

BAB V

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Berdasarkan hasil pembahasan yang telah penulis jabarkan pada halaman sebelumnya, maka penulis dapat menarik kesimpulan bahwa:

1. Aplikasi Pembelajaran berbasis android dengan nama *MINLearn* ini berhasil dibangun dan dapat digunakan sebagai sarana pembelajaran untuk anak-anak.
2. Aplikasi *MINLearn* berhasil dipasang di *smartphone* dan dipergunakan oleh siswa-siswi di MIN Kefamenanu.
3. Memiliki tampilan *interface* yang *user friendly* sehingga membuat siswa-siswi mudah menggunakan aplikasi *MINLearn*.

5.2 Saran

Berikut ini adalah beberapa saran yang penulis sampaikan yang dapat dijadikan pertimbangan untuk sistem selanjutnya sebagai berikut:


1. Kedepannya agar aplikasi dapat dikembangkan sehingga dapat berjalan di sistem operasi lain.
2. Diharapkan pada pengembangan selanjutnya akan ada penambahan fitur seperti monitoring akun oleh orang tua.
3. Perlu ditambahkan *history* penilaian untuk setiap anak yang sudah mengerjakan quiz.

DAFTAR PUSTAKA

- Aprilia, N., & Rosnelly, R. (2020). Aplikasi Media Pembelajaran Pengenalan Angka Dan Huruf Untuk Anak Usia Dini Menggunakan Augmented Reality Berbasis Android. *Jurnal FTIK*, 1(1), 967–980.
- BAB II LANDASAN TEORI 2.1 Pengertian Rekayasa Perangkat Lunak.* (1968). 1–20.
- Dedi Putra Widi Utama, R. A. (2020). Aplikasi Mobile Learning Pada Mata Pelajaran. *Jurnal Terapan Sains & Teknologi*, 2(4), 287–293.
- Hutabri, E., & Putri, A. D. (2019). Perancangan Media Pembelajaran Interaktif Berbasis Android Pada Mata Pelajaran Ilmu Pengetahuan Sosial Untuk Anak Sekolah Dasar. *Jurnal Sustainable: Jurnal Hasil Penelitian Dan Industri Terapan*, 8(2), 57–64. <https://doi.org/10.31629/sustainable.v8i2.1575>
- Kuswanto, J., & Radiansah, F. (2018). Media Pembelajaran Berbasis Android Pada Mata Pelajaran Sistem Operasi Jaringan Kelas XI. *Jurnal Media Infotama*, 14(1). <https://doi.org/10.37676/jmi.v14i1.467>
- Maya, U. G. (2005). *Bab 2 Sejarah Android.* 5–14. [http://repository.untag-sby.ac.id/514/3/BAB 2.pdf](http://repository.untag-sby.ac.id/514/3/BAB%202.pdf)
- Rahman Yuniarto, S. (2010). *Hardware Komputer dan Fungsinya.* 1–7.
- Permatasari, I. (2015). No Title על העיוורון. *Journal of Geotechnical and Geoenvironmental Engineering ASCE*, 120(11), 259.
- Tahel, F., & Ginting, E. (2019). Perancangan aplikasi media pembelajaran pengenalan pahlawan nasional untuk meningkatkan rasa nasionalis berbasis android. *Teknomatika*, 09(02), 113–120. <http://ojs.palcomtech.com/index.php/teknomatika/article/view/467>
- UNISSULA, T. I. (2009). Pengenalan Komputer. *Buku Materi IT Literacy*, 1–26.

LAMPIRAN

Lampiran 1 Surat Izin Penelitian

 KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI
UNIVERSITAS TIMOR
FAKULTAS PERTANIAN
Jalan Km 09 Kelurahan Sasi, Kefamenanu
Laman : unimor.ac.id, e-mail: universitastimor@yahoo.co.id

07 April 2022

Nomor : 25 / UN60.1.10. /EP/2022
Lampiran : Satu Setds
Perihal : Mohon Izin Penelitian
Yth.
Kepala Sekolah Madrasah Ibtidaiyah Negeri Kefamenanu
Di-
Tempat

Bersama Surat ini kami menyampaikan bahwa salah satu syarat penyelesaian tugas akhir Mahasiswa Strata Satu (S1) di Fakultas Pertanian Unimor adalah Penelitian. Berkaitan dengan itu, kami mohon kiranya Bapak dapat memberikan ijin kepada Mahasiswa kami:

Nama : Nurliah Aprianti
NPM : 51180089
Prodi : Teknologi Informasi

Untuk melaksanakan penelitian dengan Judul “ Multimedia Pembelajaran Pengenalan Perangkat Keras Bagi Siswa Sekolah Dasar Menggunakan Aplikasi Minilearn”. Waktu disesuaikan dilapangan.

