

BrowseCryptokitties App

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Description

Cryptokitties is an etherium game where you collect digital art called cryptokitties and breed them for rare traits. Similarly like baseball cards or pokemon cards, they can be extremely valuable even though they are digital. Value is subjective to the genes and generation of the cat. A player can obtain a cat by buying off an auction, breeding their own cats or generating a new cryptokitty.

In my final project, I will be building a cryptokitties app where we can browse through cats, read about their cattributes and make an offer to buy a cat. To create this app, I will be using the react-native framework and the unofficial cryptokitties API from <https://api.cryptokitties.co/>.

App Requirements

Create an eye pleasing user interface for the following sections

Home Screen [1 mark]

1. A section to browse kitties that are not on sale.
2. A section to browse through a limited list of kitties that are currently for sale.
3. A section where the user can connect to a digital wallet and login to their account.

CatDetails Screen [1 mark]

1. A section where the image of the cat and its name is displayed
2. A section where all the information will be placed
3. Icons for each type of cattribute

When a user is browsing through kitties,

1. [1 mark] The image of the cat must show up
2. [1 mark] Their names must be listed under the image
3. [1 mark] Their Price must show up if the cat is being auctioned. And the price must be converted to ETH. (the api provides the current price in the lowest etherium sub-unit)
4. [1 mark] The kitties listed on the home page should be scrollable.

When a user clicks on a kitty,

1. [1 mark] The app should navigate to a new screen to show information for that specific cat and the user should be able to navigate back to the home screen.
2. [1 mark] The new screen should show the image, name, bio, and attributes of the cat from the cryptokitties api.
3. [1 mark] If the cat is for sale,
 - a. button should appear and allow the user to make an offer.
 - b. The price of the cat should appear in ETH
4. [1 mark] If the cat is not for sale, it should be displayed that it is not.

