Health Scan User Manual

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# Introduction

Thanks for purchasing the Health Scan app. This app will provide you with the necessary services in detecting any abnormal skin conditions or symptoms you may have as early as possible. This is to ensure swift treatment if necessary to minimise the spread of infection and pain/discomfort on the patient's behalf. This document is provided to assist you in understanding and effectively using the software, enabling you to become familiar with and utilise its features.

# System Requirements

* **Operating System:** IOS 16.1 or later / Android 10 or later
* **Processor:** Any
* **RAM:** 4GB or more
* **Hard Disk Space:** 16GB or more
* **Additional Necessary Features:** Inbuilt camera

# Installation Instructions

Steps to follow to install software:

1. Search for 'Health Scan’ in the App store for IOS or Google Play store for Android.
2. Download the app.
3. Once the download has finished, open the app and you will see a home page.
4. If you have not used this app in the past, press the 'new account' button to create an account, press the 'login' button if you are a returning user or if you are a doctor use the 'doctor login' button.
5. You can create an account using Google Sign-In or your email address and then login accordingly.
6. Now you are ready to use the app!

# User Interface Overview

The user interface of Health Scan is designed to be simple and intuitive for anyone. Here is some information on important parts of the interface:

* The main screen that appears once you have logged in contains some important sections:
* The largest section with the graphs is your health metric, and it displays your steps taken, heart rate and weight which can be updated by you, or it is automatically updated based on your fitness apps and any Smartwatches such as Fitbit or Apple Watches you may wear on a daily basis.
* Then you have an options bar which allows you to logout, chat with any doctors or edit your medical information.
* There is also a blue button with a healthcare cross symbol which allows you to access the core functionality of the app in being able to take photos of any abnormal skin conditions or patterns you may have.
* The confirm photo screen contains very intuitive functionality for users:
  + There are three buttons, each of which allow you to take a photo, upload that photo or return the main page.
  + There is also a image of your skin condition on top so that you can check whether your photo is clear enough and appropriate to send.
* The photo taking screen is like any other photo app that can be used on mobile devices including the inbuilt ones for IOS and Android making the functionality intuitive.
  + There is a simple white button at the bottom of the screen to take photos.
  + The only additional buttons are on the left and the right of the centre white button, which allows users to go to the messaging section if you click the left or the profile section if you click on the right.
* The chat page also is designed to be in the same format as any other messaging app including Facebook Messenger and iMessage.
  + There is a text bar at the bottom to type messages.
  + There are options on the right-hand side of the text bar to send a voice message, emoji, or text message as well.
  + Additionally doctors also have a blue button at the bottom to move to the chat of another patient they need to see, so it makes it easy for them to chat with and book appointments with different patients.
* Doctors also have their own custom home page with various buttons designed to be straightforward for them to use especially if they are not tech savvy.
  + They can view all the images they have to review using the Images to Review button.
  + They can view their various chats with patients as well.
  + There are also two big icons in the middle which shows the number of images they must review and the number of chats they have with patients.
  + Finally, there is a button for them to go back to the home page as well.
* At the bottom of every screen there is a bar which allows users to navigate between messages with doctors by pressing the left button and editing their personal information by pressing the right button.

# Using Health Scan First Steps

1. Once you open the app you will see the home page which contains a login button for normal users, a create account button and a login button for doctors. Depending on which one best suit you click on that. If you are a new user, then click on create account otherwise click on login.
2. You will be directed to a page where you can input your email and password if you have an account, or you can create an account with Google Sign-In or your own personal email address.
3. Once you have logged in you will see your homepage. As a normal user you can choose between editing your profile, taking a picture of any skin abnormalities you may have or logging out. As a doctor you can look at patient skin images, chat with patients on booking appointments and their condition or logout.
4. If a user wants to take a picture, they press the health cross symbol and get redirected to the camera, where they can press the large white circular button at the bottom to take the picture.
5. Then you will be redirected to a page where you can choose to keep the image and upload it for the AI to process and provide a diagnosis, take another picture or return to the main page.
6. You can also choose to edit your profile where you can edit medical information and personal details.
7. If you upload an image, the AI diagnoses it and if it is determined to be a certain skin condition then it is sent to a doctor who can review the image from their interface and add details about type of condition and risk percentage. The doctor can then view other images by clicking on the blue button at the bottom of the screen titled, ‘Next Image’.
8. Both the patient and the doctor can also choose to chat with each other through the click of the chat button and utilise the highly intuitive chat page.
9. From the patients end, once they have finished their chat, they can return to the main page and logout if they want, whereas doctors can choose to return to their main page to logout or move on and chat to the next patient they need to see by clicking on the blue button at the bottom of the screen.

# Troubleshooting & Contacting Support

If an error occurs while utilising the app, please logout from the app and sign in again. If you are unable do this, close/quit the application so that it is not running, before re-opening it again. If the error continues, please email us at [support@healthscan.com.au](mailto:support@healthscan.com.au). Include a brief description of the error you are facing in the title of the email, before providing a more detailed description of the specific errors including when they started occurring and in what instances of using the app they occur. This will help us fix the errors. PLEASE also provide your contact details such as first name and email or phone number so that we can contact you if identifying the error or fixing it proves difficult.