Demikian surat permohonan ini kami sampaikan. Atas perhatian dan kerja sama kami ucapkan terima kasih.

Mengetahui,
Ketua Program Studi Teknologi Informasi

Darsono Nababan, S. Kom, M. Kom
NIP: 198502222019031008

Tembusan:
1. Wakil Dekan 1 Fakultas Pertanian;
2. Ketua Program Studi Teknologi Informasi Faperta Universitas Timor

Lampiran 2 Dokumentasi Penelitian



Survei lokasi di MIN Kefamenanu



Survei lokasi di MIN Kefamenanu



Wawancara singkat dengan Kepala Sekolah MIN Kefamenanu



Sosialisasi aplikasi MINLearn ke siswa-siswi MIN Kefamenanu



Demo penggunaan program di kelas VB



Demo penggunaan program di kelas VA



Pengisian kuesioner oleh siswa-siswi di Kelas VA



Pengisian kuesioner oleh siswa-siswi di Kelas VB




Pengisian kuesioner oleh siswa-siswi di Kelas VA



Pengisian kuesioner oleh siswa-siswi di Kelas VB

Lampiran 3 Kartu Kontrol Bimbingan Skripsi



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS TIMOR
FAKULTAS PERTANIAN
 Jalan Km.9, Kelurahan Sasi, Kefamenanu-Timor-NTT 85613
 Telepon 0338-2705800, Fax 0338-2705802
 email : unimor@yahoo.co.id

KARTU KONTROL BIMBINGAN SKRIPSI

Nama : Nurliah Aprianti
 NPM : 51180089
 Program Studi : Teknologi Informasi
 Semester : VIII
 Judul Skripsi : Multimedia Pembelajaran TIK Bagi Siswa Sekolah Dasar Menggunakan Aplikasi MINLearn

No.	TANGGAL MASUK	MASALAH	SARAN	PARAF	TANGGAL KEMBALI	PARAF
1.	28/05/2022	Bab I - V	- menghilangkan END - Penulisan format	<i>[Signature]</i>	06/06/2022	<i>[Signature]</i>
2.	06/06/2022	Bab I - V	- menambah spesifikasi perangkat - menambah garis di echo - diagram	<i>[Signature]</i>	07/06/2022	<i>[Signature]</i>
3.			- menambahkan daftar pustaka			
4.			- mengubah referensi di aplikasi MINLearn			
5.	07/06/2022	Bab I - V	<i>[Signature]</i>	<i>[Signature]</i>	16/06/2022	<i>[Signature]</i>
6.						
7.						
8.						
9.						
10.						

Kefamenanu, 10/2 - 2022
 Dosen Pembimbing : I
[Signature]
 (Yoseph P.K. Kelep, S.Si., S.Kom., M.Kom)
 NIP 198011292021211002



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS TIMOR
FAKULTAS PERTANIAN

Jalan Km.9, Kelurahan Sasi, Kefamenanu-Timor-NTT 85613
Telepon 0338-2705800, Fax 0338-2705802
email : unimor@yahoo.co.id

KARTU KONTROL BIMBINGAN SKRIPSI

Nama : Nurliah Aprianti
NPM : 51180089
Program Studi : Teknologi Informasi
Semester : VIII
Judul Skripsi : Multimedia Pembelajaran TIK Bagi Siswa Sekolah Dasar Menggunakan Aplikasi MINLEARN

No.	TANGGAL MASUK	MASALAH	SARAN	PARAF	TANGGAL KEMBALI	PARAF
1.	13/04/2022	Bab 3, 4 dan 5	- Flowchart yang diuraikan - Tabel analisis	R	19/04/2022	R
2.			- Perbaiki model URS case - Menambahkan tabel - Perbaiki tabel	R		R
3.			- Perbaiki activity diagram - Rencanakan presentasi - merancang user story	R		R
4.	19/04/2022	Bab 2 - 5	- Menambahkan GUI - Pada menu admin - Perbaiki PDA/PL	R	27/04/22	R
5.			- Perbaiki DPPL - Melengkapi perancangan antar muka sistem	R		R
6.	23/04/2022	Bab 1 - 5	- Menambahkan desk user - Menambahkan notifikasi pada aplikasi	R	25/05/2022	R
7.	25/04/2022	Bab 1 - 5	Simple system launch	R		R
8.						
9.						
10.						

