class diagram - SignupActivty and LoginActivity

SignupActivity

- _emailField: EditText
- _passwordField: EditText
- _userNameField: EditText
- _signupButton: Button
- _loginText: TextView
- mAuth: FirebaseAuth
- mAuthListener: FirebaseAuth.AuthStateListener
- FirebaseAuth.AuthStateListener
- mDatabase: DatabaseReference
- SetupFirebase(): void
- findViews(): void
- createAccount(): void
- validateCreateAccount(): boolean
- checkValidEmailPasswordAndUsername(boolean, String, String, String, String)
- onFailedCreateLogin(): void
- authenticateAccountCreationWithServer(): void
- WriteNewUserToDatabase(UserItem): void

\# onCreate(Bundle) : void

+ onStart(): void
+ onStop(): void

LoginActivity

- REQUEST_SIGNUP: static final int
- _emailField: EditText
- _passwordField: EditText
- _loginButton: Button
- _signupText: TextView
- mAuth: FirebaseAuth
- mAuthListener: FirebaseAuth.AuthStateListener
- SetupFirebase(): void
- findViews(): void
- validateLogin(): boolean
- checkValidEmailAndPassword(boolean, String, String): boolean
- onFailedLogin(): void
- authenticateLoginWithServer(): void

\# onCreate(Bundle) : void
\# onActivityResult(int, int, Intent): void

+ TAG: static final String
+ SEND_EMAIL: static final String
+ onStart(): void
+ onStop(): void