Screenshots of Smart Medicine Dispensing System Code

These screenshots of code only include the main functions, not the entirety of the code.

1. Welcome Screen

```
when Login_Button .Click
do open another screen screenName Login_Screen .

when Signup .Click
do open another screen screenName Signup_screen ...
```

2. Signup Screen

```
when Submit .Click
   UserName
               valueToStore
                             Name ▼ . Text ▼
   " UserPassword "
               valueToStore
                         trim Password . Text -
   set Label1 . Visible to true
   License -
   open another screen screenName
open another screen screenName
                        welcomescreen -
```

3. Login Screen

4. DOPS Screen

```
when DOPS .Initialize
do a if call Intakestore .GetValue
                                         ...
                       valueIfTagNotThere
    then set Name . Enabled to true .
         set Name . Enabled to false
          set Name ▼ . Text ▼ to Call Intakestore ▼ .GetValue
                                                            * Name *
                                          valuelfTagNotThere
    Nooftimes 1
                                         ...
                       valueIfTagNotThere
    then set Nooftimes . Enabled to true
        set Nooftimes ▼ . Enabled ▼ to false ▼
          set Nooftimes ▼ . Text ▼ to [ cal Intakestore ▼ .GetValue
                                                               * Nooftimes *
                                             valuelfTagNotThere [ * | 1 | 1
   set TextBox1 ▼ . Text ▼ to Freplace all text Call Intakestore ▼ .GetValue
                                                                       * Startdate *
                                                     valuelfTagNotThere
                                             " Startdate "
                                   segment
                                             .0.
    set TextBox2 ▼ . Text ▼ to
                              replace all text
                                             call Intakestore ▼ .GetValue
                                                                        " Enddate "
                                                     valuelfTagNotThere
                                   segment
                                             " Expirydate "
                                             ...
                                replacement
    set TextBox3 ▼ . Text ▼ to replace all text
                                             call Intakestore - .GetValue
                                                                        * StartTime *
                                                     valuelfTagNotThere
                                   segment
                                             " StartTime "
                                replacement
                                             ...
    set TextBox4 . Text to replace all text
                                             call Intakestore ▼ .GetValue
                                                                       * EndTime *
                                                   valueIfTagNotThere
                                             " EndTime "
                                   segment
                                replacement (
```

```
when Submit .Click
do initialize local Name to Name . Text in in initialize local NoofTimes to Nooftimes . Text in call Intakestore .StoreValue tag "Name" valueToStore join get Name call Intakestore .StoreValue tag "Nooftimes" valueToStore join get NoofTimes call intake_start .
```

5. Screen 1

```
when Dispense_Button . Click
do ☐ if BluetoothClient1 ▼ . Enabled ▼
    then if not BluetoothClient1 - . IsConnected -
           then set global pairedDevices to create empty list
                 for each item in list BluetoothClient1 . AddressesAndNames .
                     add items to list list get global pairedDevices
                                       item get item -
                         length of list list get global pairedDevices > 0
                       set ListPicker1 - . Elements - to BluetoothClient1 - . AddressesAndNames -
                       call ListPicker1 ▼ .Open
                       call Notifier1 . ShowMessageDialog
                                                 message
                                                                      NO paired devices<br />
br />
                                                                      Use device settings to pair the BT module
                                                     title
                                                            " [ERROR] "
                                                buttonText
                                                            " Cancel "
                 call Notifier1 ▼ .ShowChooseDialog
                                         message
                                                     Close the BT connection
                                                     " Close Connection "
                                       button1Text
                                                     " Yes "
                                       button2Text
                                                     " No "
                                                    false
                                        cancelable
         call Notifier1 - .ShowMessageDialog
                                                Bluetooth is turned off
                                    message
                                                " ERROR "
                                         title
                                                " Cancel "
                                   buttonText
```

```
when ListPicker1 .AfterPicking
do if call BluetoothClient1 - .Connect
                                   address |
                                            ListPicker1 ▼ . Selection ▼
    then set BT_BUTTON_btn . Text . to ... "Connected "
          call saveConnectionAddress -
                             address ListPicker1 ▼ . Selection ▼
          BluetoothClient1 - IsConnected -
          then 🔯 if
                        compare texts Dispense_Button . Text . = . "Dispense Medicine"
                then call BluetoothClient1 .SendText
                                               text
                                                      " 📵 "
                      call buttonOFF -
                      set Web1 ▼ . Url ▼ to https://script.google.com/macros/s/AKfycbxSfYgXl... "
                      text
                                             🤠 join
                                                      " MedicineName= "
                                                      call Intakestore . GetValue
                                                                                  " Name "
                                                               valuelfTagNotThere
                                                                                  " .
                                                       " &Timetaken= "
                                                       call Clock1 ▼ .FormatDateTime
                                                                                    call Clock1 ▼ .Now
                                                                            instant
                                                                                    " MM/dd/yyyy hh:mm:ss
                                                                           pattern
         call Notifier1 .ShowMessageDialog
                                  message
                                             join ( " Cannot Connect to "
                                                    ListPicker1 - Selection -
                                             " ERROR "
                                 buttonText
                                             " Cancel "
```

6. Intakesummary

```
when Web1 .GotText

url responseCode responseType responseContent

do set global web to list from csv table text get responseContent for each item in list get global web do add items to list list get global read litem list get global read litem list get global read litem list get litem lindex 1
initialize global web to ( create empty list
 initialize global read to 🕻 🖸 create empty list
     initialize global url to | initialize global url to initialize global u
                                                                                                                                 " (?ID= "
                                                                                                                                 " 189goHfnzlT8LXulzhZzlO6_JrYCrieESVC9ZatnIrno "
                                                                                                                                " &SH " " Sheet1 "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "0"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     select list item list get item index 2
     when Send_button .Click
do call Sharing1 .ShareMessage
                                         message / TextBox3 - Text -
                                                                                                                                                                                                                                                                                                                                                                         set ListView1 ▼ . Elements ▼ to get global read ▼
                                                                                                                                                                                                                                                                                                                                                                  hen Button3 - .Click
     do open another screen screenName Screen1
                                                                                                                                                                                                                                                                                                                                                           do call Dr_Sreenivas .MakePhoneCall
     when Intakesummary Initialize
do set Web1 . Url to i i join get global url
                                                                                                                                                                " &func=ReadAll "
                    call Web1 ▼ .Get
            hen Button2 .Click
        do call Dr_Shroff .MakePhoneCall
```