

# Frontend

Your task is to create a complete web app, demonstrating the knowledge of frontend development. There is a lot of space to be creative and to use various technologies to get the job done, from CSS to deploy. The estimated time to complete the assignment should be ~1MD.

When a group of people goes for lunch together, usually restaurants do not want to allow every single person in the group to pay separately. The usual case is that one person pays the whole bill and the rest sends them money afterward. Naturally, it is hard (but !important) to track who owes you money. Your task is to implement such an application.

## **The basic functionality of the app should be:**

1. The user can add/remove contacts to the contact list.
2. Users can choose people from a contact list and create a group (those are the people who went to lunch together) and input the final sum of the bill and some title (such as "Wednesday lunch"). The sum is split equally among the members of the group.
3. The user can see the list of groups and details of the selected group--its members, who own and how much money.
4. The user can mark people in the group who already sent them money. Once all people in the group are marked, the group is moved to an 'archived' state, and styled differently so it is clear it is already 'done'.
5. Groups in the list are sorted by creation date, and all 'active' groups are before 'done' ones.

## **We expect you to:**

1. Use javascript frontend framework of your choice,
2. Create a nice and usable frontend, properly designed with CSS and with reasonable UX
3. All data should be stored in localStorage directly on the device,
4. Code should be stored on the provided private GitHub repository and have a meaningful commit history,
5. The app should be deployed on a public URL or have ready-made docker-compose, so it can be tried and tested,
6. Write proper readme.md a.k.a. documentation, with link to the running solution,
7. Do whatever else you consider a good showcase of your skills. Choose wisely not to waste too much time.

We don't require tests for the app; however, feel free to add some if you think it's worth the time invested.