Kefamenanu, 06/06/2022
Dosen Pembimbing : II

(Krisantus J. Tey Seran, ST.,M.T)
NIP 19851025 201903 1 009

Lampiran 4 Blok Coding Kodular

Screen Login

```
when Screen_Login Initialize
do
  set Screen_Login Show Title Bar Back Button to true

when Screen_Login Title Bar Back Button Clicked
do
  close screen

when Screen_Login Error Occurred
component function Name error Number message
do
  call Notifier1 Dismiss Progress Dialog
  call Notifier1 Show Message Dialog
  message
  if contains text get message
  piece http
  then https://***
  else get message
  title join Error
  get error Number
  button Text OK

when Label_pass Click
do
  if compare texts Label_pass Text = visibility_off
  then
    set Label_pass Text to visibility
    set tb_pass Input Type to 1
  else
    set Label_pass Text to visibility_off
    set tb_pass Input Type to 2
  call tb_pass Request Focus
  call tb_pass Set Cursor At End

if is empty tb_username Text
then
  call Notifier1 Show Alert
  notice Masukan Username !
  call tb_username Request Focus
else if is empty tb_pass Text
then
  call Notifier1 Show Alert
  notice Masukan Password !
  call tb_pass Request Focus
else if length tb_pass Text <= 8
then
  call Notifier1 Show Alert
  notice Minimal Panjang Password 8 !
  call tb_pass Request Focus
else if not call Network1 is Connected
then
  call Notifier1 Show Messa...
else
  call Login
```

```

do
  call Notifier1 - Show Progress Dialog
  message
  title Loading
  do
    call Web1 - URL to
    url
    do
      call cb MNLearn ->rbt - Get Value
      tag
      value If Tag Not There
    end
  end
  call Web1 - Post Text
  text
  do
    join
    Screen.Login
  end
  do
    join
    USERNAME=
    uppercase
    tb_username - Text
  end
  do
    join
    BPASS=
    tb_pass - Text
  end
end

```

```

when Web1 - Response Content
  contains text
  get response Content
  place
  then
    enhance base
    output
    do
      call cb MNLearn ->rbt - Get Value
      tag
      value If Tag Not There
    end
    do
      compare text
      select list item list
      index
      do
        call Web1 ->rbt - Store Value
        tag
        value To Store
        do
          select list item list
          index
          do
            tb_username - Text
          end
          do
            select list item list
            index
            do
              tb_pass - Text
            end
          end
        end
      end
      do
        compare text
        select list item list
        index
        do
          Screen.Admin.Home
        end
      end
      do
        compare text
        select list item list
        index
        do
          Screen.User.Home
        end
      end
    end
  end
  call Notifier1 - Show Message
  message
  title Gagal login
  button Text
  OK
end
call Notifier1 - Show Message

```

```

when Web1 - Timed Out
  url
  do
    call Notifier1 - Dismiss Progress Dialog
    call Notifier1 - Show Message Dialog
    message
    title Cek jaringan internet anda
    title Gagal koneksi
    button Text
    OK
  end
end

