Intuji Assignment : Blog

This backend service was created with Node.js (Express) , RestApi and MongoDB, and it enables users to
- Get all blogs
- Get blog by Id
- Post blog
- Update blog
- Delete blog

Error handling together with some additional security measures

Postman API and Documentation Link:

https://documenter.getpostman.com/view/24028174/2s9YkrcfSD

ErrorHandaling

handleCastErrorDB: Handles MongoDB cast errors (e.g., invalid ObjectId), returning a user-friendly message with a 400 status code.

handleDublicateFieldsDB: Handles MongoDB duplicate field errors, extracting and reporting the duplicate value with a 400 status code.

Development (sendErrorDev): Sends detailed error information, including the stack trace, to help with debugging.

Production (sendErrorProd): Sends user-friendly messages for operational errors. Logs and sends a generic message for unknown errors to avoid exposing details.

Security

 I have done some security features like (in app.js file)

• Data sanitization against XSS , NoSQL query injection

• Prevent parameter pollution

• Implementing Rate Limiting

• Set security HTTP headers .

codeFactory

This file helps to follow DRY principle and helps to maintain clean and reusable code. I oversee all fundamental operations, such as creating, deleting, and retrieving specific or all data through this file.

Model /blogModel

I have formatted response :

```
{
    toJSON: {
      transform(doc, ret) {
        ret.id = ret._id;
        delete ret._id;
        delete ret.__v;
      },
    },
```