Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

Jina Debbarma, <Insert student number here>

LEARNING DIARY, Software Development Front End MODULE

**LEARNING DIARY**

**3.5.2021**

I watched the git tutorial and I learn about basic commands of git and how to use them. So basic idea is to create a git repo, add remote, commit and push. Once changes are pushed, others can pull the changes.

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| --- | --- |
| Git commands | Description |
| Git init | To setup a git repository in project folder |
| Git status | To check the status of the repo |
| Git add . | add files to be committed |
| Git commit-m “sample commit message” | To commit the file to local repo with a commit message |
| Git add remote <link to the remote github repo> | To add the remote repo link to my local repo |
| Git push origin master | To push the repo to the remote |
| Git pull | To get all the changes in the remote repository |
|  |  |
|  |  |

*Date-*5.5.2021

Created node module and scss folder inside project folder, used following commands (as browser doesn’t read scss file, for that node is required to compile the scss file to css file)

1. Command npm init is used in the terminal to create package.json / basic node module.
2. Command npm i node-sass is used install node-sass module.

6.5.2021

Created header in html file

And created menu button inside the header using <div class = “menu btn”> (all css

will be used in the buttons)

.btn-menu\*3 is used to create three divs in the button

Nav is created with the class of menu(nav.menu )

* \* sign Is used to select everything in css

7.5.2021

In the html pasted a font link from fontawesome

Under <\h2> created a class of icons using **.icons**

.To add add a link **A** enter is used

. added twitter icon using **i.fab.fa-twitter**

**. increased the size of twitter icon by adding fa-2x in the line**

Java script file is created using **script.src**  script tag with source attribute and created a js folder in dist, and created a file name main.js in js.

In main scss

8.5.2021

For headings

rem is unit multiplier of font size in html

& is used in the line to attach to its class

Padding is added in sm-heading to highlight the heading

Rgba is added in the line to add background image

For links

10.5.2021

Learned about adding color on header in the secondary text, defined the secondary text variable.

In the main added padding and height and

to style only icons used nesting to add hover effect on icons

Icons are wrapped in a{}, so a is put into the icons to link.

&:hover {} is used for hover

13.5.2021

To go outside css folder ../ is used in the in home-image variable

15.5.2021

To add backgroud image a variable **$show-home-image and**  is to be set to true by default, image folder(which has all images for the project) is created is in the dist folder where actual images is to be linked in the variable $**home-image**

**17.05.2121**

Added background image and created special mixin using @mixin background outside the body and included the background in in the body(using @include background)

21.5.2021

Created a new partial file in the scss folder( \_config.scss)

Cut out all the variable of mixin and pasted on \_config file.

And imported \_config file on main scss file using @mixin ‘config’

Created new file file(\_menu.scss) in scss folder for menu and imported in the main.scss file.

In menu.scss folder created a class of menu btn

In class of menu button ( .menu-btn)

Position is set to absolute for fixed place. Z-index to be always on top and is set to 3 and added right, top pixels and cursor with pointer and added easeout transition. Within theclass of menu button created a class of menu line (.menu-line) .

Added width, height, margin with top 0 top right 0 buttom 5 left 0, background and easeout transition in button line class.

In main.js file of js folder variables are created add more transition in the button

Using DOM (document object module) and created constant variable with queryselector, added toggle function using if else.

Added event listener , in if set to false for initial opening og button, and else to true for closed function of buttons.

**24.5.2021**

In menu.cs to style menu button when its closed, close is nested by using &.class transformation is added with rotation and transition each button line pseudo selector nth line is used.in the button line1 added transform with translate and rotate. To hide button line 2 opacity is set to 0. And button line3 different values of translate and rotate are added.