```

Screen 1

```

initialize global logout to false

if get global logout
then close application
else
set global logout to true
set Clock_Logout Timer Enabled to true
call Notifier1 ShowAlert notice "Ketuk lagi untuk keluar"

when Screen1 Initialize
do call set_database

to set_database
do
call db_MINLearn_atribut Store Value
tag URLScript_SheetUser
value To Store https://script.google.com/macros/s/AKfycbyCbD1pc...

call db_MINLearn_atribut Store Value
tag SheetUser_URLGetAll
value To Store https://docs.google.com/spreadsheets/d/
1Asnfvf_uAeiwwPvRthz9piZslyA9zvUGdT3akA1QWqY
/export?format=csv&gid=
0

call db_MINLearn_atribut Store Value
tag URLScript_SheetMateri
value To Store https://script.google.com/macros/s/AKfycbyCbD1pc...

call db_MINLearn_atribut Store Value
tag SheetMateri_URLGetAll
value To Store https://docs.google.com/spreadsheets/d/
1Asnfvf_uAeiwwPvRthz9piZslyA9zvUGdT3akA1QWqY
/export?format=csv&gid=
1759111827

call db_MINLearn_atribut Store Value
tag URLScript_SheetQuiz
value To Store https://script.google.com/macros/s/AKfycbyCbD1pc...

call db_MINLearn_atribut Store Value
tag SheetQuiz_URLGetAll
value To Store https://docs.google.com/spreadsheets/d/
1Asnfvf_uAeiwwPvRthz9piZslyA9zvUGdT3akA1QWqY
/export?format=csv&gid=
144171206

call db_MINLearn_atribut Store Value
tag FOLDER_ID
value To Store 1J6tz_xc60QDw6Vxdm9_7HEcEq-98z05Z

```

```

when Screen1 Other Screen Closed
other Screen Name result
do
if not is empty get result
then open another screen screenName get result

when Clock_Logout Timer
do
set Clock_Logout Timer Enabled to false
set global logout to false

```

Screen Admin Edit Materi

```

when Screen_Admin_EditMateri initialize
do
  call Screen_Admin_EditMateri Ask For Permission
  permission Name WriteExternalStorage
  call Screen_Admin_EditMateri Ask For Permission
  permission Name ReadExternalStorage
  set Screen_Admin_EditMateri Show Title Bar Back Button to true
  set to:judul Text to select list term list
  select list term list
  index
  set to:link Text to join
  https://www.google.com/webv
  select list term list
  split list
  select list term list
  get string value
  index
  index
  MPA/AggP23H0mg
  
```

```

when Screen_Admin_EditMateri Title Bar Back Button Clicked
do
  close screen with value result false
  
```

```

call Notifier1 Show Message Dialog
message
  if contains text get message
  piece http
  then https://***
  else get message
  title join Error
  get error Number
  button Text OK
  
```

```

initialize global string_foto to ""
  
```

```

when Image_Picker1_thumb After Picking
selection
do
  if
  call KIO4_Base641 GetApi > 29
  then
  set Image_Picker1_thumb Text to call file_name
  call FileTools1 CopyFileA...
  else
  set Image_Picker1_thumb Text to call file_name
  call KIO4_Base641 FileToS...
  
```

```

to file_name result call F...
  
