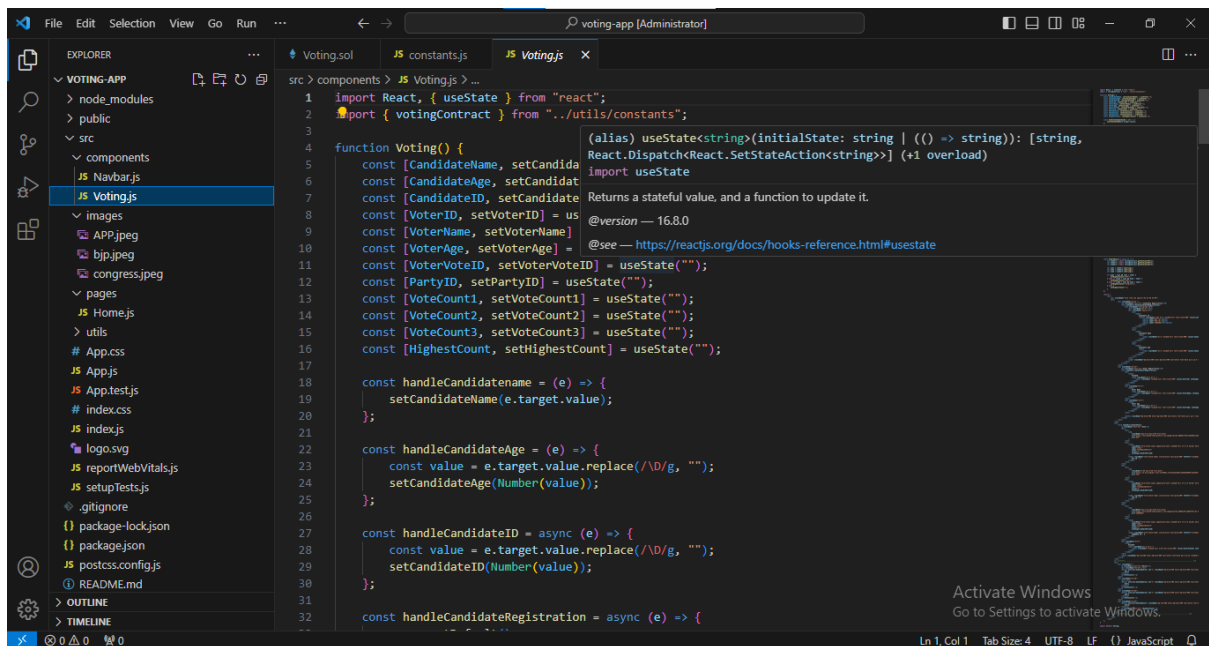


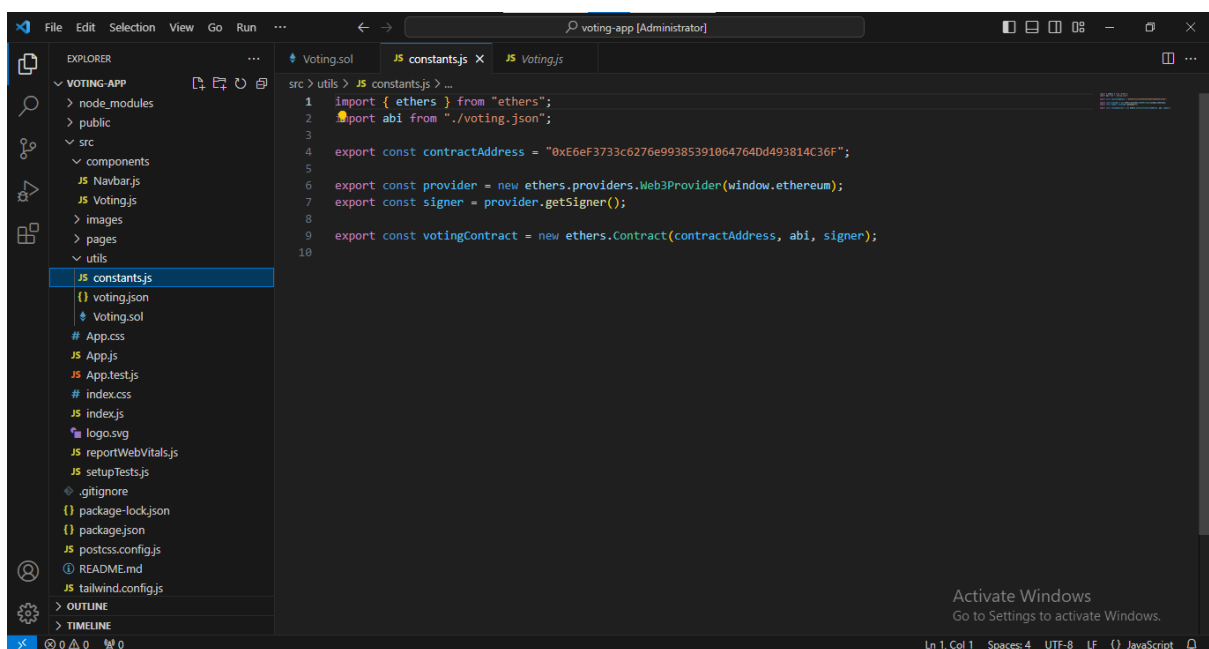
IMPLEMENTATION OF SMART CONTRACT

Date	20 October 2023
Team ID	NM2023TMID02239
Project Name	Electronic Voting System
Maximum Mark	4 Marks

USING CONNECTOR.js



```
1 import React, { useState } from "react";
2 import { votingContract } from "../utils/constants";
3
4 function Voting() {
5   const [CandidateName, setCandidateName] = useState("");
6   const [CandidateAge, setCandidateAge] = useState("");
7   const [CandidateID, setCandidateID] = useState("");
8   const [VoterID, setVoterID] = useState("");
9   const [VoterName, setVoterName] = useState("");
10  const [VoterAge, setVoterAge] = useState("");
11  const [VoterVoteID, setVoterVoteID] = useState("");
12  const [PartyID, setPartyID] = useState("");
13  const [VoteCount1, setVoteCount1] = useState("");
14  const [VoteCount2, setVoteCount2] = useState("");
15  const [VoteCount3, setVoteCount3] = useState("");
16  const [HighestCount, setHighestCount] = useState("");
17
18  const handleCandidateName = (e) => {
19    setCandidateName(e.target.value);
20  };
21
22  const handleCandidateAge = (e) => {
23    const value = e.target.value.replace(/\\D/g, "");
24    setCandidateAge(Number(value));
25  };
26
27  const handleCandidateID = async (e) => {
28    const value = e.target.value.replace(/\\D/g, "");
29    setCandidateID(Number(value));
30  };
31
32  const handleCandidateRegistration = async (e) => {
```



```
1 import { ethers } from "ethers";
2 import abi from "../voting.json";
3
4 export const contractAddress = "0xE6eF3733c6276e99385391864764Dd493814C36F";
5
6 export const provider = new ethers.providers.Web3Provider(window.ethereum);
7 export const signer = provider.getSigner();
8
9 export const votingContract = new ethers.Contract(contractAddress, abi, signer);
10
```

