

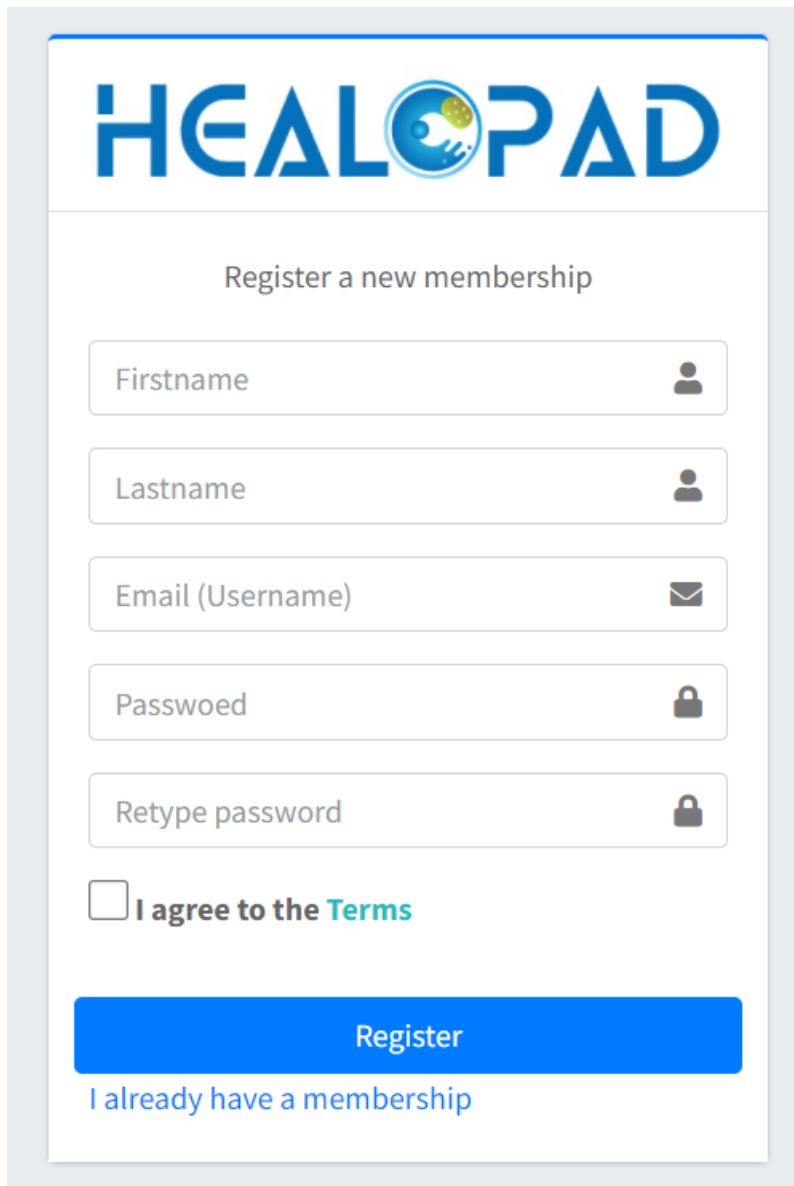
## Healopad Web Panel And App User Guide

### **Part A- Web Panel User Guide**

Welcome To Healopad HWP!


We are going to explain about the Healopad Web Panel(HWP). HWP is in hand for physicians in this business with their own level of access.


Here the password recovery & new user registration is considered. After physicians' registration the access will be provided by the system admin. Then the doctor can login and use the system abilities.


The image shows a registration form for the Healopad system. At the top is the Healopad logo, which consists of the word "HEALOPAD" in blue capital letters, with a circular icon containing a stylized eye and a hand. Below the logo, the text "Register a new membership" is centered. The form contains five input fields, each with a placeholder text and an icon: "Firstname" with a person icon, "Lastname" with a person icon, "Email (Username)" with an envelope icon, "Passwoed" (note the typo) with a padlock icon, and "Retype password" with a padlock icon. Below these fields is a checkbox followed by the text "I agree to the Terms", where "Terms" is a link. At the bottom of the form is a large blue button labeled "Register". Below the button is a link that says "I already have a membership".


**HEALOPAD**


Register a new membership

Firstname 

Lastname 

Email (Username) 

Passwoed 


Retype password 

☐ I agree to the [Terms](#)


**Register**

[I already have a membership](#)

Now, we login as Admin. On the left you will see the full menu which in some part is only for the administrator. Some parts will be usable by doctors.

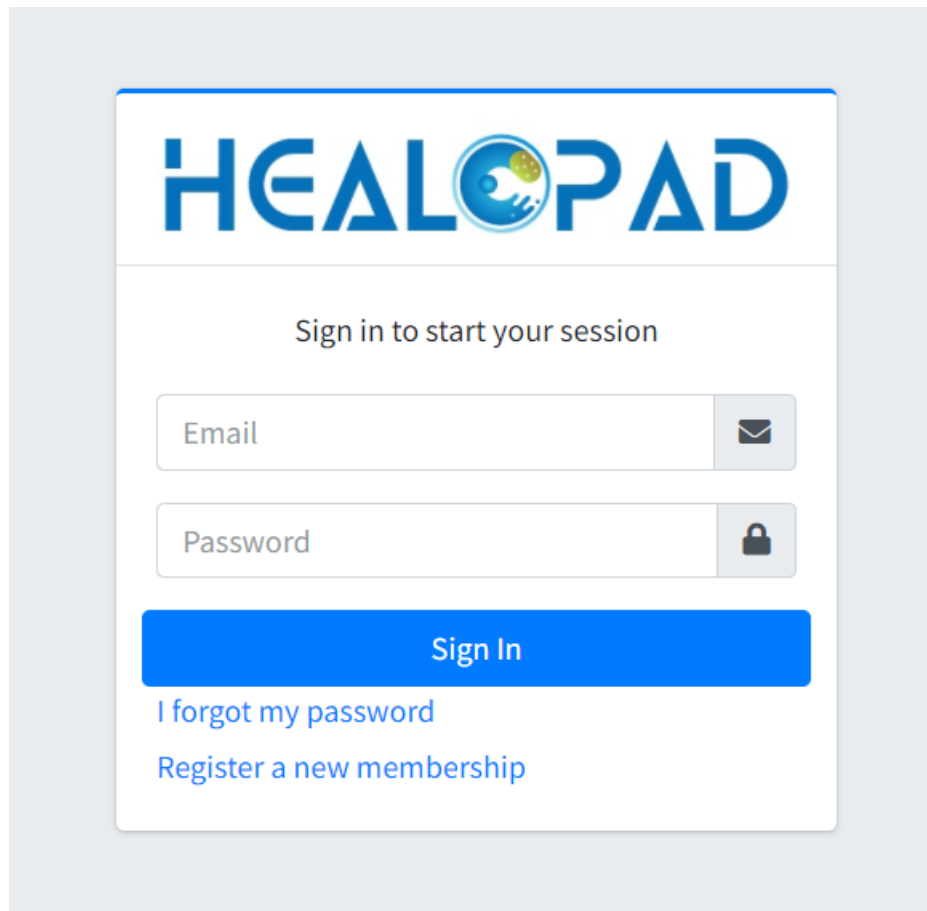


You forgot your password? Here you can easily retrieve a new password.



Continue

Login



The image shows the login interface for HEALOPAD. At the top is the HEALOPAD logo, which consists of the word "HEALOPAD" in blue capital letters, with a circular icon containing a stylized eye and a globe in the center of the "O". Below the logo, the text "Sign in to start your session" is centered. There are two input fields: "Email" with an envelope icon and "Password" with a lock icon. A blue "Sign In" button is positioned below the fields. Underneath the button are two links: "I forgot my password" and "Register a new membership", both in blue text.

The first part is access management where the admin can see all the users in Admin, Physician or Patient level. He can edit their role if required. Here can allocate the favorite role to any user. In Roles he can define the roles dynamically and even define new role.

In last section, he can allocate the access levels to each role.






2-app.healopad - Windows Photo Viewer

File Print E-mail Burn Open

**HEALOPAD** System Administrator

User Management

+ New User Excel Export

| Username(Email)    | User Type  | Fullname             | Status | Email                | Register Date | Manage Roles | Avatar  |
|--------------------|------------|----------------------|--------|----------------------|---------------|--------------|---|
| a@b.com            | Patient    | akbar kabiri         | Active | a@b.com              | 2022/01/26    | Manage Role  |  Edit Delete |
| a.kabiri@tolue.com | Doctor     | akbar kabiri         | Active | a.kabiri@tolue.com   | 2021/06/13    | Manage Role  |  Edit Delete |
| administrator      | Admin User | System Administrator | Active | kabiri_1985@yahoo... | 2019/12/27    | Manage Role  |  Edit Delete |

