Test Assignment Report

Github: <https://github.com/Trickster442/Intuji>

For the task assigned to me, I created an API for the backend using JavaScript and MongoDB for the database.

Currently, only one table (the blog table) has been created to complete the task, but a category table has also been set up in case it is needed in the future.

For the category field in the blog table, an Enum is used to restrict the possible values to the following:

enum: ['Tech', 'Travel', 'Movie', 'Lifestyle', 'Food']

For updating a blog, the blog's ID is passed as a parameter (params) instead of in the request body to identify the blog.

For API testing, Postman was used, and a collection has been created and attached to the folder as well.

The task of finding a pair with a given sum in an array is implemented using Python. A class is created with two methods:

1. **sum\_of\_pair (num, target)**: This method finds a pair of numbers in the array that sum up to the target value. If no such pair is found, it prints "No pair found."
2. **main ()**: The main method prompts the user to input a list of numbers and a target value. It then calls the sum\_of\_pair() method to find and display the pair that sums up to the target.

Name:Sandip Magar

Gmail: [Sandip\_23189646@sunway.edu.np](mailto:Sandip_23189646@sunway.edu.np)