Registeration
Sequence Diagram
Iteration 3

JAVA class name:
Registration Activity

Function:
Registarion Activity

SQUIRREL

Registration Sequence Diagram (Iteration 3)

System User

:RegistrationActivityGUI

:RegistrationActivityController

<< Singleton>>
:DBMgr

user: USER

msg: MSG

:LoginActivityGUI

<<fname, lname, uname, password, conform password, email, phone, street address, city, state, zipcode, role >>

msg := Insert(fname: String, lname: String, uname: String, password: String, conform password: String, email: String, phone: String, street address: String, city: String, state: String, zipcode: Integer, role: String)

user := getUser (fname: String, lname: String, uname: String, password: String, conform password: String, email: String, phone: String, street address: String, city: String, state: String, zipcode: Integer, role: String): USER

alt

[username.equals(NULL) || password.equals(NULL) || confirm_password.equals(NULL)]

"Fields Required": MSG

[else]

alt

[Password == Password Conformation]

user := getUser(email):User

alt

[email == NULL]

boolean

[else]

alt

[user does not exist]

Insert (fname: String, lname: String, uname: String, password: String, conform password: String, email: String, phone: String, street address: String, city: String, state: String, zipcode: Integer, role: String): USER

opt

[insert==True]

" Registered ": MSG

Redirect

[else]

"Username already taken": MSG

[else]

"Password does not match": MSG

<<message>>

<< redirect to>>

:LoginActivityGUI