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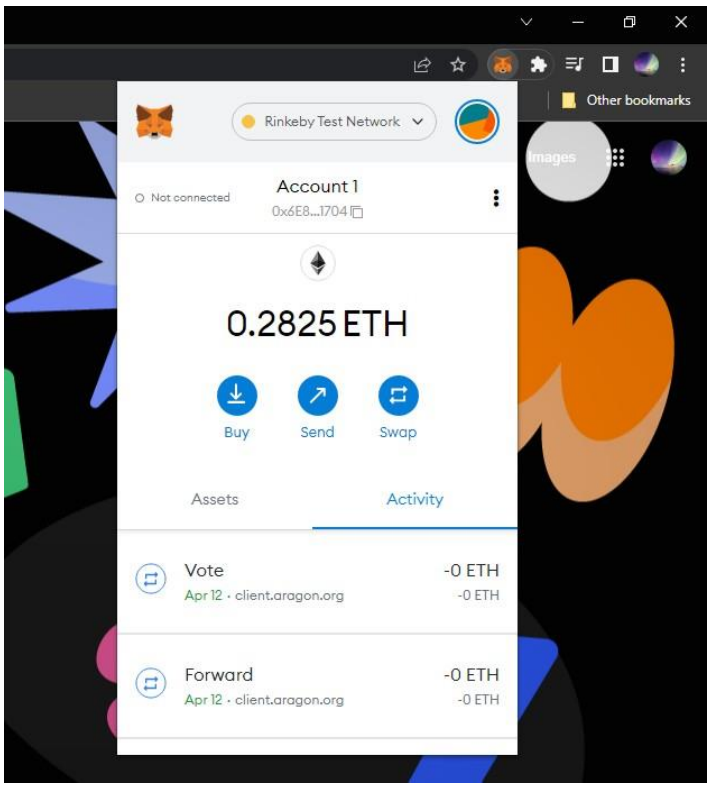
Sem & Branch: 6th Sem CSE B

Assignment – 2

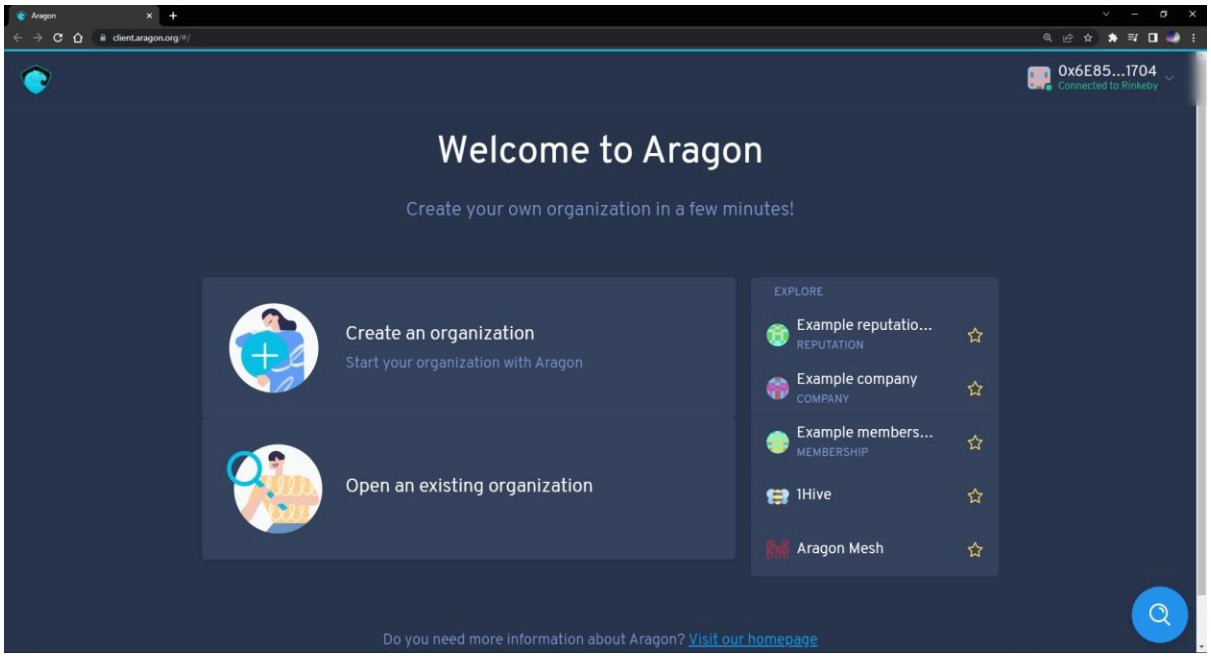
How to create your own DAO?

