2DoList Web Application Report

Phase 2

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Introduction to 2DoList Web Application:

2DoList is web application that allows you to track your To-Do and task lists. Example commercial applications are: Todoist and Wunderlist.

Here we are building this web application in multiple phases. In the first phase of the project, we created the main home page that lists all the tasks and all the options that a user is allowed to do to these tasks.

A user of your 2DoList should be able to add new tasks, update the state of a task, etc.

This web application has used the proper frameworks that would allow us to apply 2DoList on different web browsers.

Code Organization:

In this phase the code

Javascript:

It's the main part of the project where all the functions controlling the flow of the application.

The main functions used in this section will be discussed later.

CSS:

It's the part where styles are applied for different parts of the web page.

HTML:

It's the part where some tags are used to display the basic table where the tasks should appear later,it is also used where other tags are used to dispaly the pop up window that the user will enter the tasks in it later.

main functions:

drawTable:

This function is used to create the table of the tasks list and draw the table and later print it on the screen once a new task is added or the user decided to see all tasks

drawTable Completed

This function uses the same logic of the previous function (Draw Table) .. but insted drawiing the list of Alltasks it draws the completed tasks

drawTable inPorgress

this function draws the inprogress tasks

drawTable Archived

this function draws the archived tasks

Addtasks

This function is used to set the array of taskslist and inprogress once the user has enterd

In Draw Table

Edit

This function calls the form again but under certain new conditions where we don't add any new elements this time we just edit in required input and then the draw table function is called once more to draw the edited table

Delete

This function delete the current task form the list and also delete any occurence of this function in the in progress section or the completed section

Mark as completed

This function marks the selected function as completed and moves it to the completed section

Mark as Archived

This function marks the selected list as Archived and move it to the Archive section with the deletetion of it from the alltasks

HTML

The web page is divided into 4 main divisions

1.Header

where the logo of the web application is dispalyed

2.footer

where a word at the end of the web page can be added

3.margin

This division contains 4 buttons(All Tasks,completed,inprogress,archvived) where on clicking on any one them a table a lists is printed on the screen showing the required data

4-The main division where the main process of the web page takes place, The table is displayed in this part

in addition to the table,Buttons to control the application is provided as Add New Task,Delete Task,dropdown menu inside the table containg the options...etc

On clicking Add new Task a pop up menu apperars with the fields required from the user to add a new task

All of this apperats in the main division of the web page.

The apperaed form validates the input of the user and make sure that the due date of the task and the task name is found .. the description of the function is left optional to the user

Finally,

The report was divided equally among both of us

Team Member 1 (Ahmed);

Implementation of most of the functions of the java script.

Team Member 2 (Hisham);

The desgin and the outlines of the page is designed and functions related to the HTML.

The rest of the functions are styled are designed by both of us in team working not idvidually.