// SPDX-License-Identifier: GPL-3.0

pragma solidity >=0.7.0 <0.9.0;

import "./sellFlat2.sol";

contract presentFlatContract is Flats{

    struct present{

        address owner;

        uint idFlat;

        uint timePresent;

        bool statusePresent;

        bool statuseAnswer;

        address recipient;

    }

    present[] presents;

    function presentFlat(uint idFlat, uint timePresent,address recipient)public{

        uint time = nowMoment + (timePresent \* 24 \*60\*\*2);

        presents.push(present(msg.sender, idFlat, time, false,false,recipient));

    }

    //Ответ на подарок

    function presentAnswer(uint idPresent, bool answer)public{

        require(presents[idPresent].recipient == msg.sender, "This gift is not for you");

        if(answer){

            presents[idPresent].statusePresent = true;

            address recipient = presents[idPresent].recipient;

            address owner = presents[idPresent].owner;

            uint idFlat = presents[idPresent].idFlat;

            uint squer = bazaOwners[owner][idFlat].squer;

            uint lifetime = bazaOwners[owner][idFlat].lifetime;

            bazaOwners[recipient].push(flat(recipient,squer, lifetime, true,false));

            bazaOwners[owner][idFlat].statuseOwner = false;

        }

        presents[idPresent].statuseAnswer = true;

    }

    function dpropPresent(uint idPresent)public{

        require(presents[idPresent].owner == msg.sender,"You not owner");

        require(presents[idPresent].statusePresent == false,"Application closed");

        presents[idPresent].statusePresent = true;

    }

}