

## **App - Track your money**

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### *1. Introduction*

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*Using your knowledge and creativity, you can create your own version of a money tracker app in React. From a beginner's viewpoint, fabricating a basic cost following application can be an extraordinary method to become familiar with the nuts and bolts of React. You'll figure out how to make a few fundamental usages, respond segments and modules, that are critical to begin with your versatile application advancement process. The application can be your own special cost tracker for your everyday costs. You can empower clients to monitor their everyday exchanges which can likewise be accessible in a month to month and yearly premise. They can incorporate their credit/platinum cards, financial balances through which they can legitimately pay the concerned specialists and monitor it (this is an unpredictable component, so you bank mixes ought to be done toward the end). Another application thought around spending observing is that you can outwardly actualize the costs information by utilizing diagram/chart parts. You can likewise give clients to monitor the costs dependent on classes in which they go through their cash. You may go through your creative mind to accompany one of a kind unique application thought. Concoct your own unique application thought, and you may have the option to try and get client footing on your portable application, while as yet contemplating React. We strongly prescribe you to distribute your first application to both App Store and Google Play (genius tip: start with Google Play), so you find out about the application accommodation process as well. You can begin with static fake information, where costs and classifications are hardcoded in the React code (as exhibits or records). After you are finished with the fundamental highlights and the UI, you can include Firebase or other backend databases as the server spine for your first React application, which will fill in as a powerful information stockpiling for costs, classes, records, and clients.*

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## 2. Expected List of Features

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- List Monthly expenses dashboard for the monthly expenses
- Navigation using user-friendly Menu or Tabs
- List Spendings by Categories Lists such as medicine, food, gas, outfit, travel, etc
- Display details screen including expense amount, description, category icon, date and time, etc
- Filtering overall expenses by categories
- Payment gateways integration plugins

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## 3. Market Survey

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Utilizing your insight and innovativeness, you can make your own variant of a Budget application in React. You can utilize a current versatile application as motivation.

Here is few Websites that I found. With having similar idea:

- <https://moneylover.me/>
- <https://www.marcus.com/us/en/clarity-money>
- [http://wally.me/?dd\\_pm=none&dd\\_pm\\_cat=finance\\_app](http://wally.me/?dd_pm=none&dd_pm_cat=finance_app)
- <https://www.mint.com/>
- [https://www.youneedabudget.com/home-alt-0320/?dd\\_pm=none&dd\\_pm\\_cat=finance\\_app&utm\\_expid=.3HbFdMkKQ06yaupeM-YkqA.1&utm\\_referrer=https%3A%2F%2Fwww.thebalance.com%2Fbest-expense-tracker-apps-4158958](https://www.youneedabudget.com/home-alt-0320/?dd_pm=none&dd_pm_cat=finance_app&utm_expid=.3HbFdMkKQ06yaupeM-YkqA.1&utm_referrer=https%3A%2F%2Fwww.thebalance.com%2Fbest-expense-tracker-apps-4158958)
- [https://www.mvelopes.com/?dd\\_pm=none&dd\\_pm\\_cat=finance\\_app](https://www.mvelopes.com/?dd_pm=none&dd_pm_cat=finance_app)
- <https://quickbooks.intuit.com/oa/online/>
- [https://www.personalcapital.com/?dd\\_pm=none&dd\\_pm\\_cat=finance\\_app](https://www.personalcapital.com/?dd_pm=none&dd_pm_cat=finance_app)

Here is comparison of the features of these applications with your application idea.

- These listed websites might not be single page application. We may setup React environment (Visual Studio Code, installing yarn, npm, etc)
- By implementing this website user can to build and use UI Components in React like (tabs, menu, cards, etc).
- Styling the UI components with basic design elements (fonts, colors, font weight, height, etc)
- Understanding the flow of React project and project management.
- Handling basic user actions, such as button clicks, swipes, etc.
- With this new app we can have easy navigation between screens in React.

- Will have secure and safe integration of the payment gateways like Mastercards, bank accounts, etc.
- Use Firebase Auth for user management and other backends databases.
- Can export data to CSV and PDF
- Can display charts & graphs in React from a package like react-chart-kit
- Integrate Bank APIs with simple HTTP packages like fetch or [Axios](#)
- Store your data on expenses and categories into a backend database and feed it to the front end using the **fetch method**.
- This new app can be publish an app to the [App Store](#) & [Google Play](#).

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#### 4. References

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Inspired by few references:

Agarwal, S., D. Aaronson, and E. French. 2008. The Spending and Debt Responses to Minimum Wage Increases. Available: [https://editorialexpress.com/cgi-bin/conference/download.cgi?db\\_name=SED2008&paper\\_id=379](https://editorialexpress.com/cgi-bin/conference/download.cgi?db_name=SED2008&paper_id=379).

Agency for Healthcare Research and Quality. 2012. Medical Expenditure Panel Survey: Survey Background. Available: [http://meps.ahrq.gov/mepsweb/about\\_meps/survey\\_back.jsp](http://meps.ahrq.gov/mepsweb/about_meps/survey_back.jsp).

Antin, J., and E.F. Churchill. 2011. Badges in Social Media: A Social Psychological Perspective. Presentation at the Gamification Summit, July, Chicago, IL.

Archibald, R., and R. Gillingham. 1980. An analysis of the short-run consumer demand for gasoline using household survey data. *The Review of Economics and Statistics* 62 (4):622–628.

Archibald, R., and R. Gillingham. 1981. The distributional impact of alternative gasoline conservation policies. *The Bell Journal of Economics* 12 (2):426–444.

List of Website links having similar idea:

- <https://moneylover.me/>
- <https://www.marcus.com/us/en/clarity-money>
- [http://wally.me/?dd\\_pm=none&dd\\_pm\\_cat=finance\\_app](http://wally.me/?dd_pm=none&dd_pm_cat=finance_app)
- <https://www.mint.com/>
- [https://www.youneedabudget.com/home-alt-0320/?dd\\_pm=none&dd\\_pm\\_cat=finance\\_app&utm\\_expid=.3HbFdMkKQ06yaupeM-YkqA.1&utm\\_referrer=https%3A%2F%2Fwww.thebalance.com%2Fbest-expense-tracker-apps-4158958](https://www.youneedabudget.com/home-alt-0320/?dd_pm=none&dd_pm_cat=finance_app&utm_expid=.3HbFdMkKQ06yaupeM-YkqA.1&utm_referrer=https%3A%2F%2Fwww.thebalance.com%2Fbest-expense-tracker-apps-4158958)
- [https://www.mvelopes.com/?dd\\_pm=none&dd\\_pm\\_cat=finance\\_app](https://www.mvelopes.com/?dd_pm=none&dd_pm_cat=finance_app)
- <https://quickbooks.intuit.com/oa/online/>
- [https://www.personalcapital.com/?dd\\_pm=none&dd\\_pm\\_cat=finance\\_app](https://www.personalcapital.com/?dd_pm=none&dd_pm_cat=finance_app)