1 - 3 of 3 items

Windows Taskbar and System Tray

EN 11:07 AM 2/20/2022

3-app.healopad - Windows Photo Viewer

File Print E-mail Burn Open

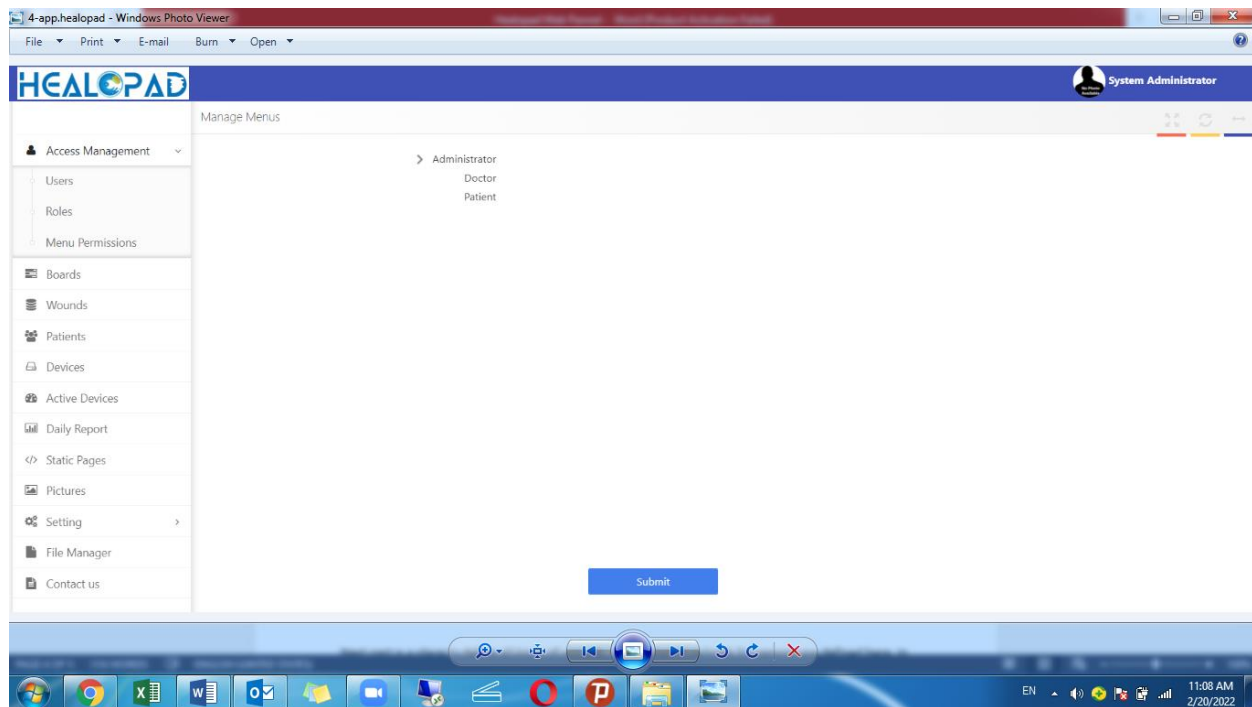
**HEALOPAD** System Administrator

Manage Roles

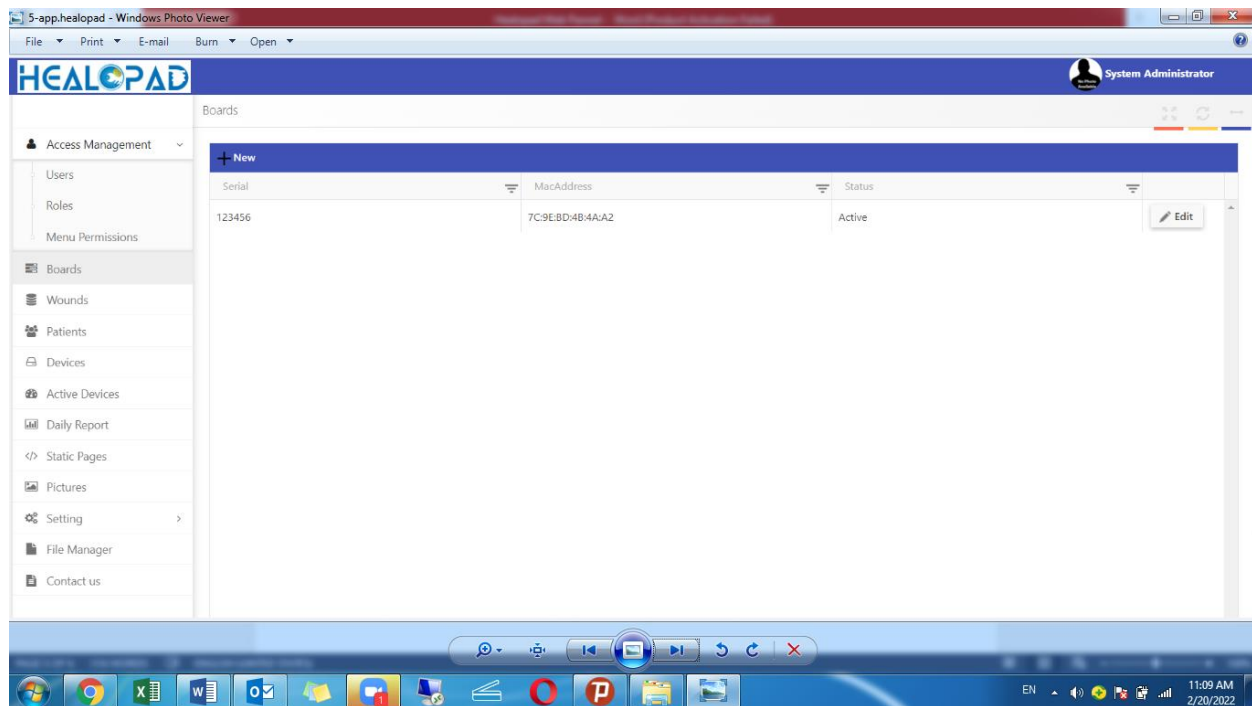
Administrator

Windows Taskbar and System Tray

EN 11:08 AM 2/20/2022



Next section is called Board. Here all the produced boards for the project, their serial number and their correspondent Mac Address should be defined, enabling the user's mobile to receive Mac Address data from server after serial number input and data transmit is ensured from the Pad to the mobile and then to the server.



Admin can also enter the Serial numbers if they are more than one, through excel file.

Next part is a place to define all kinds of wounds. The related thresholds for sensors are defined here. In case of lower or higher quantity is sensed, the related alarm will be sent to the physician and the patient.

The top screenshot shows the 'Manage Wound' interface in the HEALOPAD application. The table lists the following wound types and their thresholds:

| Title        | Oxygen Threshold | Temp Threshold | Humidity Threshold | PH Threshold | UricAcid Threshold | Status   |
|--------------|------------------|----------------|--------------------|--------------|--------------------|----------|
| Wound Type 2 | less than 50     | more than 45   | less than 66       | more than 80 | less than 25       | Inactive |
| Wound Type1  | less than 80     | more than 35   | more than 60       | more than 10 | more than 40       | Active   |

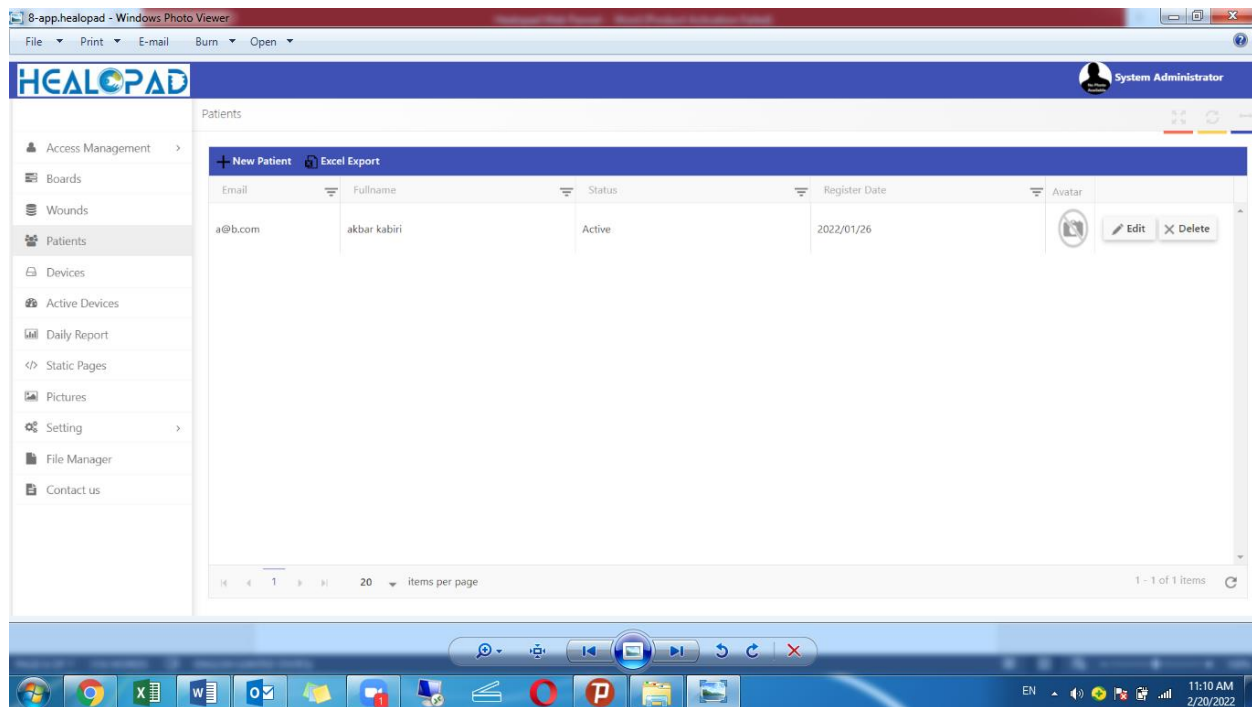
The bottom screenshot shows the 'Edit' dialog box for 'Wound Type 2'. The dialog box contains the following fields:

