A)

- **Development Guidelines**
- **Spike**
- **For personal usage**
- **functional use cases**
- **detailed use-cases**
- **Interface**
- **end customers**
- **similar Products**

B)

Analysis of project

My project is a Telegram bot monitor that will notify the user if any transactions have been received or sent by a wallet that the user has entered for tracking. Of course, all this information can be found on Etherscan, but this site or any other does not provide an opportunity to receive notifications, actually that's why Telegram was chosen to implement the idea, because it allows you to receive messages both on the PC and on the phone. The program requests information about the last passed block in the blockchain, selects the necessary information from there, and if there were changes, it displays them with a message in the chat bot. It uses the Web3 biobot to send requests about blocks, transactions, etc., and receives a response in json format, which is processed by filters in the code itself, then using the pyTelegramBotAPI biobot we can customize our bot, for example, to send a welcome message to the user, as well as send all the necessary information about all the changes on the wallet

My favorite parts

Probably the coolest part that I like about my project is that the project is not very complicated, but there are no free analogues in the public domain (the only one I know has an interface in Discord, but you have to pay for it once), and the second point is that I will definitely use my program myself in the future. Of course, it works a little bit crooked and checks all the information once every 12 seconds (a block in the Ethereum network lasts exactly 12 seconds), so sometimes it is possible that it will display information about one block twice.

Start-up idea

- If we consider this project and idea as a startup, then in the future we can add snip functions (although it is a completely different branch), also, if there will be a large database and many users, it is possible to react to any scams in a timely manner and notify people on the internet about it (I don't think it would help them haha).
- There is also a possibility to add a function of transferring ETH directly from the chat telegram bot, or at all disperse to several different wallets with the same amount, along with this function add a choice of settings responsible for what gas will be sent transaction, etc.
- Obviously, it would be worth adding an improved interface, which will separate all the information into shelves that would make it more convenient for the user to use the bot