A DAO is an organization that is controlled by rules in a computer program that is transparent and controlled by the organization members rather than some central authority.

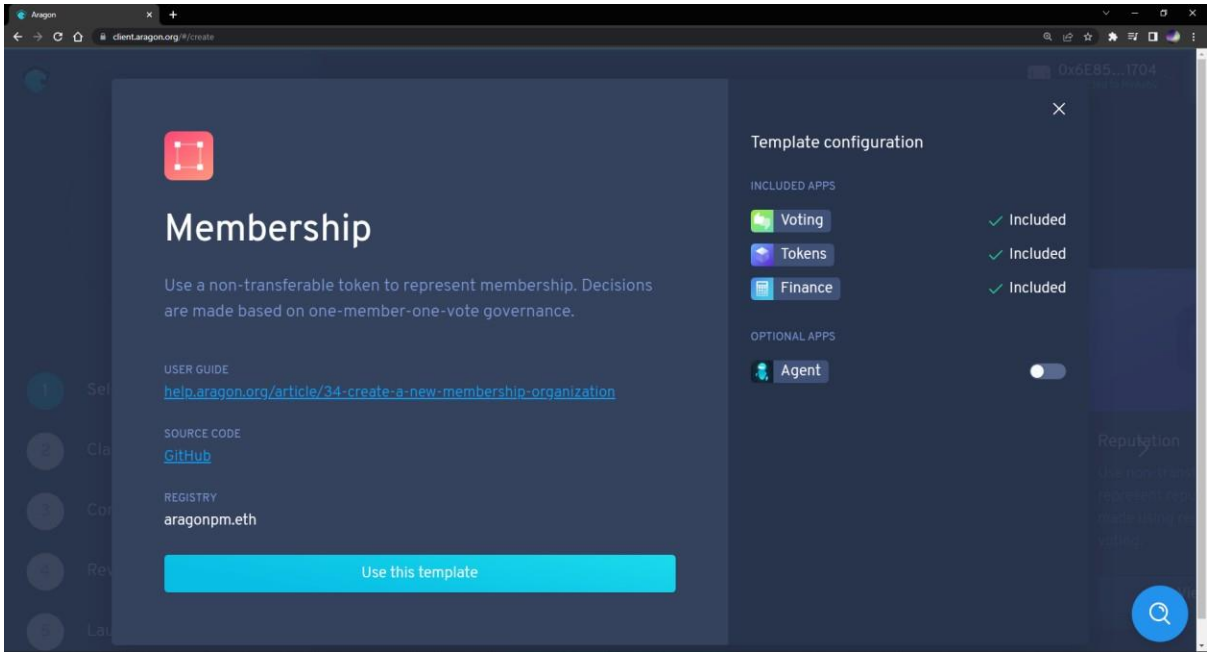
Setup a crypro wallet browser extension like Metamask. We will use the Rinkeby Test Network to create this DAO so there will be no need to spend actual Ethereum to deploy the DAO on the Ethereum mainnet.
Deposit some fake ETH onto your wallet by using websites such as
https://faucets.chain.link/rinkeby

