

## Introduction:

Welcome to DocLink. Our software is made to make it simple for doctors and patients to communicate, improving healthcare quality. We used Firebase and other technologies to make it secure and easy to use, and we built it using the Android Native Framework. DocLink is all about making healthcare easy and accessible with features like secure chat, amusing animations, interactive tools, personalized home pages, and easy login and registration. Come along with us as we elevate your healthcare experience to a new plane of connectedness and ease.

## Pages that we already created till now:

### Login and Registration (1st and 2nd Screens):

- Two screens for user authentication (login and registration).
- Firebase authentication is used for user authentication.
- Users' data is stored in Firestore during registration.
- Users can choose between being a patient or a doctor during registration.
- At the time of patient registration, a doctor's doctorId is assigned for mapping the patient to that doctor.

### Home Page (3rd Screen):

- Displays relevant details based on the user's role (patient or doctor).
- If logged in as a patient, shows patient details collected during registration.
- If logged in as a doctor, it displays a list of patients with their details.
- Utilizes a bottom navigation bar with three menus: Tools, Animation, and Chat.

### Tools (4th Screen):

- Presents three assistive devices.
- Implements drag-and-match functionality, allowing users to match devices with corresponding body parts.
- Utilizes a shape or drawable for each assistive device.

- Users can interact with the drag-and-match feature for an educational or interactive experience.

#### Animation (5th Screen):

- Displays two GIFs (drum and water flowing from tap).
- On clicking each GIF, plays the corresponding audio (drum sound or water flowing sound).
- Both the GIFs and audio files are stored and fetched from Firebase Firestore.
- Provides a multimedia and interactive section for users.

#### Chat (6th Screen):

- Implements a chat functionality in a WhatsApp chat-like environment.
- Enables users to exchange messages between two accounts.
- Facilitates communication between doctors and patients.

#### Figma Link:

<https://www.figma.com/file/HCO4Sc2v5RSxVH8lQTIMlf/DocLink?type=design&node-id=0%3A1&mode=design&t=EvAzps8pi3myFDNy-1>