User

- username: String
- email: String
- password: String
- licenseType: String
- licensePhotoUri: String

+ getUsername(): String
+ setUsername(): void
+ getEmail(): String
+ setEmail(): void
+ getPassword(): String
+ setPassword(): void
+ getLicenseType(): String
+ setLicenseType(): void
+ getLicensePhotoUri(): String
+ setLicensePhotoUri(): void

Customer

Employee

Admin

- email: String
- password: String

+ getEmail(): String
+ setEmail(): void
+ getPassword(): String
+ setPassword(): void

MainActivity

- email: String
- password: String
- loginBtn: MaterialButton
- signupBtn: MaterialButton
- auth: FirebaseAuth

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onCreate(savedInstanceState: Bundle): void
- loginBtnListener(): void
- signupBtnListener(): void

SignupActivity

- username: String
- email: String
- password: String
- licenseLevel: String
- role: String
- pickSingleMediaLauncher: ActivityResultLauncher<Result>
- licensePreview: ImageView
- uploadLicenseBtn: MaterialButton
- signupBtn: MaterialButton
- auth: FirebaseAuth

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onCreate(savedInstanceState: Bundle): void
- loadImageFromUri(context: Context, image: ImageView, uri: Uri?)
- signupBtnListener(): void
- uploadLicenseBtnListener(): void

WelcomeActivity

- userId: String
- db: DocumentReference
- auth: FirebaseAuth
- welcomeMessage: TextView
- roleMesssage: TextView

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onCreate(savedInstanceState: Bundle): void
- fetchAndWriteUserData()