// src/web3.js

import Web3 from 'web3';

// Replace this with your contract address and ABI

const contractAddress = '0x5FbDB2315678afecb367f032d93F642f64180aa3';

const contractABI = [

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"type": "string"

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{

"internalType": "uint256",

"name": "yearsOfExperience",

"type": "uint256"

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"name": "registerAsPatient",

"outputs": [],

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"type": "function"

},

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"inputs": [

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"internalType": "address",

"name": "expert",

"type": "address"

}

],

"name": "removeHealthcareExpert",

"outputs": [],

"stateMutability": "nonpayable",

"type": "function"

},

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"inputs": [

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"name": "",

"type": "address"

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"outputs": [

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"name": "name",

"type": "string"

},

{

"internalType": "bool",

"name": "isRegistered",

"type": "bool"

}

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"type": "function"

},

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"inputs": [

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"internalType": "address",

"name": "patient",

"type": "address"

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"name": "researchInstitute",

"type": "address"

},

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"name": "data",

"type": "string"

}

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},

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"name": "patient",

"type": "address"

},

{

"internalType": "string",

"name": "message",

"type": "string"

}

],

"name": "sendMessageToPatient",

"outputs": [],

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"type": "function"

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{

"internalType": "bool",

"name": "consent",

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}

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"name": "setConsentToRI",

"outputs": [],

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"type": "function"

},

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"outputs": [

{

"internalType": "string[]",

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"type": "string[]"

}

],

"stateMutability": "view",

"type": "function"

}

];

let web3;

let contract;

if (window.ethereum) {

web3 = new Web3(window.ethereum);

window.ethereum.enable(); // Request account access if needed

contract = new web3.eth.Contract(contractABI, contractAddress);

} else if (window.web3) {

web3 = new Web3(window.web3.currentProvider);

contract = new web3.eth.Contract(contractABI, contractAddress);

} else {

const provider = new Web3.providers.HttpProvider('http://localhost:8545');

web3 = new Web3(provider);

contract = new web3.eth.Contract(contractABI, contractAddress);

}

export { web3, contract };