Bug Title:
Unoptimized Error Handling for Even Numbers

Summary:
System raises exceptions for even numbers instead of returning a structured error response.

Details:
Component/Area: Error Handling Module
Version: 1.0.7
Severity: Medium
Priority: High
Environment: Test Server

Description:
With response to endpoint 3, when the system encounters an even number, it currently raises an exception. This behavior is contributing to a higher server resource overhead due to the exception handling process. A more efficient approach would be to return a well-structured error response.

Steps to Reproduce:
Send a request to the server Endpoint 3 with an even number as an input.
Observe that the system raises an exception.

Expected Behavior:
The system should return a well-structured error response indicating that even numbers are not allowed or supported.

Actual Behavior:
The system raises an exception, consuming unnecessary server resources in the process.

Attachments:
Not Applicable

Notes:
Given the repetitive nature of this error and the associated resource overhead, it is recommended to address this bug in the next sprint for performance optimization.

Reported By:
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Date Reported:
09/03/2023