



Web Form Internship - Assignment

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First of all I need to say that I really learned a-lot from this exercise, It helped me hands-on some things within a short span of time. Thank-you for giving me this opportunity.

What have I learnt?

- Node.js
- Express: web application framework for Node.js
- REST API
- Bootstrap
- EJS (Embedded JavaScript): a templating language that lets you generate HTML markup with plain JavaScript.
- Git commands -
 - `git reset --hard HEAD` [remove all staged/unstaged changes that are not committed]
 - `git clean --force -d -x` [remove all untracked directories / files]
 - `git checkout` [switch branches or restore working tree files]
 - `.gitignore` file [specifies intentionally untracked files to ignore]

- Postman : for API testing
- I really enjoyed implementing database part and input validation.
- I think there was not any challenging part. Although I needed to see some syntax, so I read documentation that made it easy to hands-on it.

Interface:

Web form which will takes input from user. Below are the form fields.

- a. User Name
- b. Password
- c. Email Id
- d. Phone Number

API will update the existing record else insert the record if it doesn't exist (you need to go to Update Page).

Home

Press whichever button you want.

Search

Update

Delete

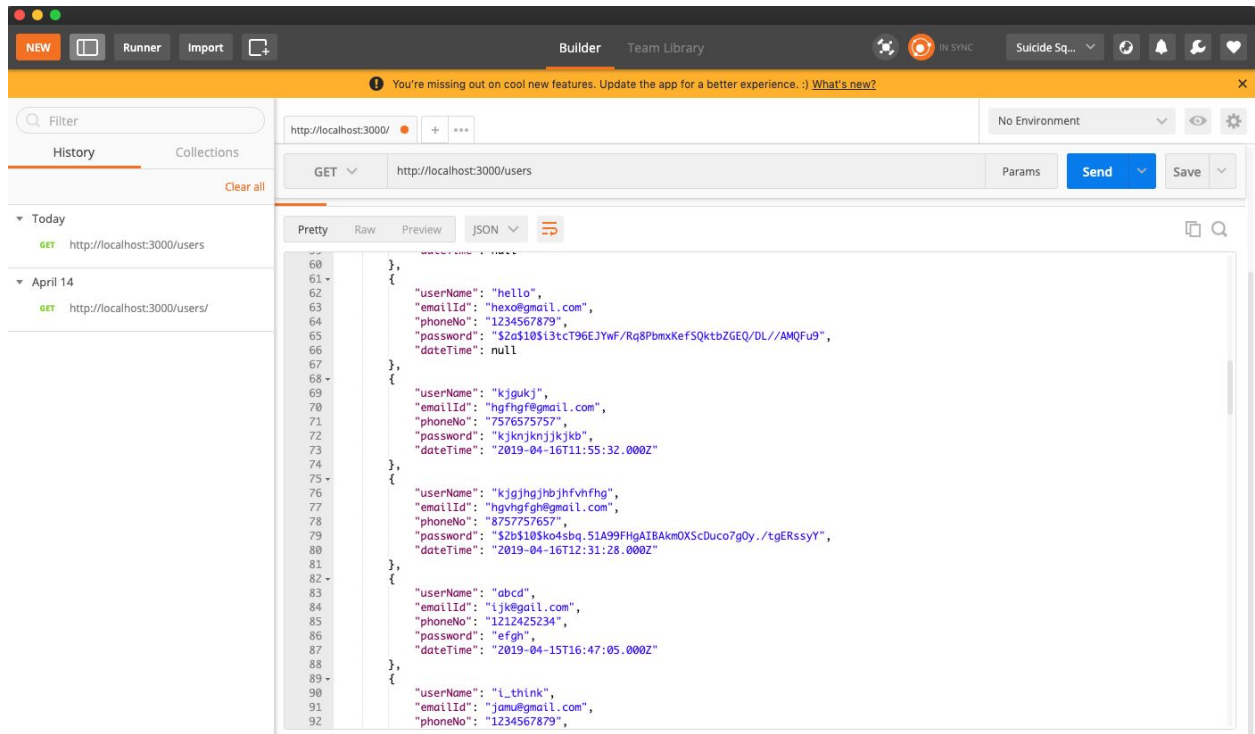
REST API will take request from this HTML form and insert the data into MySQL database along with the current Date and Time.

Possible Errors:

- If email-textbox is empty in that case appropriate error will popup.
- If password is less than 6 characters in that case appropriate error will be shown.
- If password and confirm password does not match in that case appropriate error will be shown. Note: In this case no need to refill the form, just need to fill password.

REST API :

Below interface is postman to see api.



Inside UpdateSection



Update

Name

Email

Phone No

Password

Confirm Password

Update

Fill the textbox that you need to update, else leave it as it is for no updation. But in case of password, you also need to fill confirm password for avoiding typing error and of email, you need to input email since it's a primary key.

Search Section

Home

Search bar will take email id as input and it will show the respective record if exist, else will show error with appropriate message.

User-Found

Home

janeDoe
Email : jane@gmail.com
Phone : 9190232536
Date-Time : Thu Apr 18 2019 23:41:48 GMT+0530 (India Standard Time)

User Not Found

Home

Email Not Found :(

Delete Record

Home

jane@gmail.com

Delete

Sources:

- <https://expressjs.com/en/starter/basic-routing.html>
- <https://www.npmjs.com/package/ejs>
- <https://www.npmjs.com/package/crypto-js>
- <https://bootswatch.com/>
- <https://www.npmjs.com/package/express-session>
- <https://www.atlassian.com/git/tutorials/saving-changes/gitignore>

How to set up

```
cd User_Node_login && ./setup.sh
```

How to run server

```
cd User_Node_login && node main.js .js
```

Open “ <http://localhost:3000>” in your browser.

Project Link: <https://github.com/ithink20/Node-js-project>