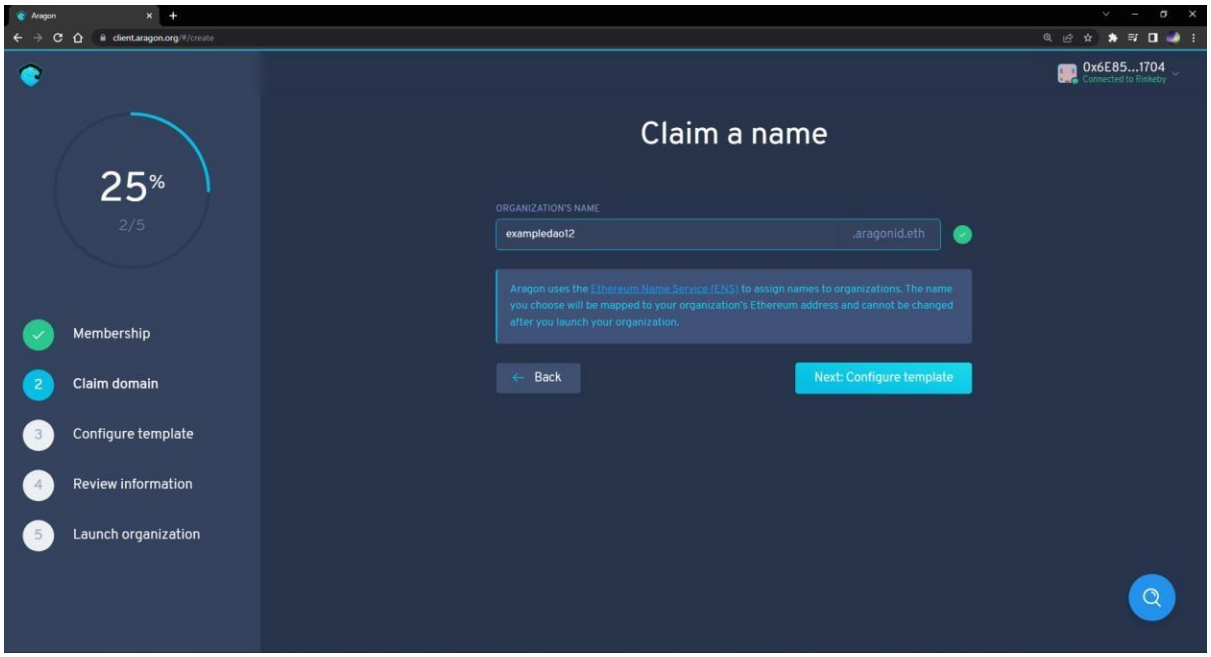


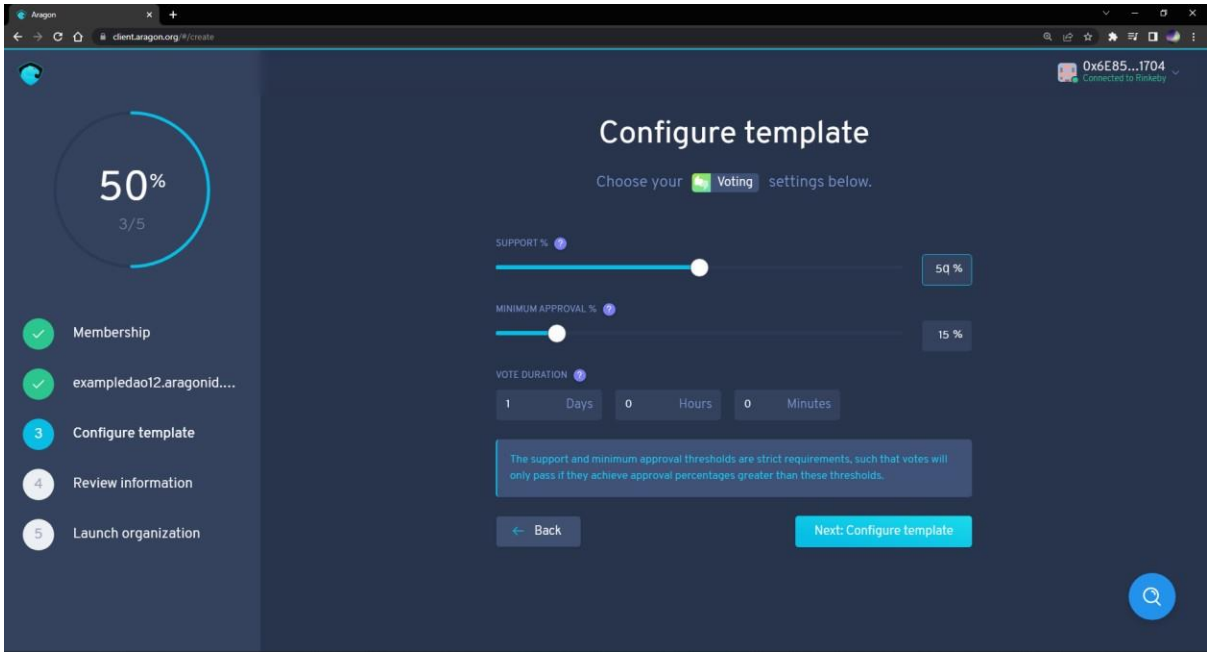
Now head on over to https://client.aragon.org/#/ to create a Client Aragon DAO which is free after connecting your wallet to Aragon.

