**Create ERC-721 Contract for Ticket Selling Platform**

**Project Demo**

**NFT Contract Address(**NFT.sol**)** : 0x6e053Cb9DEc28e57B898c9F815d759aA252c0873

**NFT Market Contract Address (**SBTNFT.sol**)** : 0x42A4cA7FDFc802bF15ec85BE2919c4Bb43b24617

**Test net** : Koven

**Wallet** : Mata mask

**Development Tool**: Hardhat

**Front End** :React js

**Token Name** :DABLU PRASAD

**Symbol** : DP

**For Interaction between frontend and smart contract :** Ether js

**Step1:** Click on **Create Events Tab**  to create events Tickets.

Graphical user interface, text, email

Description automatically generated

**Steps 2:-** After feeding the details of **Organizer\_Name, Event\_Name, Event\_Time, Price** ,click on **Create\_Events Button.**

Graphical user interface, text, email

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**Steps 3:-**After Click on **Create\_Event button** , **CreateToken()** **method** Transaction confirmation popup is open on matamask, Click on Confirm button.

Graphical user interface, text, application, email

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**Steps 4:-** After Confirmed the transaction, **Transaction Hash** is generated,

<https://kovan.etherscan.io/tx/0x9cd7a053be25e9c1b72e19b716e47df3629e480aa1f7419804f320b9a0c0e103>

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**Steps 5:-** Then, **CreateMarketItem()** **method** Transaction confirmation popup is open on matamask, Click on Confirm button.

Graphical user interface, text, application

Description automatically generated

**Steps 6:-** After Confirmed the transaction, **Transaction Hash** is generated,

<https://kovan.etherscan.io/tx/0x3db8c1cfe0b3d6298875f88b47811b34e47ca8567f032ce101af398e19331f60>

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**Steps 7:-** To see the list of Organized Events Ticket, click on **Home Tab**.

Graphical user interface, text, application, email

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**Steps 8:-** you can check the list of event ticket and also buy ticket.

Graphical user interface, text, application, email

Description automatically generated

**Steps 9:-** If user wants to buy any tickets from Event Ticket list, then they click on **Buy button** of Event Ticket.

Graphical user interface, text

Description automatically generated

**Steps 10:-**  After click on **Buy button**, **createMarketSale()** **method** Transaction confirmation popup is open on matamask, Click on Confirm button.

Graphical user interface, text, application, email

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**Steps 11:-** After Confirmed the transaction, **Transaction Hash** is generated, in this transaction 10% of Event Ticket price sent to **SBTNFT.sol** contract

<https://kovan.etherscan.io/tx/0x2dd221f3f027af2c09a641ee412ab75a690c3252c7a76459c5fd7966327600f6>

Graphical user interface, text, application, chat or text message, email

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10 % of ticket transfer to contract

**Steps 12:-** To see all purchased tickets of users ,click on **My Event Tickets Tab.**

Graphical user interface, text, application

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**Steps 13:-** To See all Created Tickets and Sold Tickets on this Dapp , You can click on **Create Dashboard tab.**

Graphical user interface, text, application, email, website

Description automatically generated

**Thanks**