```

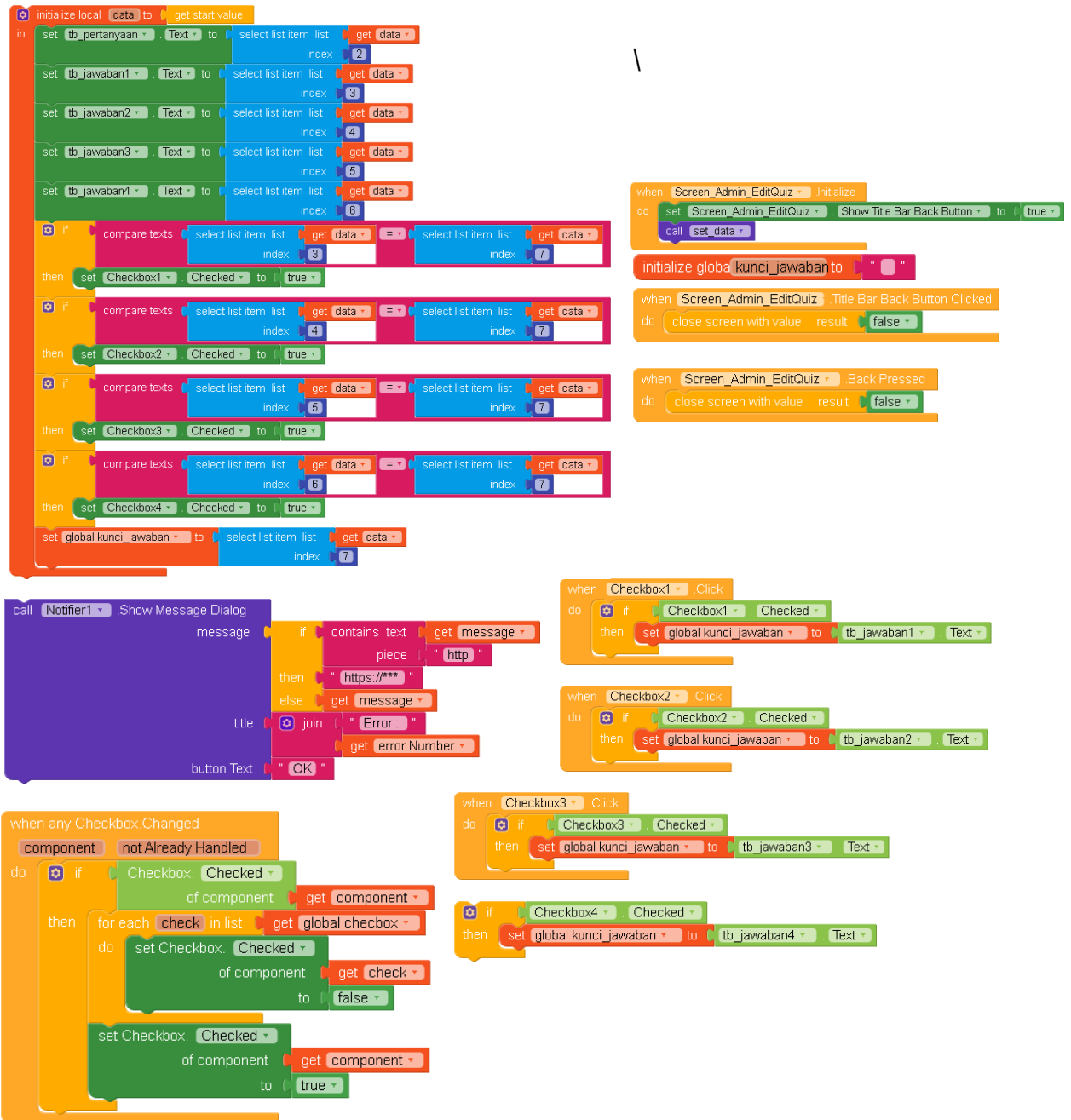
```

when FileTools1 FileCopied
successful response
do
  if
  get successful
  then
  call KIO4_Base641 FileToStringASD
  file Name join /thumbnail/
  call file_name
  
```

```

when KIO4_Base641 GetString
string
do
  set global string_foto to get string
  
```

Screen Admin Edit Quiz



```

if is empty tb_pertanyaan Text
then
call Notifier1 Show Alert
notice Masukan pertanyaan...!
call tb_pertanyaan Request Focus
else if is empty tb_jawaban1 Text
then
call Notifier1 Show Alert
notice Masukan jawaban 1...!
call tb_jawaban1 Request Focus
else if is empty tb_jawaban2 Text
then
call Notifier1 Show Alert
notice Masukan jawaban 2...!
call tb_jawaban2 Request Focus
else if is empty tb_jawaban3 Text
then
call Notifier1 Show Alert
notice Masukan jawaban 3...!
call tb_jawaban3 Request Focus
else if is empty tb_jawaban4 Text
then
call Notifier1 Show Alert
notice Masukan jawaban 4...!
call tb_jawaban4 Request Focus
else
initialize local status to false
in for each check in lst_get_global_checkbox
do
if Checkbox Checked
of component get check
then
set status to true
if get status
then
if not call Network1 Is Connected
then
call Notifier1 Show Message Dialog
message Cek jaringan internet anda
title Gagal koneksi
button Text Ok
else
call Notifier1 Show Choose Dialog
message Apakah yakin update...?
title Info
button1 Text Ya
button2 Text Tidak
cancelable false
else
call Notifier1 Show Alert
notice Silahkan pilih kunci jawaban

