

# NFT Minting Front-end

In this tutorial you'll learn how to create a simple NFT front-end and mint a "Go Team" NFT on the NEAR blockchain straight from your web browser.

## App Overview

The app is fairly simple: the user signs in and hits the Mint NFT button. Once the user hits the mint button, a "Go Team" NFT is minted and sent to their NEAR Wallet.

## Smart Contract code

The code for the NFT smart contract can be found in the [Zero to Hero NFT tutorial](#)'s [GitHub repository](#), under the main branch.

The contract methods used in this application are as follows:

- `nft_mint`
  - : Function used to mint tokens.
- `check_token`
  - : Custom function created to check for the existence of a token. This helps to ensure one token per user.

## Front-end

The front-end of the contract was implemented using `create-near-app`. [React Bootstrap](#) was used for the styling of the application.

To bootstrap your React front-end, run the following command on your terminal:

```
npx create-near-app --frontend react --contract rust
```

Then, simply import the contract files from the main branch, and you'll have the needed structure to run the application.

## Start

Upon mounting the application's components, the app checks for the existence of a non-fungible token.

`src/App.js` loading ... [See full example on GitHub](#) If no prior NFT has been minted, the mint button will be available for use.

## Mint button

Here is the function behind the mint button. The meta data has been filled out for the user already:

- `token_id`
  - is set by the user's account id,
  - and the media
  - link is hard-coded to `agoteam-gif.gif`
  - hosted on IPFS.

`src/Components/MintingTool.js` loading ... [See full example on GitHub](#) After hitting the Mint NFT button the user will be able to check out the newly minted NFT at [wallet.testnet.near.org](https://wallet.testnet.near.org), under the Wallet's Collectibles tab.

## Final remarks

You can find the complete application repository [on GitHub](#) to clone and run. In the configuration folder you can see that this smart contract has been deployed to `tonft-frontend-simple-mint.blockhead.testnet`:

`src/config.js` loading ... [See full example on GitHub](#) You can also check out the [explorer link here](#) to see how many individuals have been minting their own Go Team NFTs. Happy Minting!

tip Clone and run this example from <https://github.com/near-examples/nft-tutorial-frontend> [Edit this page](#) Last updated on Jan 19, 2024 by [Damián Parrino](#) Was this page helpful? Yes No

[Previous Minting NFTs](#) [Next Minecraft NFTs](#)