Application Layer Chat Chat **Sessions** Chat **Sessions Sessions** Flutter App View **Signup** Home **Settings** Login Tab **Details** Tab **Details Create** Create Page Page Page Page **View** View Page Page Page Page Send New States to UI Send Event to Bloc Session Session Chat Chat **Session** Chat App Bloc Login Signup Create Detail List **Detail** List Create Cubit Cubit Bloc Bloc Bloc Bloc Bloc Bloc Request Model Data to Update State Send New Model Data to Bloc **Tutor Student** User Session Message **Subject** Academic **TimeSlot** Grade Course Models Credential Credential Send New Model Data to Bloc Request Model Data to Update State Session Session Chat Chat Session Chat Signup App Login Repositories Create **Detail** List **Detail** List Create Bloc Cubit Cubit Bloc Bloc Bloc Bloc Bloc Bloc Send JSON Data Receive JSON Data **Dart Client for Dart Client for Data Dart Client for Cloud Dart Client for Firebase Cloud Firebase Firestore** Google Sign In **Providers Authentication** Storage **Domain Layer** Firebase **NoSQL Database Student Session Tutor** chat_id uuid • uuid tutor Email email student first_name first_name Timeslot last_name last_name profile_picture profile_picture availability credential • grade availability parent_email subjects grade Firebase Storage Firebase Auth