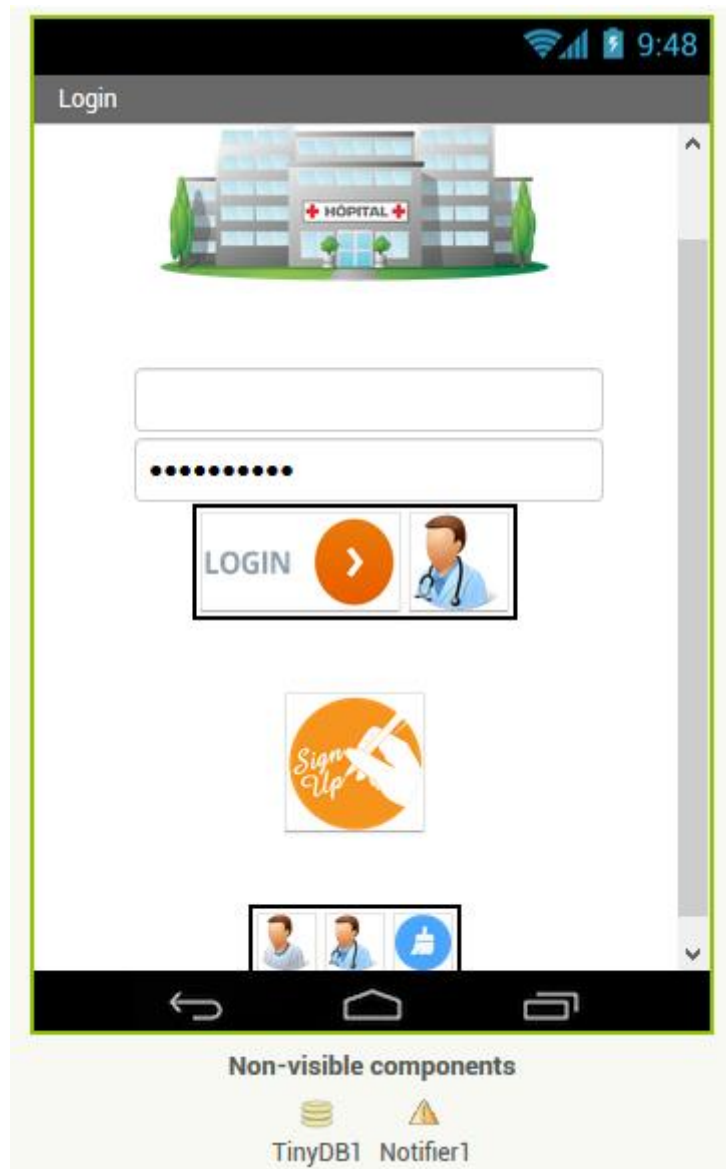


ANDROID BASED DOCTOR NOTIFICATION APPLICATION USING MIT APP INVENTOR

LOGIN SCREEN



```

when btnClear .Click
do
  set txtemail .Text to ""
  set txtpassword .Text to ""

```

```

when btnsignup .Click
do
  open another screen screenName "SignUp"

```

```

initialize global LoginDetails to create empty list

```

```

when Screen1 .Initialize
do
  set global LoginDetails to call TinyDB1 .GetValue
  tag "Patients"
  valueIfTagNotThere create empty list
  set listPatients .Elements to get global LoginDetails

```

```

when btnlogin .Click
do
  if is in list? thing txtemail .Text
  list get global LoginDetails
  then
    set TextBoxname .Text to select list item list
    index 1
    call TinyDB1 .GetValue
    tag txtemail .Text
    valueIfTagNotThere ""
    set TextBoxpass .Text to select list item list
    index 6
    call TinyDB1 .GetValue
    tag txtemail .Text
    valueIfTagNotThere ""
    if TextBoxpass .Text == txtpassword .Text
    then
      open another screen screenName "Patient"
    else
      call Notifier1 .ShowMessageDialog
      message "Invalid Login Credentials."
      title "Error"
      buttonText "OK"

```

```

when btnpatientsshortcut .Click
do
  open another screen screenName "Patient"

```

```

when btndoctorsshortcut .Click
do
  open another screen screenName "Doctor"

```

```

when btndminddoctor .Click
do
  if txtemail .Text == "doctor@hospital.gov" and txtpassword .Text == "administrator"
  then
    open another screen screenName "Doctor"
  else
    call Notifier1 .ShowMessageDialog
    message "Invalid Login Credentials."
    title "Error"
    buttonText "OK"

```

USER SIGN UP SCREEN

9:48

Sign Up



Gender:

add items... ▾

Blood Group:

add items... ▾



☐ I Agree to the Terms and Conditions.

