Designed document

Project goal:

    measure typing speed of user on keyborad ,

    and add some features such as filters type

    and analytics for progress typing user.

Project Design:

    the project will build using react library

    its will include these pages:

      1-- sign in page:will include form for sgin in operation

      2-- sign up page:will include form for sgin up operation

      3-- home page: that includes these sections:

        *-- filter section:will filter type of paragraph

          []--such as what paragraph should includes (numbers,punctuation,upper cases)

          []--time test that will be by selected time e.g (15,30,60,120) seconds

        *-- paragraph section:the section will do the typing test

      4-- settings:allow change theme and enable sounds

      5-- profile:display analytics for progress typing user per days

      *-- every page ofcourse have header and footer

Project total available time:

 6 days * 8hours = 48 hours

Project milestones:

    1-- build typing speed test for paragraph:

      task 1:measrue speed for paragraph:

time:2 hour

difficulty:super important

dod:create meassureSpeedWord function that include these steps

    []-enable stopwatch that count a seconds

    []-let user start typing

    []-count typed words

    []-disable stopwatch when user finish writing

    []-convert the time to minutes

    []-return how much typed words per minutes

task 2:measure accuracy for paragraph

    time:1 hour

    difficulty:super important

    dod:refactor first task function by these steps:

        []-while the user typing , the funciton will count number of incorrect characters

        []-calculate the accuracy by deviding count to length of word

        []-when user finish typing the function will return also the accuracy as percentage

    ---estimated time : 3 hours

2-- create layout and pages project:

    task 1:create home Page:

    time:2 hour

    difficulty:super important

    dod:create filter and paragraph sections:

        []- after user select type of test from filter

        []- we will fetch an appropriate paragraph by api

task 2:create the header

    time:1 hour

    difficulty: important

    dod:contain logo and navbar

task 3:create the settings page:

    time:2 hour

    difficulty: important

    dod:create theme button and button sounds sections

        []-the theme button will convert the theme dark,light.

        []-button sounds will enable or disable sound clicking

task 4:create a structure of stored data and sgin up page

    time: 2 hours

    difficulty:less important

    dod:build createUser funtction and sgin up form:

        []-after user fill his details using the form [name,mail,password]

        []-using creatUser function will create new account:

            []--checking if current user already exist

            []--if not exist send the user to the server in order to save it

            []--if user exist show to him an appropriate message

task 5:create sgin in page

    time: 1 hours

    difficulty:less important

    dod:build getUser funtction and sgin in form

        []-after user fill his details using the form [name,mail,password]

        []-using creatUser function will create new account:

            []--checking if current user already exist

[]--if not exist show to him an appropriate message

[]--if user exist go to home page

task 6:create the profile page:

time: 10 hours

difficulty:less important

dod:user detials and analytics typing speed for per day:

[]-show user detials such as name email

[]-display chart of analytics typing per day

task 7:create the footer

time:20 minutes

difficulty: less important

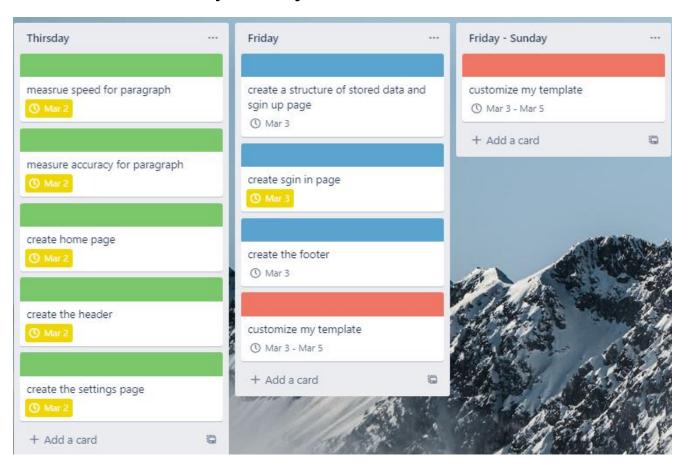dod:contain rights reserved and some text

---estimated time : 18.3 hours

3--customize my template:

time:16 hours

difficulty: important

*--total estimated time:37.3 hours

Scheduled tasks per day:

Thirsday

measrue speed for paragraph
🕐 Mar 2

measure accuracy for paragraph
🕐 Mar 2

create home page
🕐 Mar 2

create the header
🕐 Mar 2

create the settings page
🕐 Mar 2

+ Add a card

Friday

create a structure of stored data and sgin up page
🕐 Mar 3

create sgin in page
🕐 Mar 3

create the footer
🕐 Mar 3

customize my template
🕐 Mar 3 - Mar 5

+ Add a card

Friday - Sunday

customize my template
🕐 Mar 3 - Mar 5

+ Add a card

Site map: