Practical Task

1. **Create ERC-721 contract for ticket selling platform -:**

The idea of the contract is to create a platform where users can connect MetaMask wallet and buy a ticket for events like seminars, music concerts, festival events.

The platform has two types of users one will be normal users who will buy tickets, and the other will be organizers who will organize events and register the events with the platform to sell the tickets.

The platform will charge the 10 % amount from each ticket sold. and the rest amount will be sent to the organizer account.

- Create a simple ERC-721 NFT contract named SBTNFT.sol.
- Deploy contract on the kovan network.
- Collections(array) needs in the contract.

  1) ownerList :- owner list will contain tickets owner address which will be mapped with NFT tokenId.
  2) eventList :- event will hold below information
     a) ownerAddress
     b) eventId
     c) eventName

2. **Create Frontend for ticket selling platform -:**

- Create a simple signup page where user can connect their MetaMast wallet and create an account as a normal user or as an organizer user.
- Home page for the normal use where all events will be listed, user can choose anyone and buy a ticket.
- Home page for the organizer user where all events will be listed which is organized by them, and also provide an option to add a new event.
- Use a MongoDB as a database.

3. Submission -:

- Submit code on New GitHub repository.
- Please provide your task within a week or you can take your time.
- Please reach out to us if you have any questions.