Frontend Assignment

Expense Tracker

Your assignment is to implement an expense tracking app which should enable users to easily track their expenses throughout the week, as indicated by the wireframes below, which you may use as a source of inspiration.

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**Features that should be implemented**

The web app should behave as a wizard that allows users to track their daily expenses by entering the expense category and the amount. Upon saving the expense, the inputs should be replaced with a collapsed view of the expense, which enables the user to edit its details or delete it altogether. The user should also be able to add however many expenses they wish. The daily total should be displayed somewhere on the page.

The user should be able to navigate between the different days of the week by using “next” and “previous” buttons or by clicking on a certain tab. The “Summary” tab should display a list of all expenses made throughout the week.

**Bonus Features**

* Pie Chart: The “Summary” tab should include a pie chart showcasing the expenses by category;
* Weekly budget: The starting page of the app should prompt the user to enter their weekly budget. The “Summary” tab should display the user’s weekly savings;
* Export expenses: The user should be able to export their weekly expenses in Excel format;
* Expense history: The user should be able to access a detailed history of their expenses from previous weeks. To implement this feature, you need to create an authentication flow.

**Implementation**

You can use any framework you feel comfortable with, but Angular is preferred. Vanilla JS is also acceptable.

**Materials & Resources**

It’s ok to use an IDE, Stack Overflow, or whatever else you would use when you’re normally coding. You can also use third party libraries or add some styling via a component library.

Here are some tips and resources which may come in handy:

* [AG Grid](https://www.ag-grid.com/angular-data-grid/): a feature rich data grid designed for the major JavaScript Frameworks, which you can use in order to display the weekly expense summary or create a [pie chart](https://www.ag-grid.com/angular-charts/pie-series/);
* [DevExtreme](https://js.devexpress.com/Angular/Documentation/Guide/Angular_Components/DevExtreme_Angular_Components/): a set of enterprise-ready UI component suites for Angular, React, Vue, and jQuery, which you can use for displaying the weekly expense summary inside a [data grid](https://js.devexpress.com/Angular/Documentation/Guide/UI_Components/DataGrid/Getting_Started_with_DataGrid/) or for creating a [pie chart](https://js.devexpress.com/Angular/Documentation/Guide/UI_Components/PieChart/Getting_Started_with_PieChart/).