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Trident Time Tracker

OPSC7311 POE part 2

The application is currently not working on my device But I have uploaded the code for the app as well as an audio of what would be happening in the app, I have used a voice emulator for more understandable speech as my voice has an accent and can not be understood by all.

To access the code

Github Link: https://github.com/VixeyPopcorn3/ST10082074-TridentTimeTracker-OPSC7311.git

Here is the text for the audio on the demonstration video:

The application opens on the start page, which has the application’s icon, this icon is visible throughout the whole application as well as the signature turquoise radial gradient. On this page, the user has the choice to click a login or register button.

When they click the login button, they are redirected to the login page where they can enter their email and password. This is checked on the firebase cloud database linked to the application. If a user enters the wrong details, they will receive a suitable error message to tell them what is incorrect. If they wish to go back to the start page they have the option to click the back button which will redirect them back to the start page.

Once they have logged in using the correct details and clicked the login button they will be redirected to the main page which will show all tasks that the User has, in chronological order and view of Task Name, Project linked, and Total Hours. The User will also have the option to select a date range in which they would like to view all their tasks in that range. On this page, they also have the option to enter Minimum and maximum daily goals which can be recorded In the database by the user clicking the save goals button. Another feature on this page is the option for a user to add a photo to their task, which can be chosen in their gallery when they select the add photo button, if a task already has a photo, the button won’t be visible, and when they hover over the task it will show their image linked to the task.

Lastly on this page if they click the Add Task button the application will open a page where they can add a new task. The details they can enter for the task are its; Task Name, Description, Project Name, Start Date, Start Time, and End Time. If they try to enter a project name that isn’t linked to their account they will be given the option to add a new project and get redirected to that page. But should they wish to leave this page they can click the back button which will redirect them to the main page, or should they enter all the details of the task correctly and then click the Add task button they will be shown a message saying it was added successfully to the database and they will be redirected to the main page.

Back on the Main Page they are able to navigate between 3 pages using the bottom navigation bar should they want to open the Tasks page they click the Clock icon on the bottom left or if they want to open the Projects page they can select the Letter P icon on the center of the bottom of the page, or should they want to access the Calculations page they can click the graph icon on the bottom right.

Lets say they select the Letter P icon they get directed to the Projects page, all their projects are listed here in chronological order and view of Project Name, Client linked, and Total Hours.

They also have the option to Add a Project if this button is clicked they will be redirected to the Add Project page where they can add a new Project. The details they can enter for the task are its; Project Name, Description, Client, Start Date, and End Date. When the user wishes to enter the start or end date they will be shown a date picker to ensure correct entries. If any field is entered incorrectly the user will be shown a suitable error message or if they wish to exit this page without adding a new project they can click the back button which will redirect them to the main page. Should they choose not to do this and enter all the details of the Project correctly and then click the Add Project button they will be shown a message saying it was added successfully to the database and they will be redirected to the main page.

Back on the main page should the user click the graph icon on the bottom right of the screen they will be redirected to the Calculations page which Shows the user all their projects and total number of hours recorded that are linked to tasks over a selectable period which they can enter.

Lastly after they have ventured the whole application should they want to exit/logout they can simply click the logout button on the top right of the screen which will redirect them back to the original start page.

Thank you for listening I hope you understood how to work the Trident Time Tracker Application. Have a lovely day.