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

-classroomgui

Main

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

account-list.fxml

register.fxml

login.fxml

main-pane.fxml

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