Ko Lake Villa Gallery Test Plan

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| Test ID | Description | Expected Result | Type | A/B Variant |
| TC001 | Click 'Upload Image' and verify modal opens | Upload dialog should open | UI | A/B: Position of button (top vs bottom) |
| TC002 | Submit image with valid category and tags | Image saved and appears in gallery | Functionality | A/B: Tag input shown vs auto-tag only |
| TC003 | Submit image without selecting category | Validation error shown, no submission | Validation | None |
| TC004 | Delete image from admin panel | Image removed from database and UI | Functionality | None |
| TC005 | Filter images by 'Family Suite' category | Only family suite images displayed | Functionality | A/B: Dropdown vs tabbed filtering |
| TC006 | Check full-size image opens in modal on click | Image modal appears with correct content | UI | A/B: Lightbox vs fullscreen overlay |
| TC007 | AI auto-tagging with 'analyze-media' endpoint | Category + tags generated if confidence > 0.7 | AI Integration | A/B: Human entry vs AI-only input |
| TC008 | Gallery page mobile rendering | Responsive layout for 1-2 columns, all elements visible | Responsiveness | None |
| TC009 | Gallery grid lazy-loads or paginates | Performance maintained, no lag | Performance | A/B: Infinite scroll vs load-more button |
| TC010 | Drag and drop to reorder images | Images reorder, persisted on refresh | UI/UX | A/B: Drag handles vs grid reordering |