

### Fullstack Developer Program Express Restful API Error Handling

### Instruction:

#### For submission,

- 1. Upload your source code in a zip file to Talentlabs Classroom. Please don't include the node modules folder.
- 2. Upload this document as a PDF file as well.

## Task 1 Express Application Generator:

#### Steps:

- 1. Execute the command: npx express-generator --ejs express-lab-9
- 2. Change directory into that new folder: cd express-lab-9
- 3. Install all npm packages: npm install
- 4. Start the server
- Windows PowerShell:

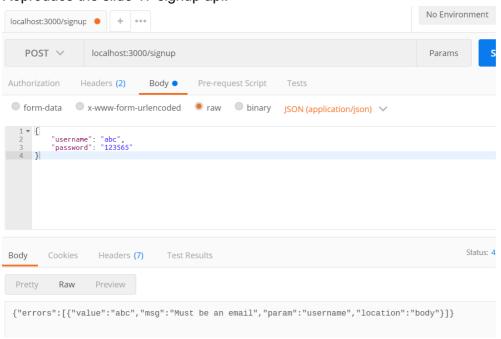
\$env:DEBUG='express-lab-9:\*'; npm start

- Windows Command Prompt:
  set DEBUG=express-lab-9:\* & npm start
- MacOs or Linus:

SET DEBUG=express-lab-9:\* & npm start

## Task 2 Reproduce Lecture Demo

#### Reproduce the slide 17 signup api:





## Task 3 Understand Validation

Try to add 2 more parameters to the Signup API

- 1. first name
- 2. last\_name

Both of them should not be empty.

### Task 4 Understand Validation Methods

Look at the "isLength" documentation here

https://github.com/validatorjs/validator.js#validators

Try to update the rule for the "password" parameter:

- 1. At least 5 characters
- 2. At most 10 characters

# Task 5 Understand Special Validation Methods

Actually there is a "isStrongPassword" validator. Try to use this isStrongPassword validator to replace all the existing validators for the "password" field.

