# How to use

Go to https://demtergift-celo.vercel.app/. If you don’t have installed Metamask wallet chrome extension. Then you have to install it and Create an account. After it you can connect your wallet by clicking Connect to a wallet. After you have connected, you can continue.

1. Create Event/Start Event:
   1. To create an Event you have to fill all the required fields. Which are Event Title, Event End Date, Event Goal, Event Logo Link.
   2. Then click on Create Event.
   3. Now it will show a metamask popup for gas using. You have to accept it.
   4. After created you will redirect to donation page.
2. Donation:
   1. Here all the Events will show up.
   2. For each Event has Donate NFT, Go to Auction these 2 buttons.

* DONATE NFT
  + First you have to fill Name, Description, Opening price in CELO, Enter image URL, NFT address.
  + After filling you have to click on Donate NFT button.
  + It will show a metamask popup. And you will have to accept it.
  + Now you can see your donated NFT in that Event auction page.
* GO TO AUCTION
  + After click on this button it redirect to that event auction page.

1. Auction:
   1. Here you can see the selected Event details.
   2. Here has all the donated NFTs and Bid option.
2. Bid:
   1. After you select any NFT you will have to put the amount.
   2. If the amount is less than highest bid price then it will show “Amount cannot be under {Highest Amount} CELO Dollar (cUSD)".
   3. After gave the higher bid amount click on Bid NFT.
   4. Now it will ask for confirmation on Metamask Wallet.
   5. After accept you can see your Bid NFT on View bid popup.
   6. And the highest bid will be changed.
3. View Bid:
   1. Here you can see all the Bet NFTs as a table list.

# Development

The website is hosted on vercel.com. The project is built with React app. And it has used Webpack 5 for compiling source codes. And it has built with CELO environment. Made the contract code with Solidity language. And deployed on Alfojores Celo Network using Hardhat.

1. Connecting with wallet:
   1. It has made with custom code and with compiled ABI.
   2. It can connect with Metamask wallet on Alfojores Celo Test Network.
   3. It requires only authentications from Metamask wallet.
2. Events:
   1. Here data is saving on Deployed smart contract.
   2. And event is saving on CELO EVM.
   3. And showing these Events on donation page.
3. Donate NFT:
   1. All the NFTs are saving into ERC721 contract. And retrieving those on auction page.
   2. Made the contract with solidity and deployed with hardhat.
4. Bid:
   1. Here, for bid you have to give the price and then bid. After bid it will create an smart contract by a transactions.
   2. When the auction time is finished then all the Bidder will be get refunded.
   3. And of the highest bidder price will go to Organization.
   4. And also NFT will be reversing to owner at finishing.