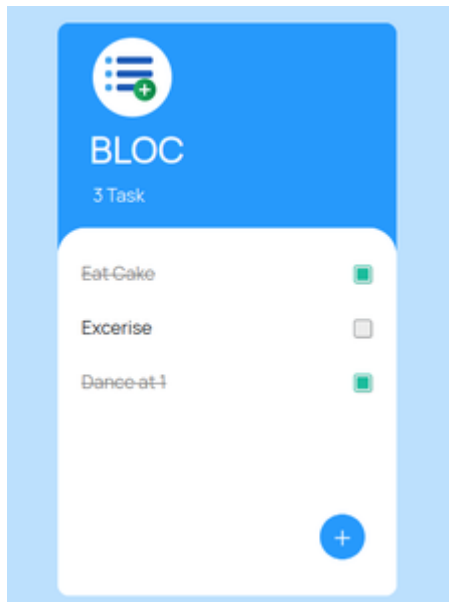# LAB 10

An Web3 application: Web3 to-do list

Motivation:

- Build a to-do list as either a mobile app or a web app. This can give an user a list of to-do works and remind use of undone ones so that the user can do it on time.
- To-do list app can be integrated with blockchain technology

Project description and improvement ideas:

- Create a to-do list where adding a new item or task means wrapping and adding it to the blockchain.
- Plan application's web architecture so that the logic is written in Ethereum smart contracts and the front-end interacts with the blockchain instead of the usual web backend and database.
- Expand smart contract so that it can add new tasks, modify them, delete them, mark them as completed, set deadlines for them and do other actions involved with creating a to-do list

Steps to do:

- Building a fill-fledged and detailed project in web3
- Planning the software architecture of a Dapp and how the client-side and blockchain can interact with each other

- Creating a frontend user interface.