INTERACTION WITH THE SMART CONTRACT

const Web3 = require('web3');

const web3 = new Web3('https://polygon-rpc.com'); // Polygon RPC URL

const contractAddress = 'YOUR\_CONTRACT\_ADDRESS';

const contractABI = [ /\* ABI generated during contract deployment \*/ ];

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

async function allocateFunds(projectAddress, amount) {

const accounts = await web3.eth.getAccounts();

await contract.methods.allocateFunds(projectAddress, web3.utils.toWei(amount, 'ether')).send({ from: accounts[0] });

console.log(`Funds allocated to project ${projectAddress}`);

}

async function withdrawFunds(projectAddress) {

const accounts = await web3.eth.getAccounts();

await contract.methods.withdrawFunds(projectAddress).send({ from: accounts[0] });

console.log(`Funds withdrawn by project ${projectAddress}`);

}