

Wireframe Annotations for Image Processing Pipeline MVP

Wireframe 1: Landing Page (Home)

Layout Elements:

- **Header (Top)**
 - Logo/App Name: "ImageFlow" (left)
 - Navigation: Home | Gallery | Upload | About (center)
 - User Account Icon (right)
- **Hero Section**
 - Headline: "Transform Your Photos with AI-Powered Processing"
 - Subheading: "Upload, process, and organize your images automatically"
 - CTA Button: "Start Upload" (primary action)
 - Secondary Button: "View Gallery"
- **Features Grid** (3 columns)
 - Auto-Tagging: Icon + "AI recognizes objects and scenes"
 - Smart Processing: Icon + "Generate thumbnails and apply filters"
 - Easy Search: Icon + "Find any photo in seconds"
- **Footer**
 - Copyright, Privacy Policy, Terms of Service

Annotations:

- Primary CTA directs to Upload page
 - Clean, minimal design to not overwhelm new users
 - Features section builds trust and explains value
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Wireframe 2: Upload Page (Initial State)

Layout Elements:

- **Header** (consistent across all pages)
- **Upload Area** (centered, large)
 - Dashed border box with cloud upload icon
 - Text: "Drag and drop images here or click to browse"

- Supported formats note: "JPG, PNG, GIF (Max 10MB per file)"
- Browse button
- **Recent Uploads** (bottom section)
 - Empty state: "No recent uploads"

Annotations:

- Drag-and-drop is primary interaction
 - Clear file type and size limits
 - Empty state guides new users
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Wireframe 3: Upload Page (Processing State)

Layout Elements:

- **Header** (consistent)
- **Upload Progress Area**
 - List of uploading files with progress bars
 - Each file shows:
 - Thumbnail preview
 - Filename
 - Progress bar (0-100%)
 - Status: "Uploading..." → "Processing..." → "Complete"
 - Cancel button (X)
- **Processing Steps Indicator**
 - Step 1: Upload ✓
 - Step 2: Generate Thumbnails (in progress)
 - Step 3: Apply AI Tagging
 - Step 4: Extract Metadata
- **Action Buttons**
 - "Add More Files" (secondary)
 - "View Processed Images" (primary, disabled until complete)

Annotations:

- Real-time progress feedback

- Users can add more files during processing
 - Clear indication of what's happening
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Wireframe 4: Gallery View (Grid Layout)

Layout Elements:

- **Header** (consistent)
- **Search and Filter Bar**
 - Search input: "Search by tags, date, or location..."
 - Filter dropdowns: Date Range | Tags | Location
 - View toggle: Grid | List
- **Image Grid** (4 columns on desktop)
 - Each image card shows:
 - Thumbnail image
 - Hover state: Quick actions (Download, View, Delete)
 - Bottom bar: Primary tags (2-3 visible)
 - Date uploaded
- **Pagination**
 - "Showing 1-20 of 156 images"
 - Page numbers: < 1 2 3 4 5 >

Annotations:

- Responsive grid adjusts to screen size
 - Hover reveals quick actions
 - Tags are clickable for filtering
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Wireframe 5: Image Detail View

Layout Elements:

- **Header** (consistent)
- **Main Content** (2-column layout) **Left Column (60%)**
 - Large image display
 - Image variant tabs: Original | Thumbnail | Filtered

- Download button with size options

Right Column (40%)

- Image Information Panel:
 - Filename
 - Upload date
 - File size
 - Dimensions
- Auto-Generated Tags:
 - Tag chips (removable)
 - "Add tag" input
- Metadata:
 - Camera info (if available)
 - Location (if available)
- Actions:
 - Download Original
 - Download All Variants
 - Delete Image
- **Related Images** (bottom)
 - "Similar images based on tags"
 - Horizontal scroll of thumbnails

Annotations:

- Users can switch between image variants
 - Tags are editable for correction
 - Related images encourage exploration
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Wireframe 6: Search Results Page

Layout Elements:

- **Header** (consistent)
- **Search Bar** (prominent)
 - Pre-filled with search query

- Clear button (X)
- **Results Summary**
 - "24 results for 'sunset beach'"
 - Sort by: Relevance | Date | Name
- **Results Grid**
 - Same layout as Gallery View
 - Highlighted matching tags
- **No Results State** (when applicable)
 - Icon of magnifying glass
 - "No images found for '[query]'"
 - Suggestions: "Try different keywords"

Annotations:

- Search persists for refinement
 - Clear visual feedback on matches
 - Helpful empty state
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Responsive Considerations

Mobile (Phone)

- Navigation becomes hamburger menu
- Upload: Full-screen drop zone
- Gallery: 2-column grid
- Image detail: Stacked layout (image on top, info below)

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- Navigation remains horizontal
- Gallery: 3-column grid
- Image detail: Maintains 2-column with adjusted proportions

Interaction States

- **Buttons:** Normal, Hover, Active, Disabled
- **Form inputs:** Empty, Focused, Filled, Error

- **Images:** Loading (skeleton), Loaded, Error (broken image icon)