```

```

when btn_batal Click
do close screen with value result false

```

```

if compare texts get choice = Ya
then
call Notifier1 Show Progress Dialog
message Menyimpan data...
title Loading
set Web1 URL to call db_MINLearn_atribut Get Value
tag URLScript_SheetQuiz
value if Tag Not There
call Web1 Post Text
text
join &func=ADMIN_UPDATE_QUIZ
join &INDEX=
select list item list get
join &PERTANYAAN=
tb_pertanyaan Text
join &JAWABAN1=
tb_jawaban1 Text
join &JAWABAN2=
tb_jawaban2 Text
join &JAWABAN3=
tb_jawaban3 Text
join &JAWABAN4=
tb_jawaban4 Text
join &KUNCI=
get global_kunci_jawaban

```


Screen Admin Edit User

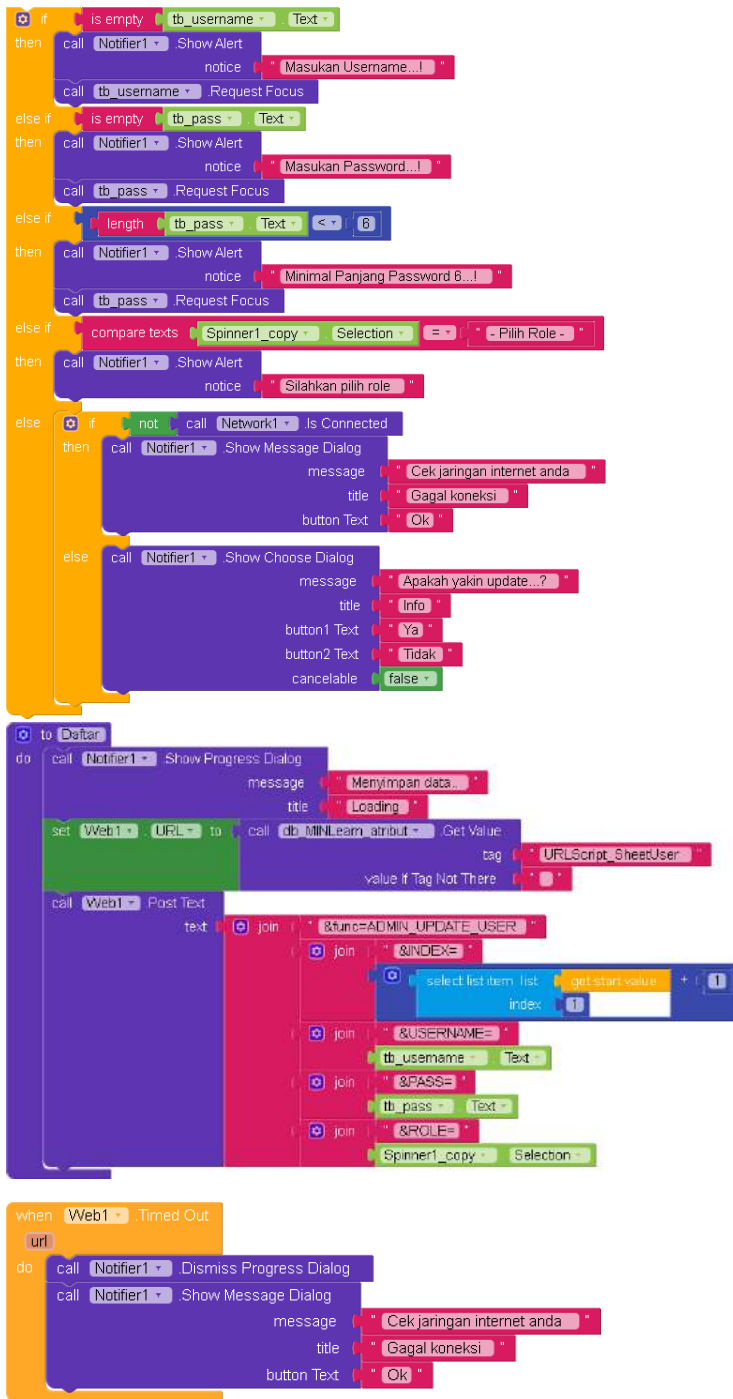
```
when Screen_Admin_EditUser Initialize
do
  set Screen_Admin_EditUser Show Title Bar Back Button to true
  set tb_username Text to select list item list get start value index 2
  set tb_pass Text to select list item list get start value index 3
  set Spinner1_copy Selection to select list item list get start value index 4
```