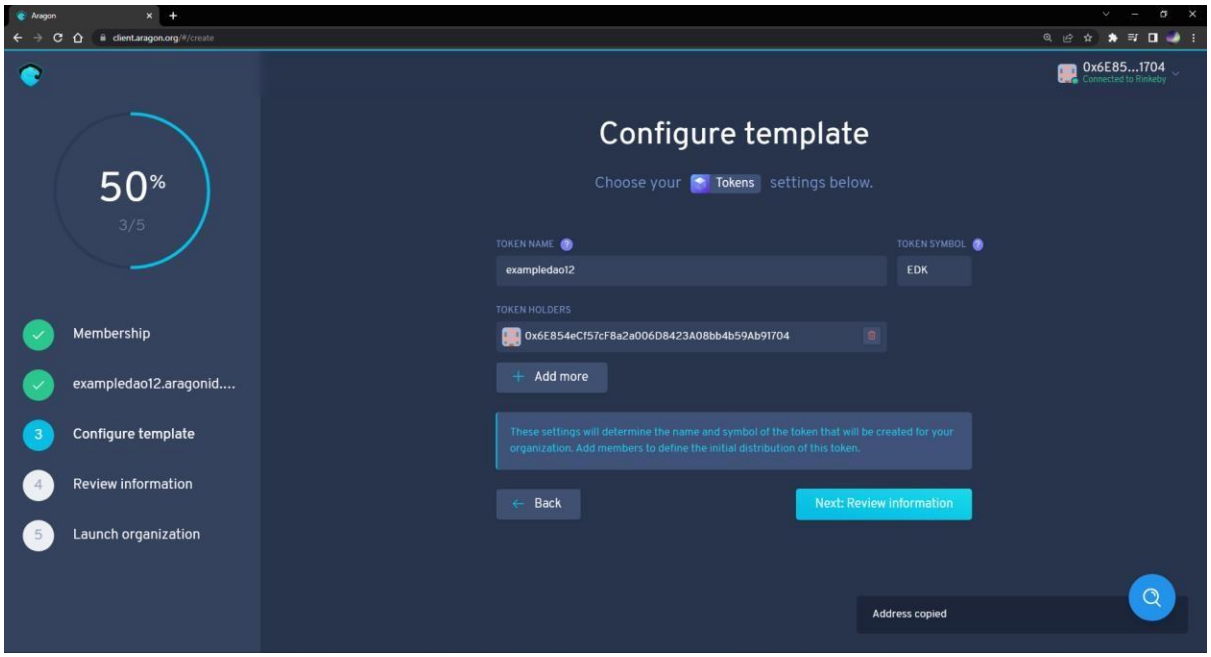


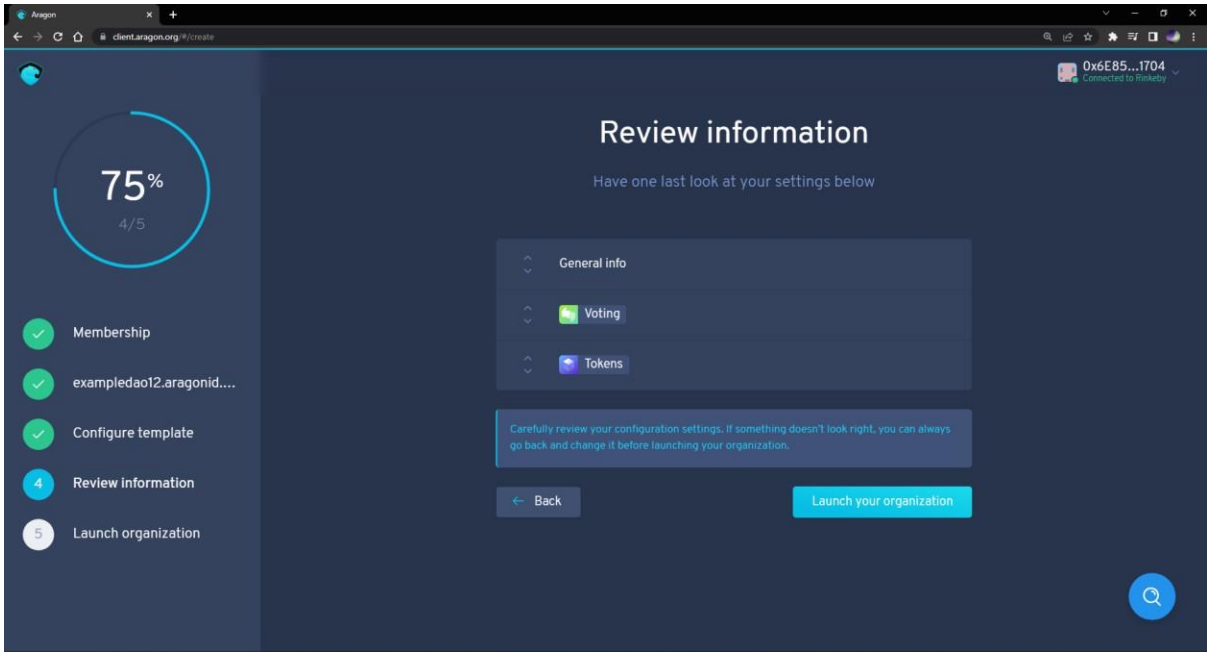
Create an organization by using one of the many templates available. Here I have chosen a Membership DAO that will allow people to vote on topics posted on the blockchain using the DAO tokens. Give it a name (here I have named it as “exampledao12.aragonid.eth”), create a token for it (here I have called it “exampledao12” with the symbol “EDK” and add the address of your Metamask wallet to allow tokens to be added), review and you will be good to launch.

