import DOM from './dom';

import Contract from './contract';

import './flightsurety.css';

(async() => {

    let result = null;

    let contract = new Contract('localhost', () => {

        // Read transaction

        contract.isOperational((error, result) => {

            console.log(error,result);

            display('Operational Status', 'Check if contract is operational', [ { label: 'Operational Status', error: error, value: result} ]);

        });

        // User-submitted transaction

        DOM.elid('submit-oracle').addEventListener('click', () => {

            let flight = DOM.elid('flight-number').value;

            // Write transaction

            contract.fetchFlightStatus(flight, (error, result) => {

                display('Oracles', 'Trigger oracles', [ { label: 'Fetch Flight Status', error: error, value: result.flight + ' current time' + result.timestamp} ]);

            });

        })

       // Register Flight

        DOM.elid("registerflight").addEventListener("click", async ()=>{

            alert(" inside register flight" );

            let request = {

                flight: DOM.elid("flight").value,

                airline: DOM.elid("airlineaddress").value,

                departure: new Date(DOM.elid("time").value).valueOf() / 1000,

                from: DOM.elid("passaddress").value

            };

            console.log("ip from register flight",request);

            let err, result, label;

            try {

                console.log("inside register flight try");

                await contract.registerFlight(request);

                label = "Success";

            } catch (e) {

                err = e;

                console.log(e);

                label = "Failure";

            } finally {

                display('Register Flight', 'Creates new flight in the system', [ { label: label, error: err, value: "Flight is registered"} ]);

            }

        });

        DOM.elid("fundairline").addEventListener("click", async () => {

            let airlineAddress = DOM.elid("fundAddress");

            let fee= document.getElementById("fundValue");

            console.log(fee.value);

            fee=10000000000000000000;

            let request = {

                airline: fundAddress.value,

                value:fee

            };

            console.log(request);

            let err, result, label

            try {

                await contract.fundAirline(request);

                alert("inside try");

                label = "Success";

                result = "Airline is registered";

            } catch(e){

                console.log(e);

                label = "Failure";

                err = e;

            } finally {

                display(

                    "Register Airline",

                    "Registers new airline in the system, but does not allow it to vote without registration fee paid",

                    [{label: label, error: err, value: result}]

                )

            }

        })

    });

})();

function display(title, description, results) {

    let displayDiv = DOM.elid("display-wrapper");

    let section = DOM.section();

    section.appendChild(DOM.h2(title));

    section.appendChild(DOM.h5(description));

    results.map((result) => {

        let row = section.appendChild(DOM.div({className:'row'}));

        row.appendChild(DOM.div({className: 'col-sm-4 field'}, result.label));

        row.appendChild(DOM.div({className: 'col-sm-8 field-value'}, result.error ? String(result.error) : String(result.value)));

        section.appendChild(row);

    })

    displayDiv.append(section);

}