



## **TUGAS 12\_VALIDASI DATA DAN PENGELOLAAN ERROR**

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1. Code



```
1 const express = require('express');
2 const { body, validationResult } = require('express-validator');
3 const Joi = require('joi');
4
5 const app = express();
6 const port = 5000;
7
8 app.use(express.json());
9
10 const validateInput = [
11   body('username').isLength({ min: 5 }).withMessage('panjang username minimal 5 karakter'),
12   body('email').isEmail().withMessage('Format email tidak sesuai'),
13 ];
14
15 const validateInputJoi = (req, res, next) => {
16   const schema = Joi.object({
17     username: Joi.string().min(5).required(),
18     email: Joi.string().email().required(),
19   });
20
21   const { error } = schema.validate(req.body);
22   if (error) {
23     return res.status(400).json({ error: error.details[0].message });
24   }
25   next();
26 };
27
28 app.post('/user', validateInput, (req, res) => {
29   const errors = validationResult(req);
30   if (!errors.isEmpty()) {
31     return res.status(400).json({ error: errors.array()[0].msg });
32   }
33
34   res.json({ message: 'data user valid!' });
35 });
36
37 app.post('/user-joi', validateInput, (req, res) => {
38   res.json({ message: 'data user valid!' });
39 });
40
41 app.listen(port, () => {
42   console.log(`sever berjalan di http://localhost:${port}`);
43 });
```



## 2. Hasil jika username dan email valid

The screenshot shows the VS Code interface with the 'New Request' extension. A POST request is sent to `http://localhost:5000/user` with the following JSON body:

```
{  "username": "muhammad fakhraj jaelani",  "email": "muhammad.fakhraj_ti22@nusaputra.ac.id"}
```

The response is a 200 OK status with a JSON body:

```
{  "message": "data user valid!"}
```

The terminal shows the server running on `http://localhost:5000`.

## 3. Jika di antara username dan email ada yang tidak valid, kode ini akan terlebih dahulu memvalidasi username terlebih dahulu yang menyebabkan output yang keluar hanyalah satu seperti di bawah ini

The screenshot shows the VS Code interface with the 'New Request' extension. A POST request is sent to `http://localhost:5000/user` with the following JSON body:

```
{  "username": "",  "email": "mghjkmf.@ac.id"}
```

The response is a 400 Bad Request status with a JSON body:

```
{  "error": "panjang username minimal 5 karakter"}
```

The terminal shows the server running on `http://localhost:5000`.