

US 2: Maintenance and Repair Request Form

Feature Title	Repair Request
Location	Aircraft detail page - Repairs
Description	<i>As a maintenance engineer, I want to submit repair requests for an aircraft so that repair activities can be tracked and managed.</i>
Acceptance Criteria	<p>(1) The page contains an "Add repair" button.</p> <p>(2) Clicking "Add repair" opens the Repair Request form.</p> <p>(3) Form Fields:</p> <p>(3.1) "Title" input field (required).</p> <p>(3.2) "Description" text area (required, minimum 150 characters).</p> <p>(3.3) "Affected Aircraft System" dropdown (required, contains all stored systems for the aircraft).</p> <p>(3.4) "Begin Date" input field (must not be earlier than today).</p> <p>(3.5) "Total Duration" input field (required).</p> <p>(3.6) "Submit" button.</p> <p>(3.7) "Cancel" button.</p> <p>(4) Validation:</p> <p>(4.1) If no title is provided, the validation message "This field is required." for the "Title" input field should be shown.</p> <p>(4.2) If the description has fewer than 150 characters, the validation message "Description must be at least 150 characters." for the "Description" text area should be shown.</p> <p>(4.3) If no system is selected, the validation message "This field is required." for the "Affected Aircraft System" dropdown should be shown.</p> <p>(4.4) If the begin date is earlier than today, the validation message "Begin Date cannot be earlier than today." for the "Begin Date" input field should be shown.</p> <p>(4.5) If no total duration is provided, the validation message "This field is required." for the "Total Duration" input field should be shown.</p> <p>(5) Actions:</p> <p>(5.1) Clicking "Submit" with valid data transmits the repair request and redirects the user to the aircraft detail page.</p> <p>(5.2) Clicking "Cancel" redirects the user to the aircraft detail page without submitting.</p>
