MedioCademy Bootcamp Specialist.

NodeJS Project Shop Online

#5 Install Package & Middleware

Install body-parser

```
npm install --save body-parser
```

Setup body-parser

Googling "github body parser" :

Require pada file app.js

```
var bodyParser = require('body-parser');
```

Setup body parser middleware :

```
// parse application/x-www-form-urlencoded
app.use(bodyParser.urlencoded({ extended: false }))

// parse application/json
app.use(bodyParser.json())
```

Install Express Session

```
npm install --save express-session
```

Setup Express Session

Googling "github express session".

Require pada file app.js

```
var session = require('express-session')
```

Setup session middleware

```
app.use(session({
  secret: 'keyboard cat',
  resave: false,
  saveUninitialized: true,
  cookie: { secure: true }
}));
```

Install Express Validator

```
npm install --save express-validator
```

Setup Express Session

Googling "github express validator".

Require pada file app.js

```
var expressValidator = require('express-validator');
```

Setup express validator middleware

```
app.use(expressValidator({
    errorFormatter: function (param, msg, value) {
        var namespace = param.split('.')
                , root = namespace.shift()
                , formParam = root;

        while (namespace.length) {
            formParam += '[' + namespace.shift() + ']';
        }
        return {
            param: formParam,
            msg: msg,
            value: value
        };
    }
}));
```

Install Express Messages

Setup Express Session

Googling "github express messages".

```
npm install --save express-messages
```

Install **Connect flash** juga.

```
npm install connect-flash
```

Require pada file app.js

```
...
```

Setup express Messages middleware

```
app.use(require('connect-flash')());
app.use(function (req, res, next) {
  res.locals.messages = require('express-messages')(req, res);
  next();
});
```

Create Custom Template

Buat file baru beri nama **"messages.ejs"** dan paste kan template dari github pada file ini:

```
<div id="messages">
  <% Object.keys(messages).forEach(function (type) { %>
    <ul class="<%= type %>">
    <% messages[type].forEach(function (message) { %>
      <li><%= message %></li>
    <% }) %>
    </ul>
  <% }) %>
</div>
```

Rubah ul menjadi div, kemudian refactor sedikit:

```
<% Object.keys(messages).forEach(function (type) { %>
  <div class="alert alert-<%= type %>">
    <% messages[type].forEach(function (message) { %>
      <%= message %>
    <% }) %>
```

```
      </div>
  <% }) %>
```

Tambahkan "Call the message template" pada file **header.ejs** :

```
  <div class="container">
    <%- messages('messages', locals) %>
```

dan **admin header** :

```
  <div class="container">
    <%- messages('messages', locals) %>
```