 SIGN UP NOW



Non-visible components

Notifier1 TinyDB1

```
when DatePicker1 AfterSelecting
do
  set todob * Text * to 0 join DatePicker1 Day *
  0 *
  DatePicker1 MonthText *
  0 *
  DatePicker1 Year *
end

when Spinner1 AfterSelecting
do
  set labelgroup * Text * to 0 get selection *
end

when Spinner2 AfterSelecting
do
  set labelgroup * Text * to 0 get selection *
end

create global Patients to 0 create empty list
```

```
when Sprinkle Initialize
do
  set global Patients to 0 call TimDB1 Retrieve
  lay Patients
  value Iight There 0 create empty list
  set ListPickerPatients Elements to 0 get global Patients
end

when button1 Click
do
  if 0 is in list thing
  set get global Patients
  then call NotificationCenter ShowMessageDialog
  message Sorry The Email address is already in use
  title Error
  buttonText OK
  else if
  0 is in list thing
  set global Patients
  then call NotificationCenter ShowMessageDialog
  message Passwords do not match
  title Error
  buttonText OK
  else if
  0 is in list thing
  set global Patients
  then call NotificationCenter ShowMessageDialog
  message Please make sure that all the entries are filled
  title Error
  buttonText OK
  end
```

```
when button1 Click
do
  if 0 is in list thing
  set get global Patients
  then call NotificationCenter ShowMessageDialog
  message Sorry The Email address is already in use
  title Error
  buttonText OK
  else if
  0 is in list thing
  set global Patients
  then call NotificationCenter ShowMessageDialog
  message Passwords do not match
  title Error
  buttonText OK
  else if
  0 is in list thing
  set global Patients
  then call NotificationCenter ShowMessageDialog
  message Please make sure that all the entries are filled
  title Error
  buttonText OK
  end
```

```
when button1 Click
do
  if 0 is in list thing
  set get global Patients
  then call NotificationCenter ShowMessageDialog
  message Sorry The Email address is already in use
  title Error
  buttonText OK
  else if
  0 is in list thing
  set global Patients
  then call NotificationCenter ShowMessageDialog
  message Passwords do not match
  title Error
  buttonText OK
  else if
  0 is in list thing
  set global Patients
  then call NotificationCenter ShowMessageDialog
  message Please make sure that all the entries are filled
  title Error
  buttonText OK
  end
```

```
when button1 Click
do
  call NotificationCenter
```

DOCTOR'S SCREEN



```
when btnpatients .Click  
do open another screen screenName " DoctorPatients "
```

```
when btncomplaints .Click  
do open another screen screenName " DoctorComplaints "
```

```
when btnpost .Click  
do open another screen screenName " DoctorPost "
```

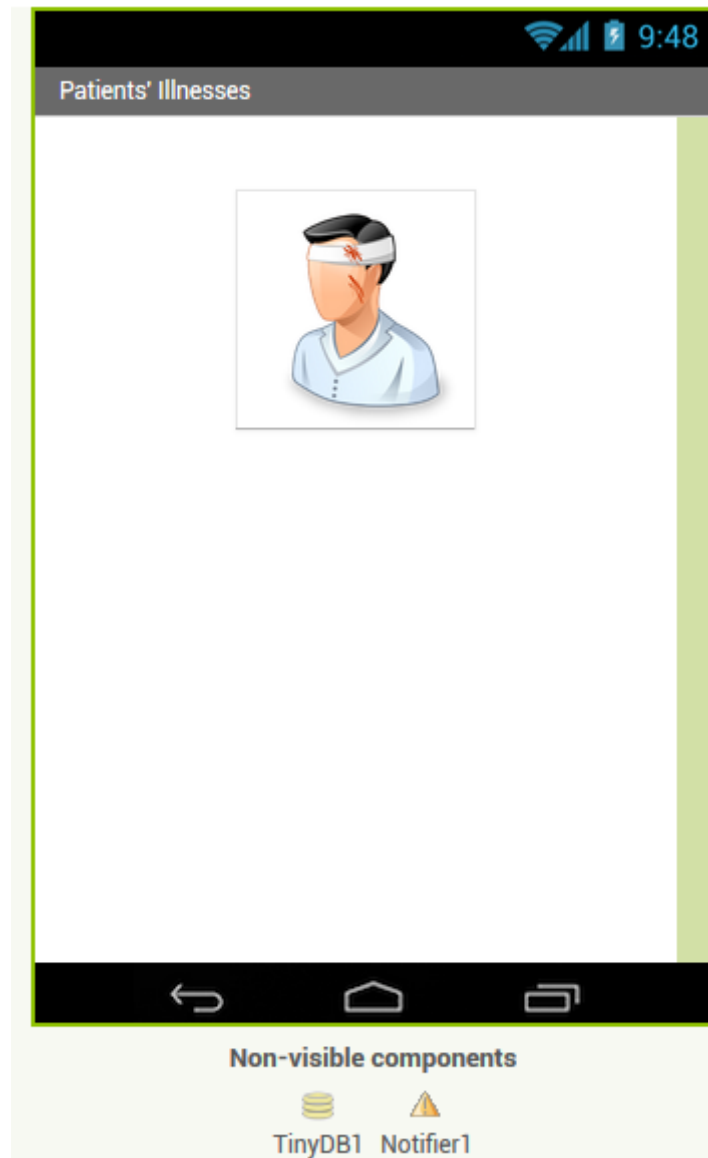
PATIENT'S SCREEN



```
when btnnewpatient .Click  
do open another screen screenName " PatientForm "
```

```
when btndiagnosis .Click  
do open another screen screenName " PatientDiagnosis "
```

DOCTOR'S PATIENTS' ILLNESSES SCREEN



when btnClear Click
do
call clear

to clear
do
set TableArrangement1 Visible to false
set TableArrangement2 Visible to false

initialize global complaints to create empty list

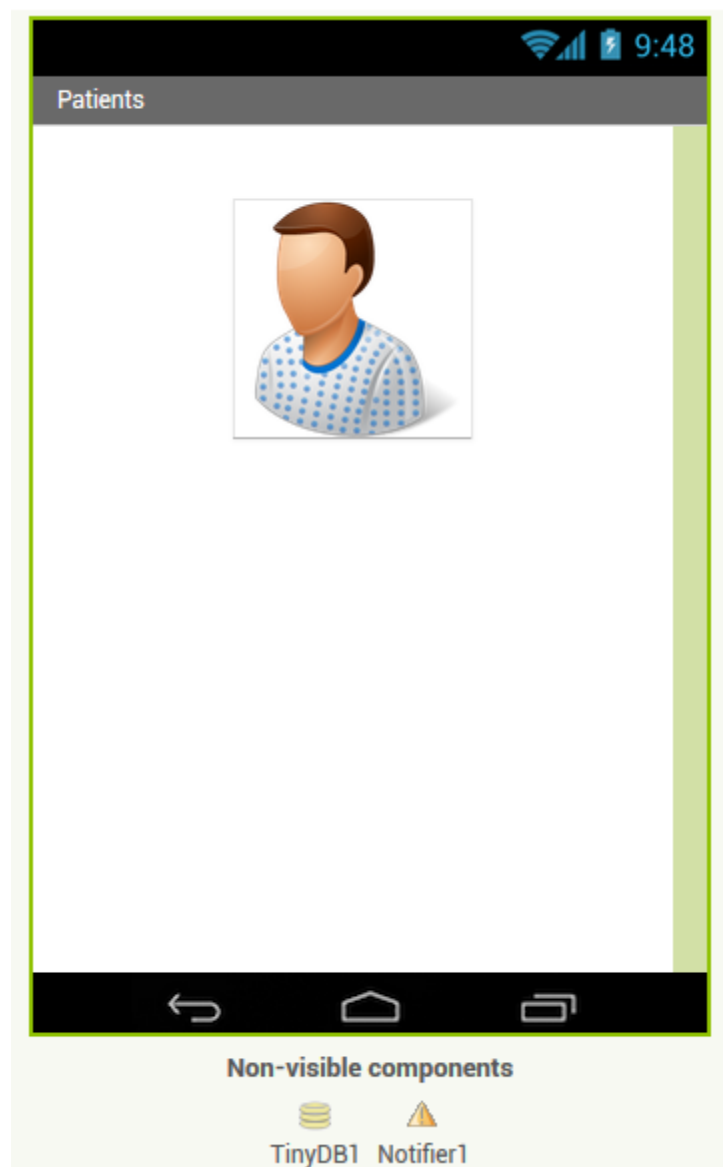
when DoctorComplaints Initialize
do
set global complaints to call TinyDB1 .GetValue
tag "ComplaintList"
valueIfTagNotThere create empty list
set lstsickpatients .Elements to get global complaints
set listdeletepatientillness .Elements to get global complaints

