**AcctCreateController**

@FXML

void confirmClick(ActionEvent event) {

if (mode.equals("create")){

confirmCreate();

} else if (mode.equals("edit")){

confirmEdit();

}

}

void confirmCreate(){

String name = nameTxt.getText();

String descr = descrTxt.getText();

String checker = checkCreate(name, descr);

//System.out.println(name);

//System.out.println(descr);

if(checker.equals("true")){

model.addNewAcct(name, descr);

thisStage.hide();

homeCtrl.refresh();

//warningLbl.setText("added");

}

else{

warningLbl.setVisible(true);

}

System.out.println("yep!");

}

void confirmEdit(){

int id = selectedAcct.getID();

// Change name and descr

String name = nameTxt.getText();

String descr = descrTxt.getText();

String checker = checkCreate(name, descr);

if(checker.equals("true")){

model.editAccount(id, name, descr);

thisStage.hide();

homeCtrl.refresh();

}

else{

warningLbl.setVisible(true);

}

}

@FXML

void cancelClick(ActionEvent event) {

thisStage.hide();

}

public String checkCreate(String name, String desc){

if(name.length() == 0){

return "name";

}

if(desc.length() == 0){

return "description";

}

return "true";

}

}

**CodeCreateController**

@FXML

void confirmClick(ActionEvent event) {

if (mode.equals("create")){

confirmCreate();

} else if (mode.equals("edit")){

confirmEdit();

}

}

void confirmCreate(){

String name = nameTxt.getText();

String descr = descrTxt.getText();

String checker = checkCreate(name, descr);

if(checker.equals("true")){

model.addNewCode(name, descr);

thisStage.hide();

homeCtrl.refresh();

System.out.println("New Account, " + name + " has been created!");

}

model.addNewCode

else{

warningLbl.setVisible(true);

}

}

void confirmEdit(){

int id = selectedCode.getID();

// Change name and descr

String name = nameTxt.getText();

String descr = descrTxt.getText();

String checker = checkCreate(name, descr);

if(checker.equals("true")){

model.editCode(id, name, descr);

thisStage.hide();

homeCtrl.refresh();

}

else{

warningLbl.setVisible(true);

}

}

@FXML

void cancelClick(ActionEvent event) {

thisStage.hide();

}

public String checkCreate(String name, String desc){

if(name.length() == 0){

return "name";

}

if(desc.length() == 0){

return "description";

}

return "true";

}

}

**ChangeInfoController**

@FXML

void confirmClick(ActionEvent event) throws InvalidKeySpecException, NoSuchAlgorithmException {

String pwd = loginUser.getPwd();

if (!pwd.equals(oldPwdTxt.getText())){

warningLbl.setVisible(true);

warningLbl.setText("Sorry, that is the wrong password.");

} else if (!newPwdTxt1.getText().equals(newPwdTxt2.getText())){

warningLbl.setVisible(true);

warningLbl.setText("Sorry, your new password fields do not match.");

} else {

// change User Info

int id = loginUser.getID();

String username = loginUser.getUsername(); // don't change username

String newPwd = loginUser.getPwd();

if (!newPwdTxt1.getText().trim().isEmpty()){ // don't change pwd if left blank

newPwd = newPwdTxt1.getText();

}

String firstname = firstnameTxt.getText();

String lastname = lastnameTxt.getText();

String email = emailTxt.getText();

String phone = phoneTxt.getText();

boolean admin = loginUser.getAdmin();

String checker = checkCreate(username, firstname, newPwd, email, phone);

if(checker.equals("true")){

model.editUser(id, username, newPwd, firstname, lastname, email, phone, admin);

// close window

thisStage.hide();

warningLbl.setVisible(false);

homeCtrl.refresh();

}

else{

warningLbl.setText(warningLbl.setText("Error: Improper input in " + checker + " field.");

warningLbl.setVisible(true);

}

}

}

@FXML

void cancelClick(ActionEvent event) {

thisStage.hide();

}

public String checkCreate(String user, String firstname, String lastname, String newPass, String email, String phone){

if(firstname.matches("^.\*[^a-zA-Z].\*$") || firstname.length() == 0){

return "first name";

}

if(lastname.matches("^.\*[^a-zA-Z].\*$") || lastname.length() == 0){

return "last name";

}

if(newPass.contains(" ")){

return "new password";

}

if(!phone.equals() == 0){

if(phone.length() != 10 || phone.matches("^.\*[^0-9].\*$")){

return "phone";

}

if(!email.equals() == 0){

if(!email.contains("@") || email.contains(" ")){

return "email";

}

}

return "true";

}

}

**FeeTypeController**

@FXML

void confirmClick(ActionEvent event) {

if (mode.equals("create")){

confirmCreate();

} else if (mode.equals("edit")){

confirmEdit();

}

}

void confirmCreate(){

String name = nameTxt.getText();

String descr = descrTxt.getText();

Double amt = Double.parseDouble(amtTxt.getText());

Boolean isPercent = isPercentRadio.isSelected();

Boolean isAdditional = false;

Boolean isCustom = false;

String checker = checkCreate(name, descr, amt);

if(checker.equals("true")){

model.addNewFeeType(name, descr, amt, isPercent, isAdditional, isCustom);

homeCtrl.refresh();

thisStage.hide();

}

warningLbl.setVisible();

}

void confirmEdit(){

int id = selectedFee.getID();

String name = nameTxt.getText();

String descr = descrTxt.getText();

Double amt = Double.parseDouble(amtTxt.getText());

Boolean isPercent = isPercentRadio.isSelected();

Boolean isAdditional = false;

Boolean isCustom = false;

String checker = checkCreate(name, descr, amt);

if(checker.equals("true")){

model.editFeeType(name, descr, amt, isPercent, isAdditional, isCustom);

homeCtrl.refresh();

thisStage.hide();

}

warningLbl.setVisible();

}

@FXML

void cancelClick(ActionEvent event) {

thisStage.hide();

}

public String checkCreate(String name, String desc, Double amt){

if(name.length() == 0){

return "name";

}

if(desc.length() == 0){

return "description";

}

if(amt.length() == 0)

return "true";

}

}