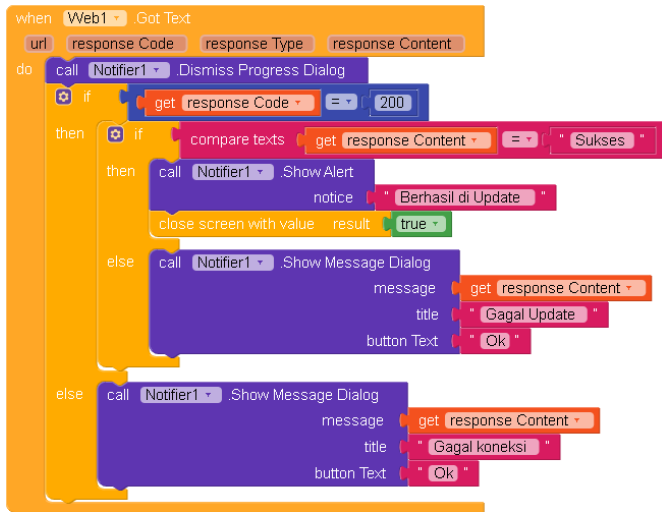
```
when Screen_Admin_EditUser Title Bar Back Button Clicked
do close screen with value result false
```

```
when Screen_Admin_EditUser Back Pressed
do close screen with value result false
```

```
when Notifier1 After Choosing
choice
do
  if compare texts get choice = " Ya "
  then call Daftar
```

```
when Screen_Admin_EditUser Error Occurred
component function Name error Number message
do
  call Notifier1 Dismiss Progress Dialog
  call Notifier1 Show Message Dialog
  message if contains text get message piece " http "
  then " https://*** "
  else get message
  title join " Error " get error Number
  button Text " OK "
```





Screen Admin Home

```
call Notifier1 .Show Choose Dialog
  message "Apakah anda yakin mau keluar ?"
  title "Info"
  button1 Text "Ya"
  button2 Text "Tidak"
  cancelable false

when Notifier1 .After Choosing
  choice
  do
    if compare texts get choice = "Ya"
      then close application
    when cv_materi .Click
      do open another screen screenName Screen_Admin_Materi

when cv_quiz .Click
  do open another screen screenName Screen_User_Quiz

when cv_user .Click
  do open another screen screenName Screen_Admin_User

when cv_dataquiz .Click
  do open another screen screenName Screen_Admin_Quiz
```

Screen Admin Input Materi

```

when Screen_Admin_InputMateri Initialize
do
  call Screen_Admin_InputMateri Ask For Permission
  permission Name Permission WriteExternalStorage
  call Screen_Admin_InputMateri Ask For Permission
  permission Name Permission ReadExternalStorage
  set Screen_Admin_InputMateri Show Title Bar Back Button to true

when Screen_Admin_InputMateri Title Bar Back Button Clicked
do
  close screen with value result false

when Screen_Admin_InputMateri Back Pressed
do
  close screen with value result false

initialize global string_foto to ""

when Screen_Admin_InputMateri Error Occurred
component function Name error Number message
do
  call Notifier1 Dismiss Progress Dialog
  call Notifier1 Show Message Dialog
  message if contains text get message
  piece http
  then https://***
  else get message
  title join Error
  get error Number
  button Text OK

when Image_Picker1_thumb After Picking
selection
do
  if
  call KIO4_Base641 GetApi > 29
  then
  set Image_Picker1_thumb Text to call file_name
  call FileTools1 CopyFileA...
  else
  set Image_Picker1_thumb Text to call file_name
  call KIO4_Base641 FileToString
  file Name replace all text get selection
  segment /storage/emulated/0
  replacement ""

  if get successful
  then
  call KIO4_Base641 FileToStringASD
  file Name join /thumbnail/
  call file_name

when KIO4_Base641 GotString
string
do
  set global string_foto to get string
  
