model

UserAccount
f	username	String
f	password	String
f	gender	String
f	photo	Image
f	careers	ArrayList<String>
f	birthday	String
f	favBrowser	String
m	UserAccount(String, String, String, Image, ArrayList<String>, String, String)	
m	getUsername()	String
m	setUsername(String)	void
m	getPassword()	String
m	setPassword(String)	void
m	getGender()	String
m	setGender(String)	void
m	getPhoto()	Image
m	setPhoto(Image)	void
m	getCareers()	String
m	setCareers(ArrayList<String>)	void
m	getBirthday()	String
m	setBirthday(String)	void
m	getFavBrowser()	String
m	setFavBrowser(String)	void

Classroom
f	users	ArrayList<UserAccount>
m	Classroom()	
m	addUser(String, String, String, Image, ArrayList<String>, String, String)	void
m	canLogin(String, String)	boolean
m	getUsers()	ArrayList<UserAccount>
m	returnUserImage(String)	Image

-accounts

-classroom

ui

ClassroomGUI
f	classroom	Classroom
f	mainPane	Pane
f	loginUsernameField	TextField
f	loginPasswordField	TextField
f	newUsername	TextField
f	newPassword	TextField
f	fileDirectory	TextField
f	genderGroup	ToggleGroup
f	maleSelect	RadioButton
f	femaleSelect	RadioButton
f	otherSelect	RadioButton
f	softwareEnSelect	CheckBox
f	teleamticEnSelect	CheckBox
f	industrialEnSelect	CheckBox
f	birthdayDate	DatePicker
f	favoriteBrowser	ChoiceBox<String>
f	tableViewUseraccount	TableView<UserAccount>
f	usernameColumn	TableColumn<UserAccount, String>
f	GenderColumn	TableColumn<UserAccount, String>
f	careerColumn	TableColumn<UserAccount, String>
f	birthdayColumn	TableColumn<UserAccount, String>
f	browserColumn	TableColumn<UserAccount, String>
f	imageProfile	Image
f	usernameInAccountList	Label
f	userImageInAccountList	ImageView
m	ClassroomGUI(Classroom)	
m	browseFileToChoose(ActionEvent)	void
m	createAccount(ActionEvent)	void
m	goToSignInScreen(ActionEvent)	void
m	loginAction(ActionEvent)	void
m	singUpAction(ActionEvent)	void
m	logOutAction(ActionEvent)	void
m	startApp(ActionEvent)	void
m	initializeTableView()	void

Main
f	classroom	Classroom
f	classroomGUI	ClassroomGUI
m	Main()	
m	start(Stage)	void
m	main(String[])	void

-classroomgui

-classroom

account-list.fxml

register.fxml

login.fxml

main-pane.fxml