- Title: Wound Type 2
- Oxygen Threshold Type: less than, Oxygen Threshold: 50
- Temperature Threshold Type: more than, Temperature Threshold: 45
- Humidity Threshold Type: less than, Humidity Threshold: 66
- PH Threshold Type: more than, PH Threshold: 80
- UricAcid Threshold Type: less than, UricAcid Threshold: 25
- Activation: ☐

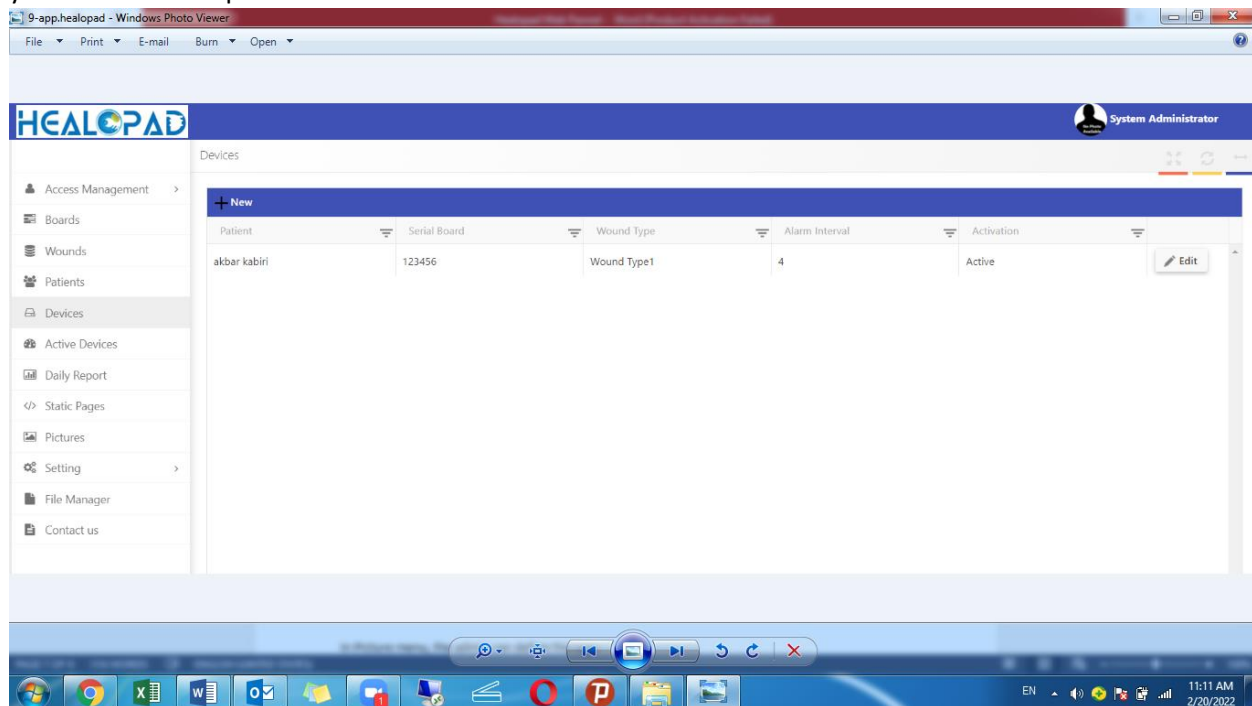
The dialog box also has 'Update' and 'Cancel' buttons at the bottom right.

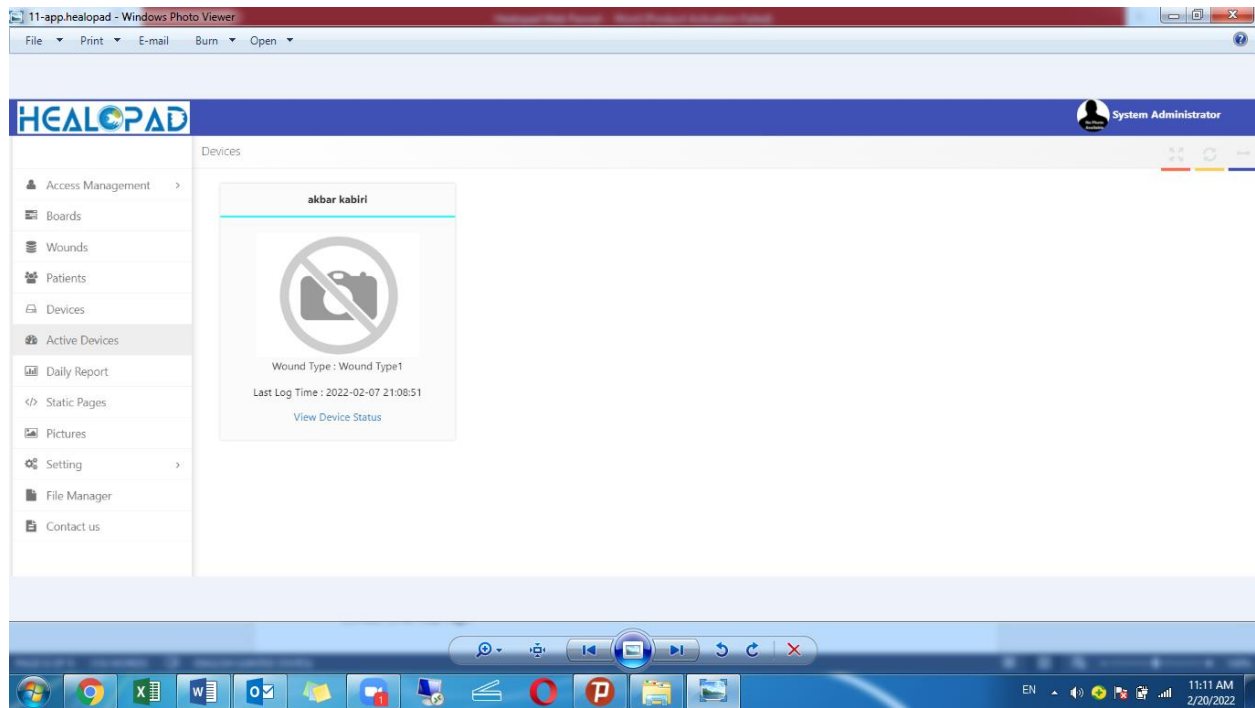
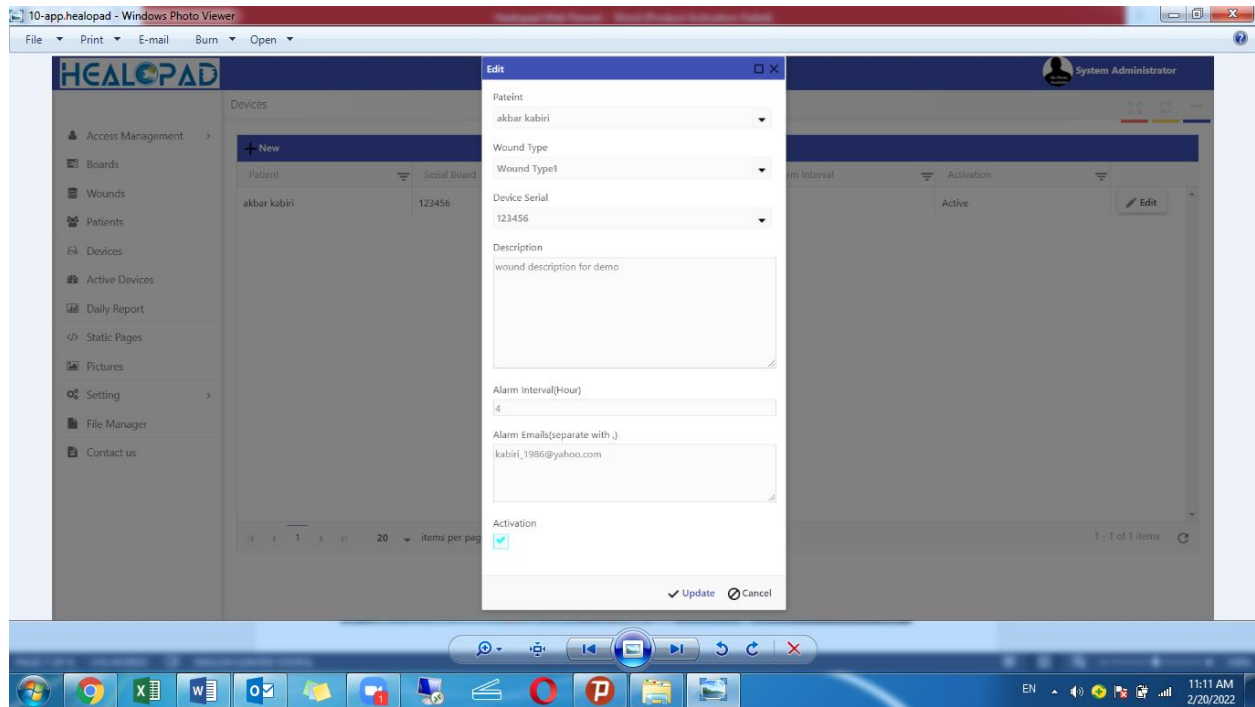
In next part any physician should also define his/her own patients. Then a unit containing a board should be allocated to any patient.

