<?php

namespace app\controllers;

use app\models\Account; use Yii;

use yii\db\Exception; use yii\helpers\Html; use yii\helpers\VarDumper; use yii\web\Controller;

class TestController extends Controller {

public function actionSuccess()

{

$transaction = Yii::$app->db->beginTransaction(); try {

$recipient = Account::findOne(1);

$sender = Account::findOne(2);

$transferAmount = 177;

$recipient->balance += $transferAmount;

$sender->balance -= $transferAmount;

if ($sender->save() && $recipient->save()) {

$transaction->commit();

return $this->renderContent(

Html::tag('h1', 'Money transfer was successfully')

);

} else {

$transaction->rollBack();

throw new Exception('Money transfer failed:' . VarDumper::dumpAsString($sender->getErrors()) . VarDumper::dumpAsString($recipient->getErrors())

);

}

} catch ( Exception $e ) {

$transaction->rollBack(); throw $e;

}

}

public function actionError()

{

$transaction = Yii::$app->db->beginTransaction(); try {

$recipient = Account::findOne(1);

$sender = Account::findOne(3);

$transferAmount = 1000;

$recipient->balance += $transferAmount;

$sender->balance -= $transferAmount;

if ($sender->save() && $recipient->save()) {

$transaction->commit();

return $this->renderContent(

Html::tag('h1', 'Money transfer was successfully')

);

} else {

$transaction->rollBack();