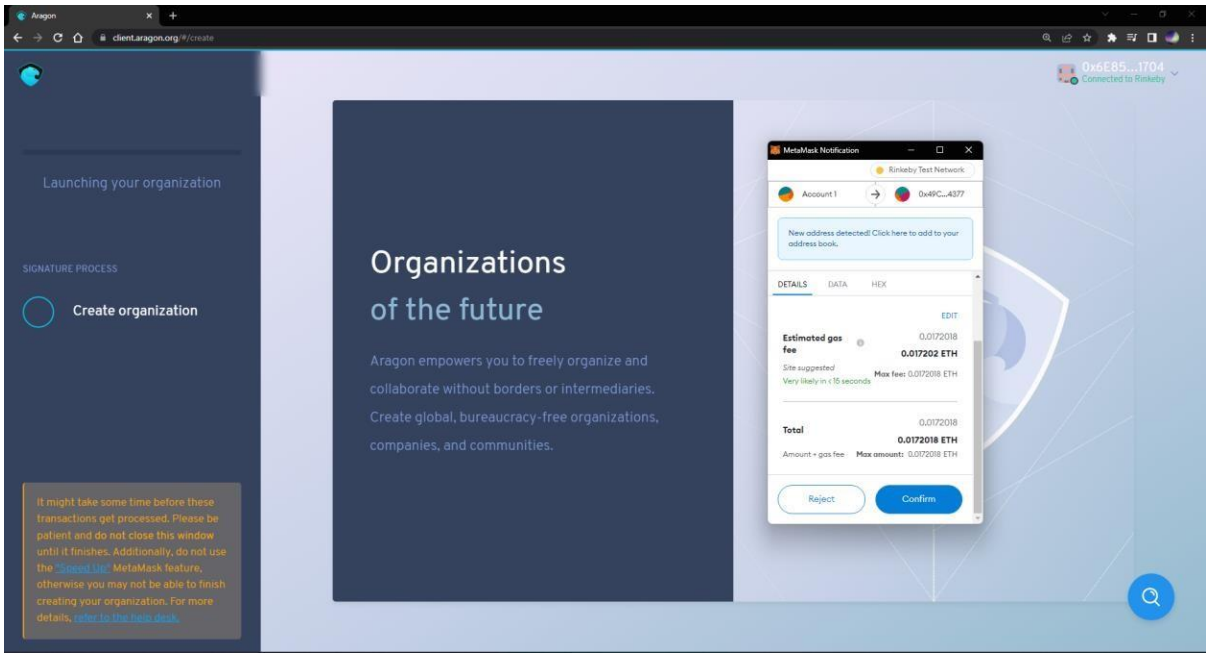



Aragon
client.aragon.org/#/create
0x6E85...1704
Connected to Rinkeby
25%
2/5
Membership
Claim domain
Configure template
Review information
Launch organization
Claim a name
ORGANIZATION'S NAME
exampledao12
.aragonid.eth
Aragon uses the Ethereum Name Service (ENS) to assign names to organizations. The name you choose will be mapped to your organization's Ethereum address and cannot be changed after you launch your organization.
Back
Next: Configure template


Aragon
client.aragon.org/#/create
0x6E85...1704
Connected to Rinkeby
50%
3/5
Membership
exampledao12.aragonid....
Configure template
Review information
Launch organization
Configure template
Choose your Voting settings below.
SUPPORT %
50 %
MINIMUM APPROVAL %
15 %
VOTE DURATION
1 Days
0 Hours
0 Minutes
The support and minimum approval thresholds are strict requirements, such that votes will only pass if they achieve approval percentages greater than these thresholds.
Back
Next: Configure template


Aragon
client.aragon.org/#/create
0x6E85...1704
Connected to Rinkeby
50%
3/5
Membership
exampledao12.aragonid....
Configure template
Review information
Launch organization
Configure template
Choose your Tokens settings below.
TOKEN NAME
exampledao12
TOKEN SYMBOL
EDK
TOKEN HOLDERS
0x6E854eCf57cF8a2a006D8423A08bb4b59Ab91704
Add more
These settings will determine the name and symbol of the token that will be created for your organization. Add members to define the initial distribution of this token.
Back
Next: Review information
Address copied


Aragon
client.aragon.org/#/create
0x6E85...1704
Connected to Rinkeby
75%
4/5
Membership
exampledao12.aragonid....
Configure template
Review information
Launch organization
Review information
Have one last look at your settings below
General info
Voting
Tokens
Carefully review your configuration settings. If something doesn't look right, you can always go back and change it before launching your organization.
Back
Launch your organization



We will have to confirm the fee from our wallet with our fake ether.
And we are LAUNCHED.

We can create new polls that will be posted on the blockchain by spending our DAO tokens. At the same time to cast our votes we must once again spend some tokens. We can add more token holders by going to tokens → add tokens and mentioning the address of the wallet to which the token must be added.