API Bug Reports – Restful Booker Project

This document contains documented bug reports identified during manual and automated API testing of the Restful Booker API using Postman. The testing focused on authentication, CRUD operations, validation, and security scenarios.

Bug #1 – Incorrect Status Code on Authentication Failure

Field	Details
Endpoint	POST /auth
Description	API returns 200 OK even when authentication fails
Steps	Send invalid credentials to /auth endpoint
Actual Result	200 OK with 'Bad credentials' message
Expected Result	401 Unauthorized with proper error handling
Severity	Medium
Priority	Medium

Bug #2 – Static Booking ID Handling

Field	Details
Endpoint	GET /booking/:id
Description	Booking ID is hardcoded instead of dynamically validated
Actual Result	API accepts static IDs without validation
Expected Result	404 Not Found for non-existing booking ID
Severity	Low
Priority	Low

Bug #3 – Missing Authorization Enforcement

Field	Details
Endpoint	PUT /booking/:id, DELETE /booking/:id
Description	Update/Delete operations may succeed without valid token
Actual Result	Unauthorized request behavior is inconsistent
Expected Result	403 Forbidden when token is missing or invalid
Severity	High
Priority	High