

## **Bug Report: Restful-Booker API**

1. Able to create a booking with invalid values for “depositpaid” (should be boolean) and “totalprice” (should be an integer).
2. If an integer is entered for any string fields, the API returns a 500 error instead of the expected 400 error.
3. The API accepts strings or integers in “checkin” and “checkout” fields instead of enforcing a date format.
4. Extreme values for “totalprice” are rounded up or default to the first digit.
5. Bookings can be created in the past and the API allows a “checkout” date that is earlier than the “checkin” date.

### **Steps to Reproduce:**

1. Create a booking with “depositpaid” as a string or non-boolean value.
2. Use a string for “totalprice”.
3. Enter non-date values for “checkin” and “checkout”.
4. Input extreme values for “totalprice”.
5. Attempt to create bookings with “checkin” in the past or “checkout” before “checkin”.

### **Expected Behavior:**

- The API should return appropriate error messages (400) for invalid inputs and enforce correct data types.
- “checkin” and “checkout” should only accept valid date formats.
- Prevent bookings with invalid date ranges.

### **Actual Behavior:**

- API allows creation with invalid parameters, leading to unintended behavior.