In this part also interval of warning email sending can be defined as well as the receiving email address(es) which should be separated with a comma if more than one.

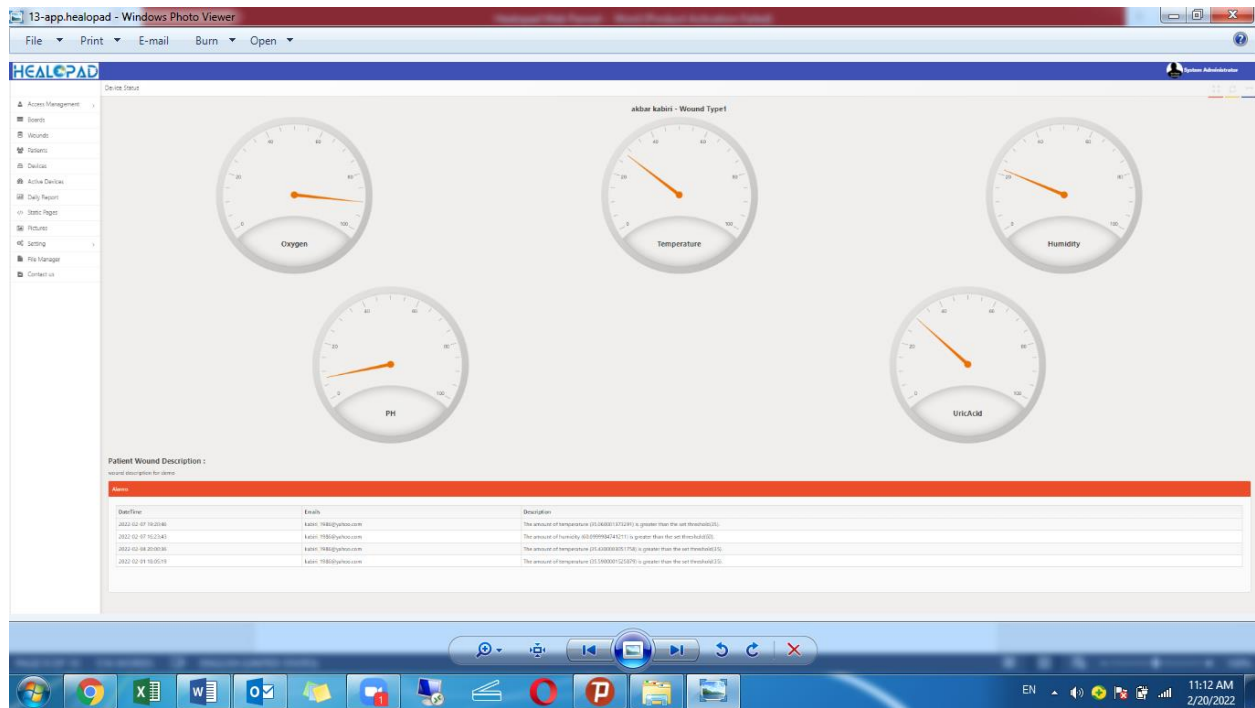
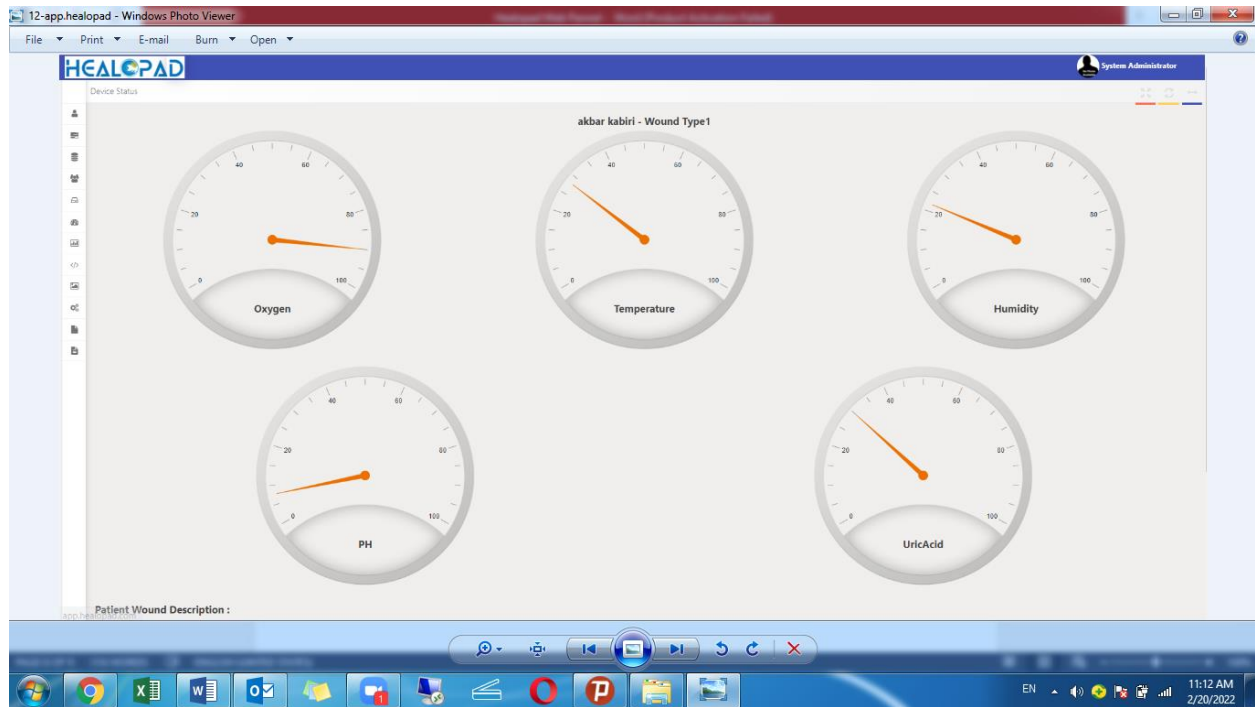


Next part shows the active devices for any doctor including their last time in which data is transmitted from the App to the server. In “View Devices Status” the doctor can monitor the devices situation as per their last data transmitted. Down the page, you can see a log for the sent alarms with explanation. Here you can see a sample email.

