AdminActivity

void onCreate(Bundle savedInstanceState)

WelcomeActivity

~ FirebaseAuth mAuth
~ FirebaseFirestore db

void onCreate(Bundle savedInstanceState)
+ void getUser()
+ void setMessage(User user)
+ void setErrorMessage()

LoginActivity

~ FirebaseAuth mAuth
~ FirebaseFirestore db
~ TextInputLayout emailInput, passwordInput

+ void onLogin(View view)
+ void startRegisterActivity(View view)
+ void startWelcomeActivity()
# void onCreate(Bundle savedInstanceState)

RegisterActivity

~ FirebaseAuth mAuth
~ FirebaseFirestore db
~ TextInputLayout firstName
~ TextInputLayout lastName
~ TextInputLayout email
~ TextInputLayout password
~ TextInputLayout confirmPassword
~ RadioGroup roleSelector

void onCreate(Bundle savedInstanceState)
+ void onRegister(View view)
+ void addUser(AuthResult authResult, View view)
+ void startWelcomeActivity()
+ void createUserDocument(RegisterData registerData, AuthResult authResult, View view)
+ void createUserAuth(RegisterData registerData, View view)

LoginData

~ String email, password

+ boolean isAdmin()
+ String toString()
+ boolean isValid()
- String getText(TextInputLayout input)
- boolean stringIsValid(String s)

<> Helper

+ void snackbar(View view, String message)

RegisterData

+ String email
~ String password
~ String confirmPassword
~ String firstName
~ String lastName
~ String roleSelected

+ RegisterData(RegisterActivity activity)
+ boolean isValid(View view)
+ String toString()
- String getText(TextInputLayout input)
- String getRadioText(RadioGroup input)
- boolean stringIsValid(String s)
+ boolean emailIsValid()
+ boolean passwordLengthIsValid()
+ boolean passwordIsValid()

User

- String firstName, lastName, email, role

+ User()
+ User(String firstName, String lastName, String email, String role)
+ User(RegisterData registerData)
+ User(DocumentSnapshot userDocument)
+ Map<String, Object> toDocument()
+ String getEmail()
+ String getLastName()
+ String getRole()
+ String getFirstName()
+ void setEmail()
+ void setFirstName()
+ void setLastName()
+ void setRole()
+ String toString()

Employee

+ String role

+ Employee(String firstName, StringlastName, String email, String role)
+ Employee(RegisterData registerData)
+ Employee(DocumentSnapshot userDocument)

Customer

+ String role

+ Customer(String firstName, StringlastName, String email, String role)
+ Customer(RegisterData registerData)
+ Customer(DocumentSnapshot userDocument)