? when lstsickpatients AfterPicking
do
set TableArrangement1 Visible to true
set TableArrangement2 Visible to true
set txtemail .Text to lstsickpatients .Selection
set txtcomplaint .Text to select list item list
call TinyDB1 .GetValue
tag lstsickpatients .Selection
valueIfTagNotThere ""
index 1

initialize global payCount to 200

when listdeletepatientillness AfterPicking
do
set global payCount to 400
if
get global payCount = 400
then
remove list item list
index index in list thing
list
call TinyDB1 .StoreValue
tag "ComplaintList"
valueToStore get global complaints
set lstsickpatients .Elements to get global complaints
set listdeletepatientillness .Elements to get global complaints
call clear
call Notifier1 .ShowMessageDialog
message "The patient's diagnosis request has been erased ..."
title "Success"
buttonText "OK"
set global payCount to 200

DOCTOR'S PATIENT LIST SCREEN



```

when btnClear.Click
do
  call clear

to clear
do
  set TableDetails.Visible to false
  set TableControls.Visible to false

```

```

initialize global patientList to create empty list

when DoctorPatients.Initialize
do
  set global patientList to call TinyDB1.GetValue
  tag Patients
  valueIfTagNotThere create empty list
  set lstpatients.Elements to get global patientList
  set lstDeletePatients.Elements to get global patientList

```

```

when lstpatients.AfterPicking
do
  set TableDetails.Visible to true
  set TableControls.Visible to true
  set txtemail.Text to lstpatients.Selection
  set txtname.Text to select list item list
  tag lstpatients.Selection
  valueIfTagNotThere
  index 1
  set txtname.Text to select list item list
  tag lstpatients.Selection
  valueIfTagNotThere
  index 2
  set txtgender.Text to select list item list
  tag lstpatients.Selection
  valueIfTagNotThere
  index 3
  set txtbloodgroup.Text to select list item list
  tag lstpatients.Selection
  valueIfTagNotThere
  index 4
  set txtdob.Text to select list item list
  tag lstpatients.Selection
  valueIfTagNotThere
  index 5
  set txtpassword.Text to select list item list
  tag lstpatients.Selection
  valueIfTagNotThere
  index 6