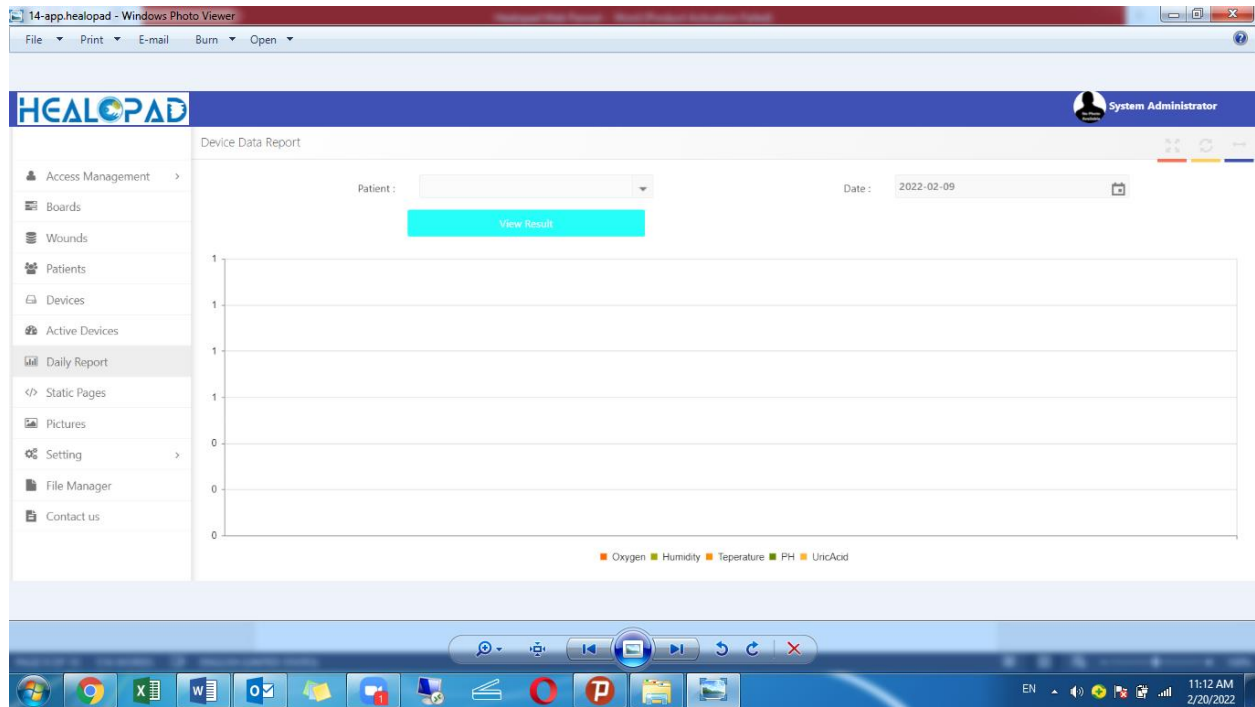




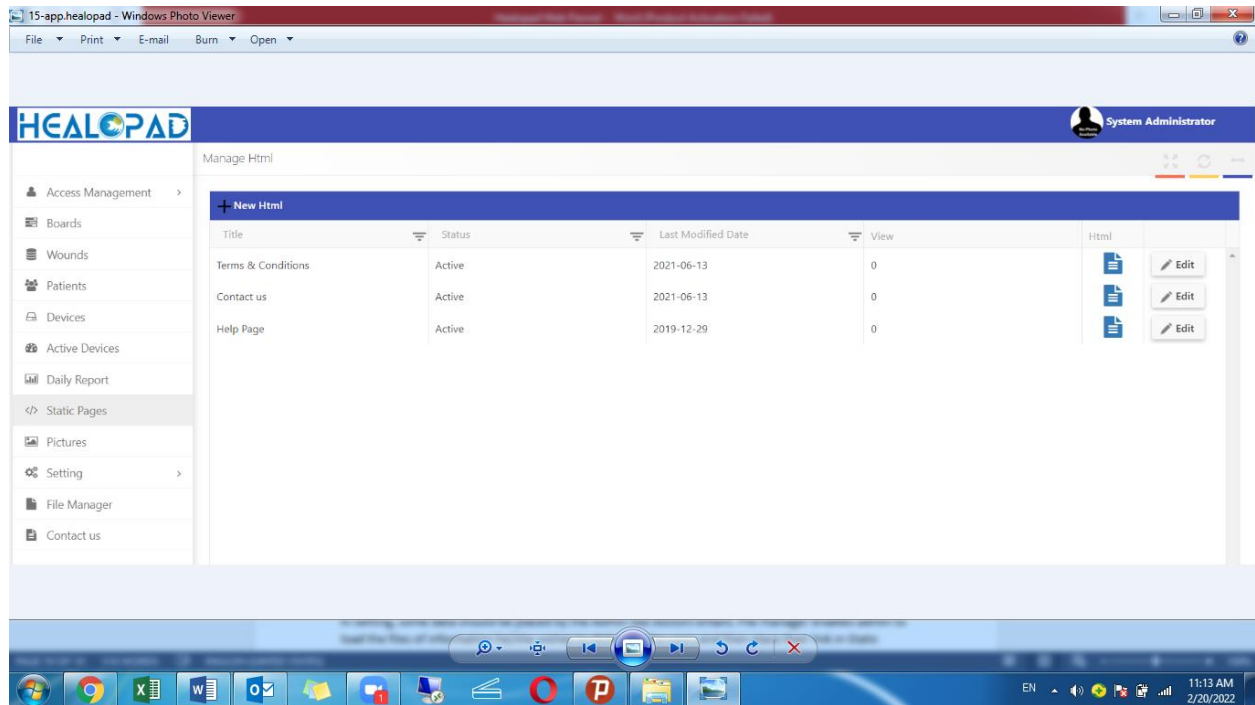




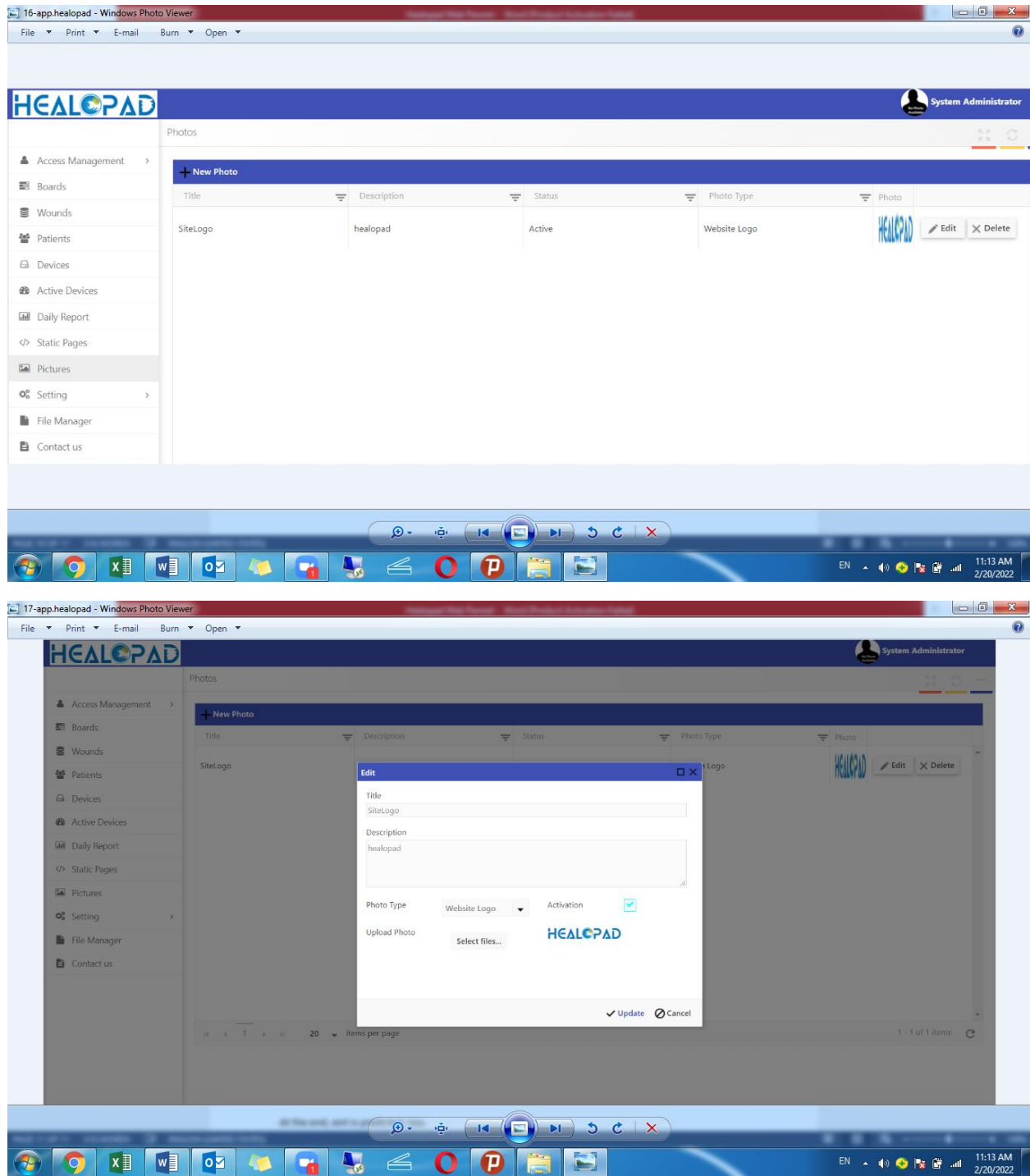
In next part the doctor can receive daily report according to the chosen patient and date.



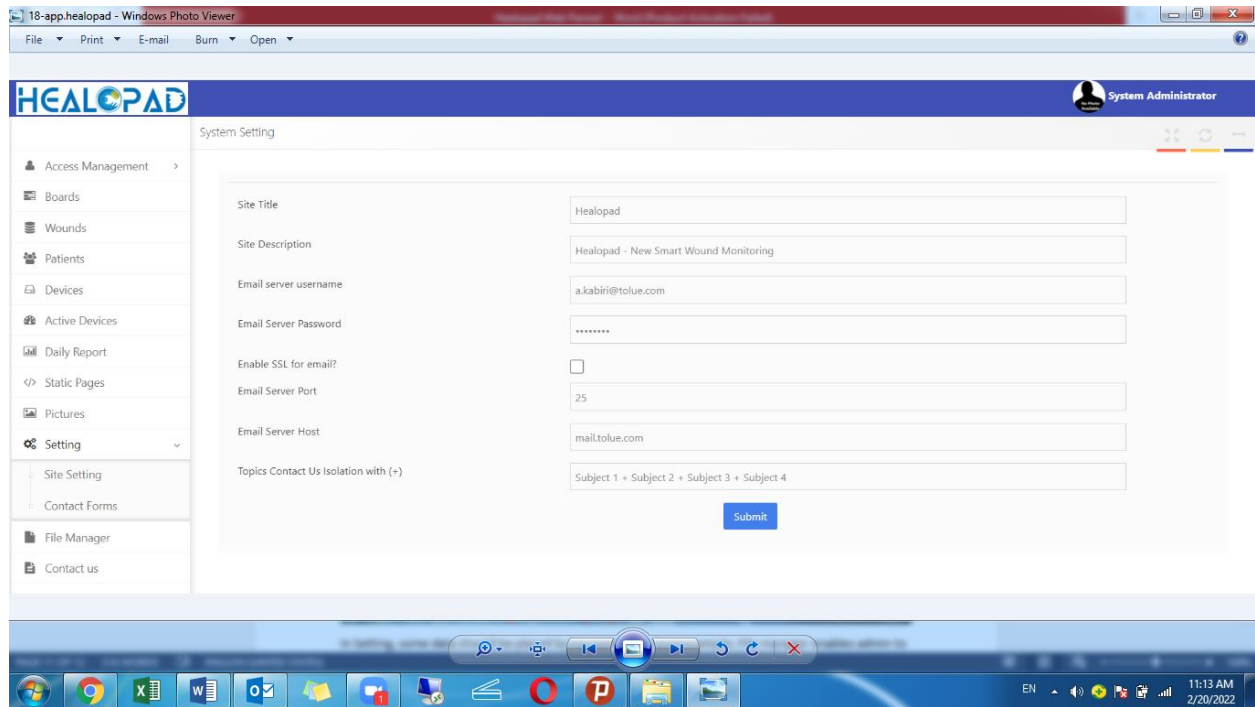
In Static Page, the fixed files and information are placed for the Admin. Such as Terms & Conditions, Contact Us & Help Page.



