Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

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LEARNING DIARY, UPOFITNESS MODULE

**LEARNING DIARY**

24.01.2025

I checked the general information and understood the main focus of the course and also, I have understood what the main focus of the course is. I chose UPOFITNESS module because I love to do sports and also the management of sports facilities and their users. I already had the environment set up so I had no problems with that. I have chosen Visual Studio Code.

25.01.2025

I have seen the Node.js Course, Express Course and started the React course.

30.01.2025

I started programming the front-end using React. I have made the Header and the Footer of the web page as well as the CSS related to both. Also I have done the first commit of the GitHub repository.

01.02.2025

I have made the log-in form and also the CSS related to the form.

04.02.2025

Today I have started programming the backend of the web. I have had some problems related to the connection with the MySQL database but after doing research on the internet, I have settled the problem.

Other problems have arisen as I have been programming, such as not being able to use a method in another file. I have investigated but have not been able to solve it, so I will continue investigating.

With all the progress I have made so far, I have made the second commit on GitHub.

24.02.2025

After watching the videos of the Mern-Stack example, all the necessary methods for both the relational database (MySQL) and the non-relational database (MongoDB) have been laid out on paper, so it has been decided to start the entire backend from scratch in order to follow the same directories as in this example.

25.02.2025

The remaining methods for the rest of the SQL database entities have been implemented, they just need to be tested through Postman. In addition, the encryption of the password and the iban for both users and workers are still missing. The token for the login and logout function is also missing.

26.02.2025

The methods used yesterday have been tested and two of them do not work, so I need to investigate why they do not work and how to fix it. In addition, the functions for the non-relational database have been created, although this one does not work either, so I need to investigate the same as with the other functions.

14.03.2025

Creation of the diet pages to display the client's diets, the About Me page to display user information, and modification of the necessary parameters on the login page.

15.03.2025

All backend routes are being checked. All are working, except those using the MongoDB database.

Two functions have also been implemented to encrypt user and employee passwords and IBANs.

The final step today has been the implementation of tokens for both user and employee registration and login.

06.05.2025

I'd been trying to fix a bug for several days, but I finally managed to do it. The problem was due to a host issue when connecting to the proxy on the frontend. Although it hasn't been uploaded to GitHub yet, the bug has been fixed.

10.05.2025

**EXAMPLE STYLE 2**

10.9.2018

I learned about,

version control, but mostly it was just refreshing my memory. What I learned was…

how to develop as a becoming software professional. I find <something> interesting, because…

how to set up Atom environment with addons. There was one problem that took me a lot of time to solve. The problem was about …

Etc.

**EXAMPLE STYLE 3**

Freeform.

Something else, but reasonable. You must document what you have done, learned and when this have happened.