N01510943

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Week 6

Warm Up

Table

Description automatically generated

A view of the earth from space

Description automatically generated with low confidence

Text

Description automatically generated

Validation

**/newcomment**

A screenshot of a computer

Description automatically generated with medium confidence

Text

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

Text

Description automatically generated

Express-validator is used to validate the data. For email we are using body("email").isEmail().normalizeEmail() which will validate that it is an email and will sanitize it, body("text").not().isEmpty().trim().escape() is used for the text field, it will validate that is not empty and remove any dangerous character.

The difference between express.json()) and app.use(express.urlencoded({extended: true})) is how you will be sending the data, with express.json you will send it as a json and with app.use(express.urlencoded({extended: true})) as form-urlencoded.

**/user**

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

The validation is similar as last endpoint but in this case the email is only validating that is a valid email and the password that is larger than 5 characters. In case one of these conditions is not valid the endpoint will return the error message and a status code of 400.

**/comment**

A screenshot of a computer

Description automatically generated with medium confidence

The middleware for this validation si check. Similar as last endpoint is validating the length of password and if email is a valid email.

A screenshot of a computer

Description automatically generated

If async and await is removed the response is return before the validations are done, so it is not really validating the fields.

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**Body vs Check**

Both are validation middleware. Check creates a validation for one or more fields located in body, cookies, headers, params and query. Body will only check body data. Check will let you run the validations asynchronous, body does not allow that.

**Validations vs Sanitization**

Validations are used to make sure the input is correct data and format. Sanitizations is used to modify the input to make sure some characters are removed or to make sure the data follows a pattern.

**check('date-of-birth').isISO8601().toDate()**

It will validate the field date-of-birth that is a valid date with the formatISO8601. This validation will consider the fields located in in body, cookies, headers, params and query. The validation can be perform asynchronous.

**body('date-of-birth').isISO8601().toDate()**

It will validate the field in the body date-of-birth that is a valid date with the formatISO8601.

**/GetData**

**Graphical user interface, text, application

Description automatically generated**

**/viewData**

**Graphical user interface, text, application

Description automatically generated**