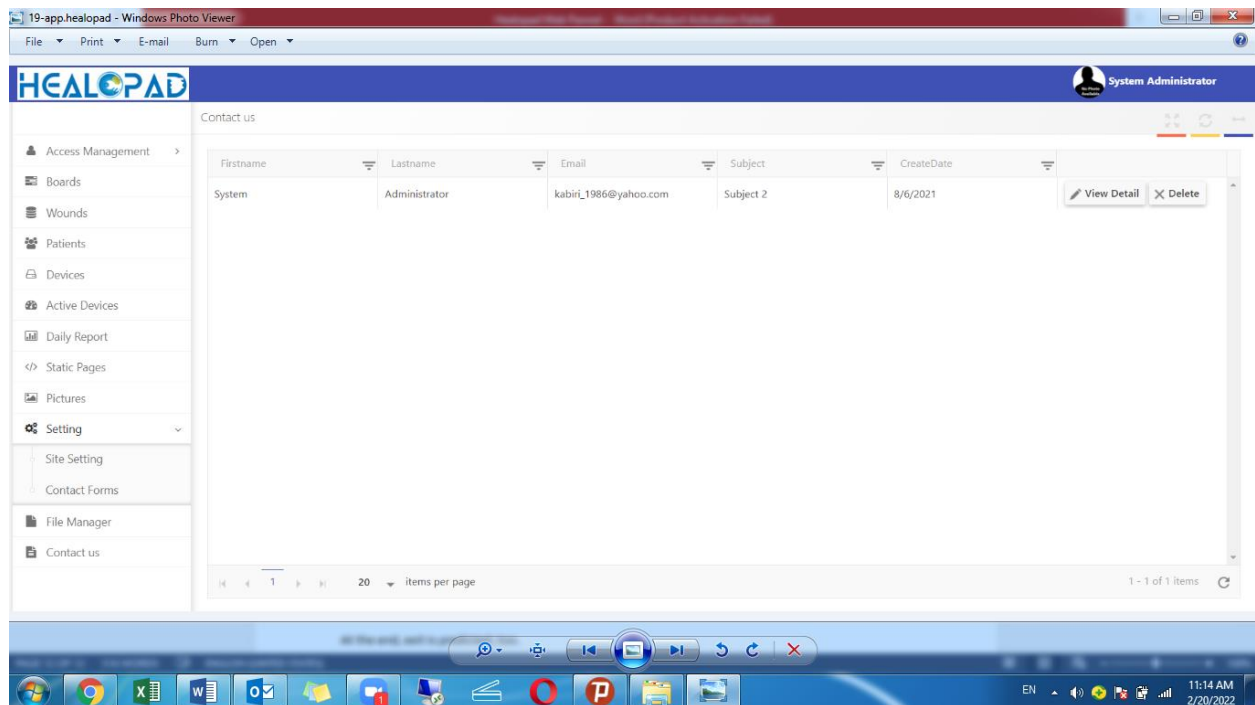
In Picture menu, the admin can define the logo.

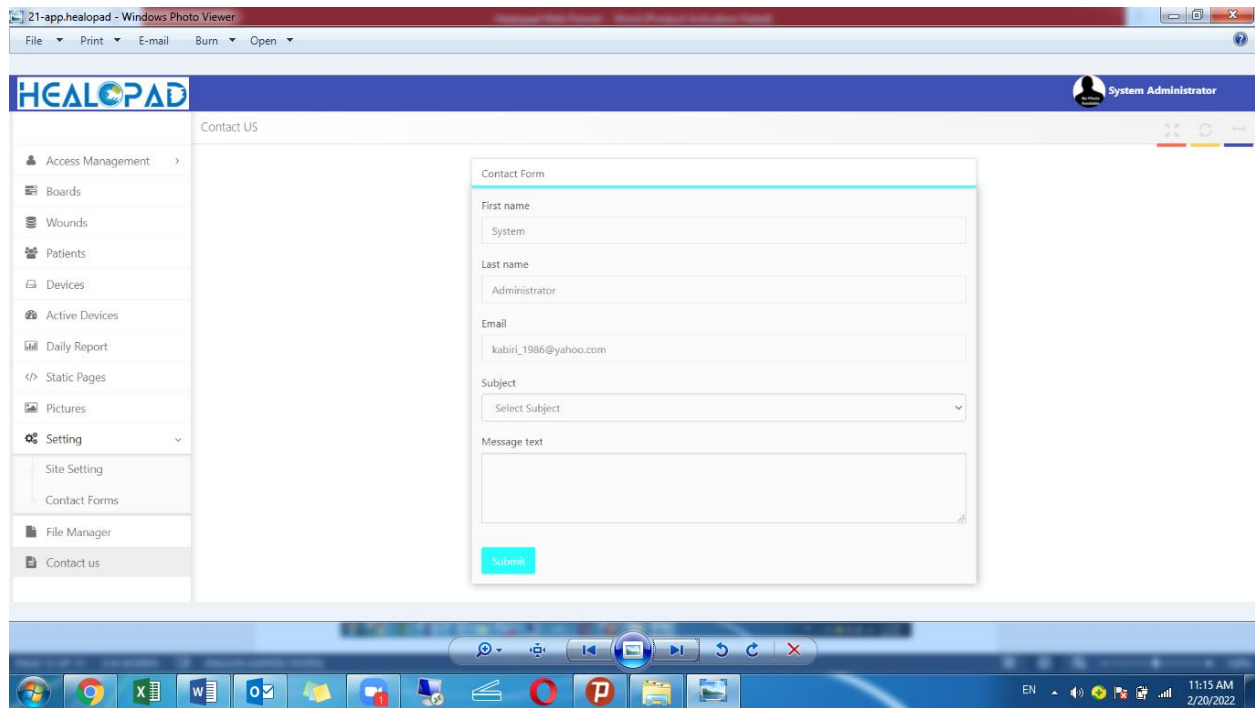
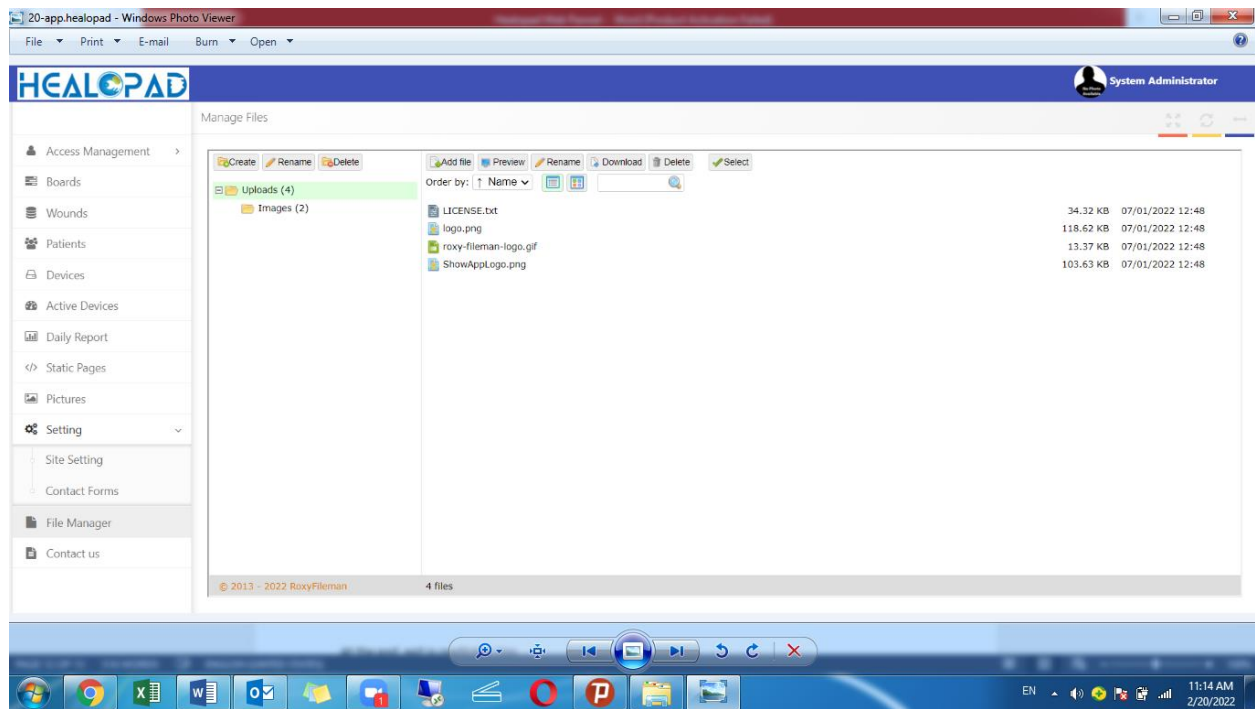


In Setting, some data should be placed by the Admin like doctors emails. File manager enables admin to load the files of information he/she wishes to deliver to the users and then place their link in Static Pages.

