**Requirements**

This project is similar to poker in terms of game development, and prediction of pancakeswap or BCGame in terms of blockchain.

1. What is different from Poker?

* Unlike regular poker, there are no calls, folds, raises, or all-ins.

So, it doesn’t need button, the option to do that.

* There are 3 flip cards, 1 turn card and 1 river card in regular poker but this project only has 3 flip cards.
* There are no small blinds, big blinds and bets on this project.
* Instead of having no chips, there is a fee for subscribers.
* There are several rounds in regular poker, but in this project, there is one round and the game ends when round is over.
* The reward is from betting in regular poker, but int this project, it is done with a fee.

1. Logic

* **NFT**

NFTs will be cards and there are 52 unique card NFTs and 100 decks.

So, there are totally 5200 NFTs.

52 unique card NFTS x 100 card decks = 5200 NFTs.

These NFTs is for sale to players.

* **Fees & Player NFT**

Players have to pay coin for their 2 NFTs and a fee to join the room.

Each player enters with 2 NFTs, but they cannot be identical in number and suit.

3 cards will be flipped, and all 3 cards revealed at once.

* **Group & Room**

There can be multiple groups. Different groups have different fees

Assuming the game coin is BNB, there are 0.1BNB group, 0.5BNB group, 1BNB group.

Each room has a minimum of 4 players and a maximum of 8 players.

* **Flip Cards**

3 flip cards are randomly generated from 52 cards. It’s not NFTs.

* **Weight**

1. Five of a kind (5 cards with same number/letter 3♥ 3♦ 3♣ 3♠ 3♠)

2. Royal flush (A,K,Q,J of same suit)

3. Straight flush (4 of same suit in a row instead of 5. 3♥ 4♥ 5♥ 6♥)

4. Four of a kind (like normal poker 3♥ 3♦ 3♣ 3♠)

5. Full house (like normal poker 3♥ 3♦ 3♣ 7♠ 7♣)

6. Flush (4 of same suit instead of 5 3♥ 7♥ 2♥ 6♥)

7. Straight (4 in a row instead of 5 7♣ 6♠ 5♠ 4♥ )

8. Three of a kind (like normal poker 3♥ 3♦ 3♣ 7♠ 6♣)

9. Two pair (like normal poker J♥ J♣ 4♣ 4♠ 9♥)

10. Pair (like normal poker 4♥ 4♠ K♠ 10♦ 5♠)

11. High Card (like normal poker A K Q J 10 9 8 7 6 5 4 3 2)

* **Game processing.**

First, Player has to buy their NFT in website (like OpenSea.)

When the game starts running, the player must connect a wallet with NFTs.

And they choose 2 NFTs before joining or creating room.

There are different room that has different fee.

Like 0.1BNB room, 0.5BNB room, 1BNB room.

They have to pay fee that they selected room before joining or creating room.

Before creating or joining room, they must pay fee for a room selection.

The room master can start the game when there are between 4 and 8 players.

All players don’t check “ready”. When they join in a room, their status becomes ready.

If there are enough people in the room, the game will start after 1 minute even if the room owner does not start the game.

**Note:** if player out the game after join room, player can’t receive their fee.

After the game starts, the game ends. And all players leave the room.

The winners receive reward.

The money earned by the winners is accumulated and can be withdrawn at any time.