```

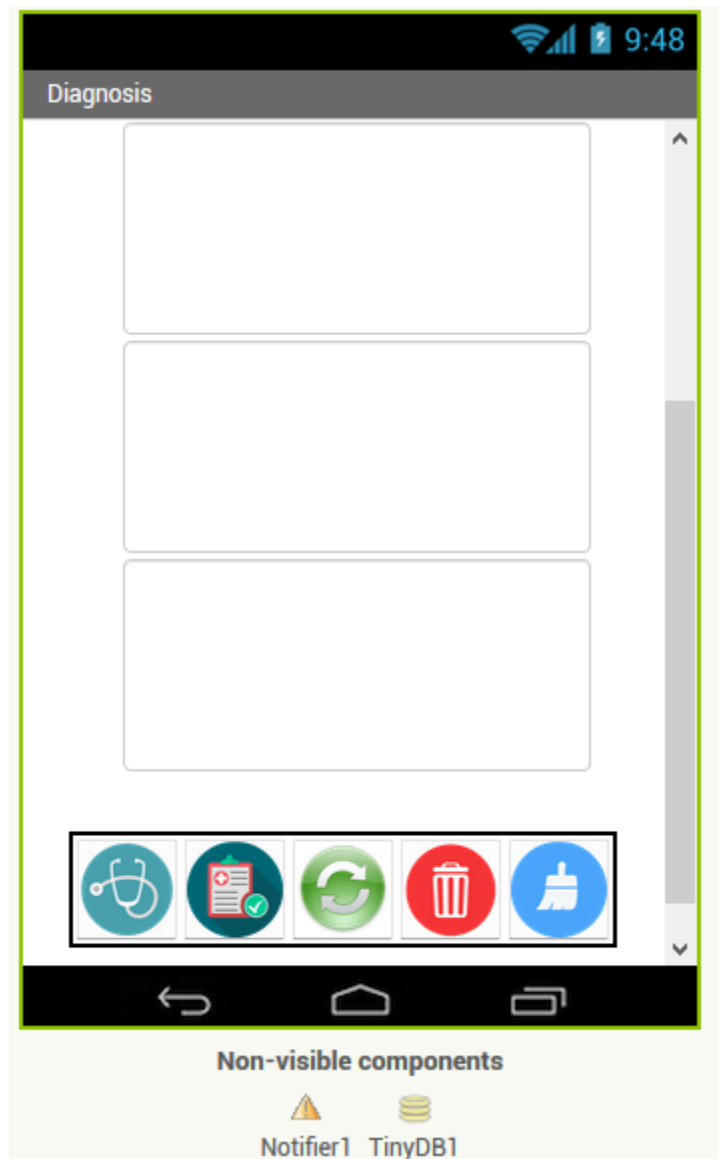
```

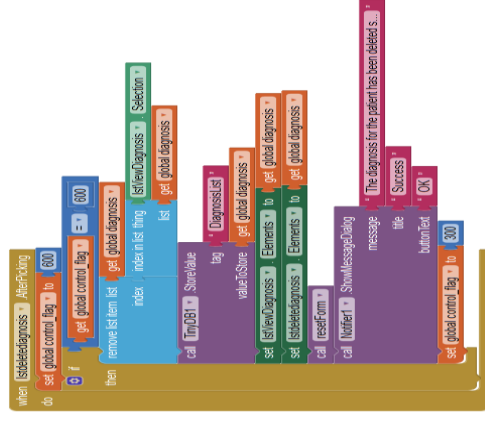
initialize global payCount to 100

when lstDeletePatients.AfterPicking
do
  set global payCount to 200
  if
  get global payCount = 200
  then
    remove list item list
    index index in list thing lstpatients.Selection
    list get global patientList
    call TinyDB1.StoreValue
    tag Patients
    valueToStore get global patientList
    set lstpatients.Elements to get global patientList
    set lstDeletePatients.Elements to get global patientList
    call clear
    call Notifier1.ShowDialog
    message The patient has been erased successfully
    title Success
    buttonText OK
    set global payCount to 100

```

DOCTOR'S DIAGNOSIS SCREEN





PATIENT ILLUSTRATION OF ILLNESS SCREEN



initialize global complainList to create empty list

```
when PatientForm.Initialize
do
  set global complainList to call TinyDB1.GetValue
  tag "ComplaintList"
  valueIfTagNotThere create empty list
  set listComplaints.Elements to get global complainList
```

```
when btnClear.Click
do
  call resetForm
```

```
to resetForm
do
  set txtEmail.Text to ""
  set txtComplaint.Text to ""
```

```
when btnSendComplaint.Click
do
  if is in list? thing txtEmail.Text
  list get global complainList
  then
    call Notifier1.ShowDialog
    message "Your diagnosis request has already been sent. Pl..."
    title "Information"
    buttonText "OK"
  else if txtEmail.Text ≠ "" and txtComplaint.Text ≠ ""
  then
    call TinyDB1.StoreValue
    tag txtEmail.Text
    valueToStore make a list txtComplaint.Text
    add items to list list get global complainList
    item txtEmail.Text
    call TinyDB1.StoreValue
    tag "ComplaintList"
    valueToStore get global complainList
    set listComplaints.Elements to get global complainList
    call resetForm
    call Notifier1.ShowDialog
    message "Your diagnosis request has been sent successfully."
    title "Success"
    buttonText "OK"
  else
    call Notifier1.ShowDialog
    message "Please fill in all the relevant information.."
    title "Error"
    buttonText "OK"
```

PATIENT DIAGNOSIS SCREEN