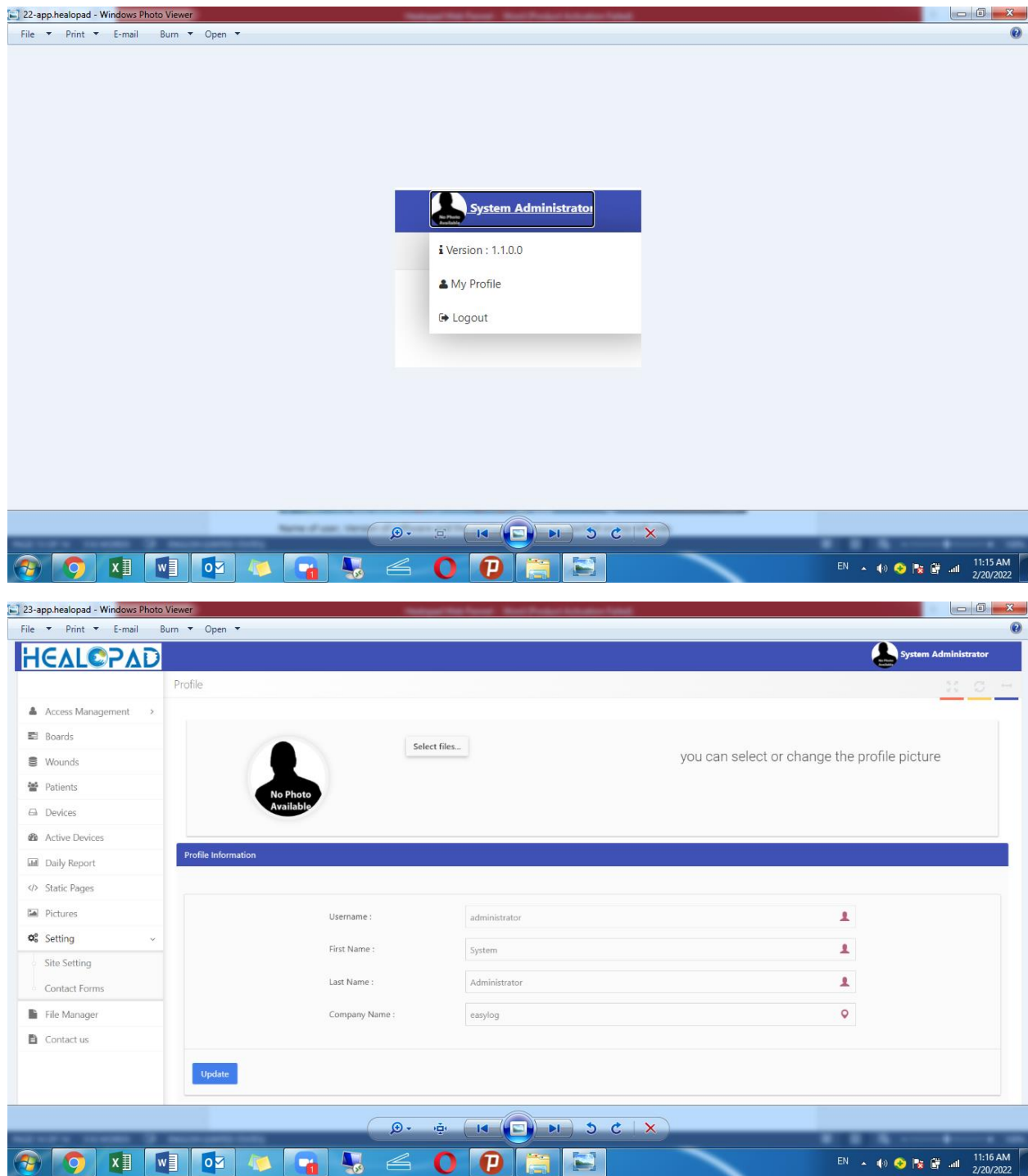


In Contact Us, the doctors can reach to the admin and be in touch while the Admin can see the feedbacks via Contact Forms.





Name of user, Version of software and the user's profile can be reached on top left side.



At the end, exit is predicted, too.

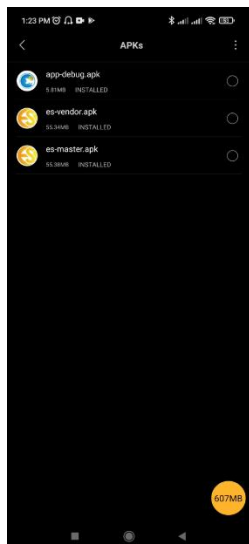
Thanks for your time!

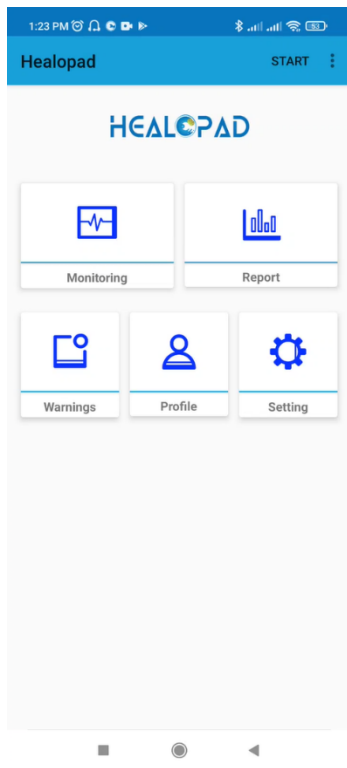
## **Part B- App User Guide**

After Installing the Healopad Software on the mobile phone for the first time, we should enter the Serial No. of the unit here to let the unit receive the information from the Server and be activated in order to receive data from Healopad Board.



Again the software should be entered and for the first time, we should push Start Button on right above the page to give the permit to the software to be connected by Healopad Board via Bluetooth. Mobile now receives the Board Serial Number and Mac Address from the Server and our App starts to look for such a Mac Address to be in contact and receive the Sensors data from Board to feed to the Server.







1:24 PM



Healopad

START



HEALOPAD



Monitoring

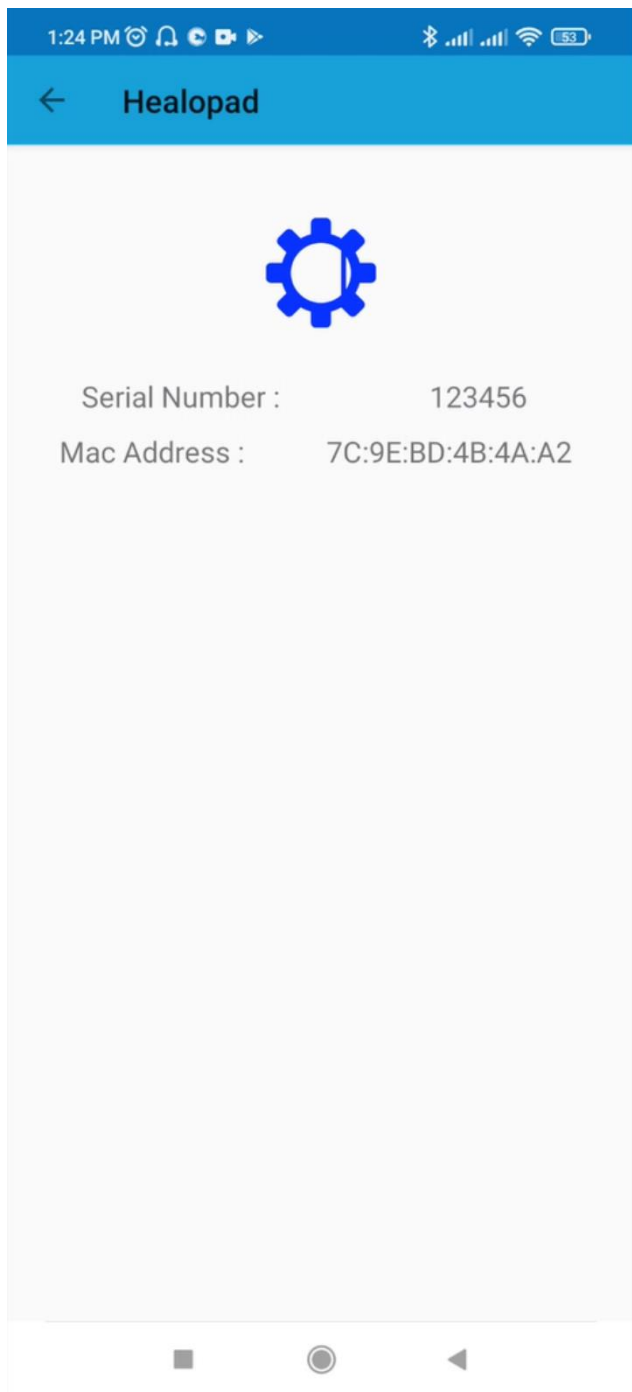


Report

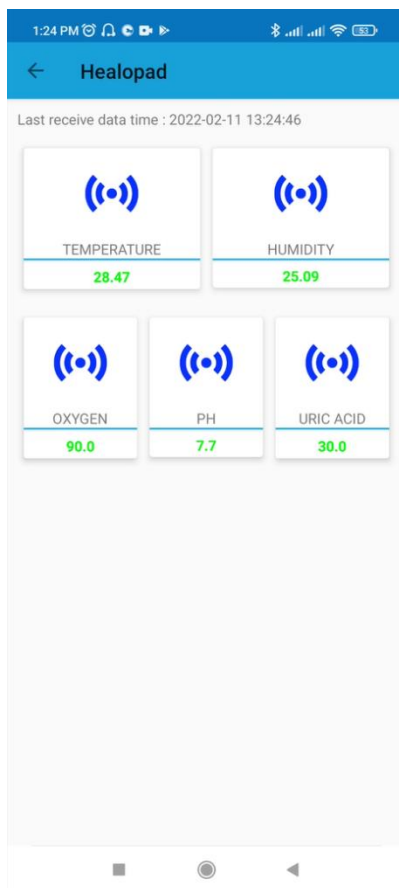
**Location permission required**

This app does not use location information, but scanning for Bluetooth LE devices requires this permission

OK

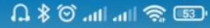


Now you can see the board has connected to our App and the numbers are seen in green color. In fact, the data of sensors are shown on App, in addition to the last time they are received as written above the page.



