photos from Great Barrier Reef expedition

- **Action:** Accesses ImageFlow

Wireframe State: Landing Page

- Clicks "Gallery" knowing photos already uploaded
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Scene 2: Initial Search

- **Context:** Needs specific location photos
- **Motivation:** Find relevant research images
- **Action:** Uses search functionality

Wireframe State: Gallery View

- Clicks search bar
 - Types "coral reef"
 - 200+ results appear
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Scene 3: Refining Search

- **Context:** Too many results
- **Motivation:** Narrow to specific location
- **Action:** Adds location filter

Wireframe State: Search Results (Filtered)

- Clicks "Location" filter
 - Selects "Great Barrier Reef, Australia"
 - Results narrow to 45 images
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Scene 4: Identifying Species

- **Context:** Found relevant photos
- **Motivation:** Verify species identification
- **Action:** Checks individual photos

Wireframe State: Image Detail View

- Clicks on coral photo
- Sees AI tags: "coral", "underwater", "marine life"

- Adds manual tag: "Acropora cervicornis"
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Scene 5: Creating Collection

- **Context:** Found all needed photos
- **Motivation:** Save for presentation
- **Action:** Downloads selected images

Wireframe State: Gallery View (Selection)

- Selects 12 specific photos
- Downloads high-resolution versions
- Ready for presentation

Outcome: Emma found and organized research photos in 5 minutes

Key Interaction Patterns

Upload Flow

1. Click upload → Select files → Monitor progress → View results

Search Flow

1. Enter query → View results → Refine filters → Find target

Download Flow

1. Select image(s) → Choose variant → Download

Success Metrics

- Time to upload and process: < 1 minute per image
- Time to find specific image: < 30 seconds
- User satisfaction: Reduced workflow time by 75%