Each sensor has a high and low threshold as defined on the Server. If the data pass those numbers, the App will send a warning both to the patient via App and the physician by an email from the Server. For example, we have 35 degree for temperature and passing causes a notification by Healopad on the mobile. The warning reason also is shown. There is a log report on warnings, as you see. The patient can delete warnings, too, to note any new warning. You can see in no warning situation, the application message is changed back to: Healopad is Running.

IR-MCI | Irancell



1:26 Friday, February 11



 Healopad • now

**Healopad is Running**



Pause



Stop



Tools

 Google Play Store • 40m



**Setup paused**

Waiting for Wi-Fi (75 MB)



**Warning**

2022-02-11

13:26:23

The amount of temperature is greater than the set threshold.

**Warning**

2022-02-11

13:26:28

The amount of temperature is greater than the set threshold.

**Warning**

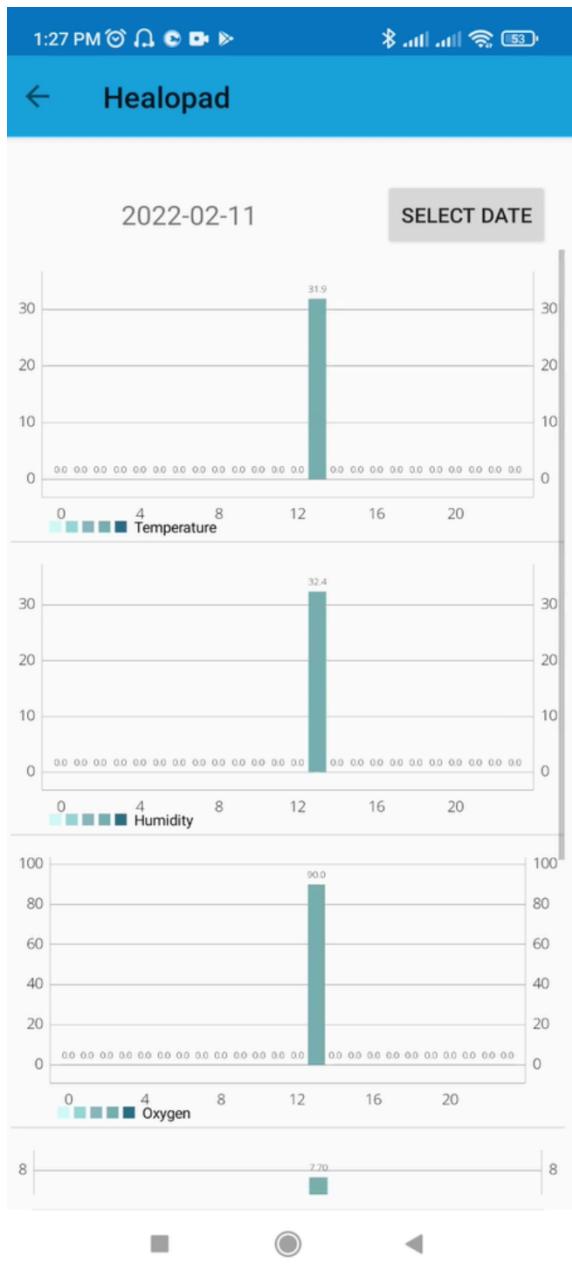
2022-02-11

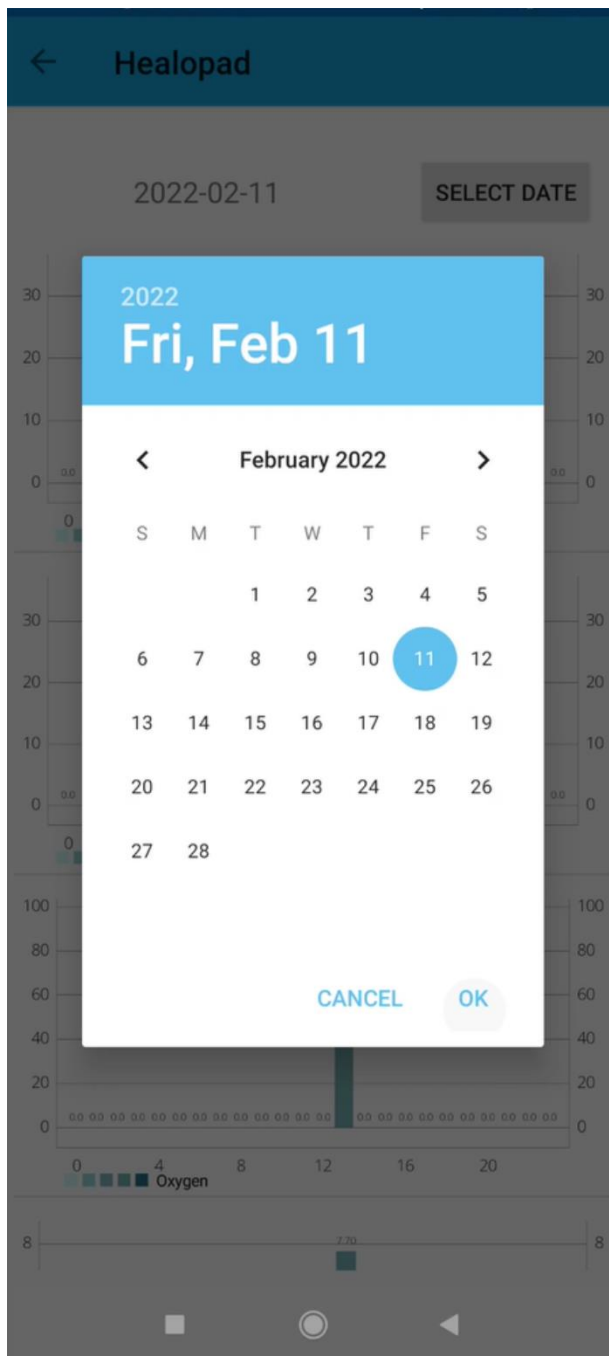
13:26:33

The amount of temperature is greater than the set threshold.

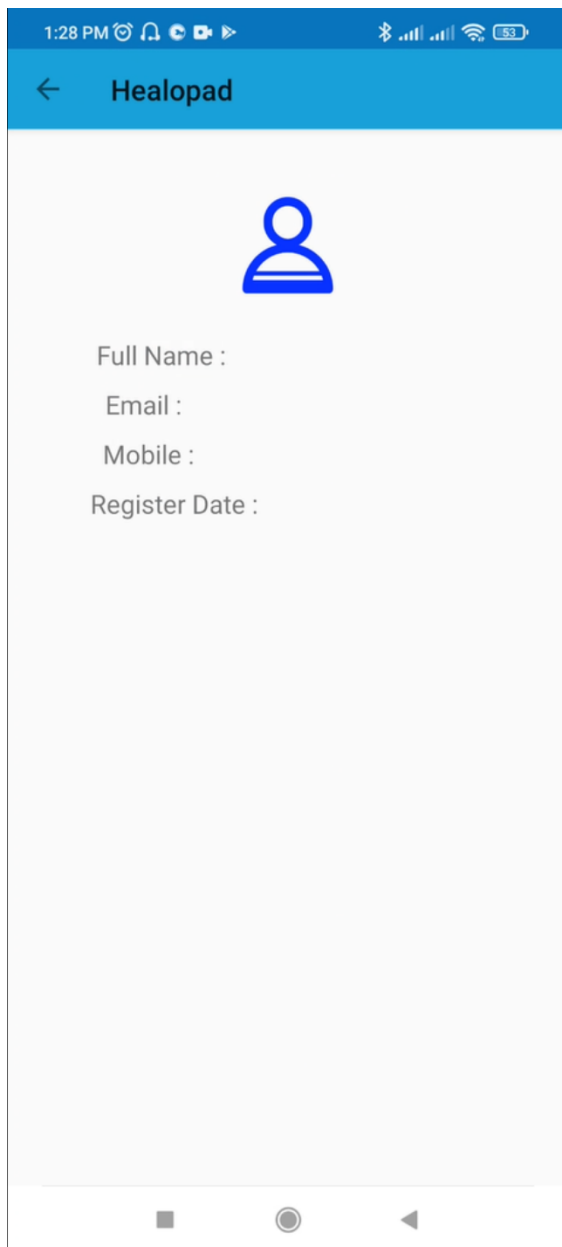


In Report section, a chart is visible for each 24 hours.





User can see his/her profile data in the App to check data accuracy placed on the board. Again in Setting the Board Serial Number and Mac Address is shown.



Healopad software is always running in the background even if we exit the software and in case the unit has connection to the Internet, the received data from the board will be saved on the phone while sending them to the Server to let the physician know about the Sensors data.