```

to file_name result call F...

```

when btn_simpan . Click
do
  call Screen_Admin_InputMateri . Hide Keyboard
  if tb_judul . Text . is empty
  then
    call Notifier1 . Show Alert
    notice "Masukan judul...!"
    call tb_judul . Request Focus
  else if tb_link . Text . is empty
  then
    call Notifier1 . Show Alert
    notice "Masukan Link...!"
    call tb_link . Request Focus
  else if length of list . split . text . tb_link . Text . ≠ 7
    at * ?
  then
    call Notifier1 . Show Alert
    notice "Link Materen salah...!"
  else if compare texts . Image_Picker1_thumb . Text . = " Select Thumbnail "
  then
    call Notifier1 . Show Alert
    notice "Masukan Thumbnail...!"
  else if not . call Network1 . Is Connected
  then
    call Notifier1 . Show Message Dialog
    message "Cek jaringan internet anda "
    title "Gagal koneksi "
    button Text "Ok "
  else
    call Notifier1 . Show Choose Dialog
    message "Apakah yakin simpan...?"
    title "Info "
    button1 Text "Ya "
    button2 Text "Tidak "
    cancelable false
  end if
end do

```

```

if get choice = " Ya "
then
  call Notifier1 . Show Progress Dialog
  message "Menyimpan data "
  title "Loading "
  set Web1 . Request Headers . to . make a list . make a list . Content-Type . application/x-www-form-urlencoded
  set Web1 . URL . to . call db_MINLearn_attrib . Get Value . tag . URLScript_SheetMateri . value If Tag Not There
  call Web1 . Post Text
  text . join . &func=ADMIN_CREATE_MATERI .
  . join . &JUDUL= . tb_judul . Text .
  . join . &LINK_MATERI= . select list dem . list . split . text . tb_link . Text .
  . index . B
  . join . &FOLDER_ID= . call db_MINLearn_attrib . Get Value . tag . FOLDER_ID . value If Tag Not There
  . join . &MIMETYPE=data . call KID4_Base64 . GetMimeType . fileExtension . Image_Picker1_thumb . Selection .
  . join . &FILENAME= . call file_name .
  . join . &THUMBNAIL= . call Web1 . URI Encode . text . get global string_foto .
end if

```

```
if (get response Code == 200)
then
  if (compare texts (get response Content) == "Sukses")
  then
    call Notifier1 .ShowAlert
      notice "Data berhasil disimpan"
    close screen with value result true
  else
    call Notifier1 .Show Message Dialog
      message (get response Content)
      title "Gagal Simpan"
      button Text "OK"
  else
    call Notifier1 .Show Messa...

when btn_batal .Click
do
  close screen with value result false
```

Screen Admin Input Quiz

```

initialize global reload to false

when Screen_Admin_InputQuiz Initialize
do set Screen_Admin_InputQuiz . Show Title Bar Back Button to true

when Screen_Admin_InputQuiz . Title Bar Back Button Clicked
do close screen with value result get global reload

when Screen_Admin_InputQuiz . Back Pressed
do close screen with value result get global reload

when Screen_Admin_InputQuiz . Error Occurred
component function Name error Number message
do call Notifier1 . Dismiss Progress Dialog
   call Notifier1 . Show Message Dialog
       message if contains text get message
                piece " http
       then " https://*** "
       else get message
       title join " Error: "
              get error Number
       button Text " OK "

initialize global kunci_jawaban to ""

initialize global checkbox to make a list
Checkbox1
Checkbox2
Checkbox3
Checkbox4

when any Checkbox.Changed
component notAlready Handled
do if Checkbox . Checked
   of component get component
   then for each check in list get global checkbox
        do set Checkbox . Checked
            of component get check
            to false
        set Checkbox . Checked
            of component get component
            to true

when Checkbox1 . Click
do if Checkbox1 . Checked
   then set global kunci_jawaban to tb_jawaban1 . Text

when Checkbox2 . Click
do if Checkbox2 . Checked
   then set global kunci_jawaban to tb_jawaban2 . Text
  
```



```

when Checkbox3 Click
do
  if Checkbox3 Checked
  then set global kunci_jawaban to tb_jawaban3 Text

```

```

when Checkbox4 Click
do
  if Checkbox4 Checked
  then set global kunci_jawaban to tb_jawaban4 Text

```

```

when btn_simpan Click
do
  call Screen_Admin_InputQuiz Hide Keyboard
  if tb_pertanyaan Text is empty
  then
    call Notifier1 Show Alert
    notice Masukan pertanyaan...!
    call tb_pertanyaan Request Focus
  else if tb_jawaban1 Text is empty
  then
    call Notifier1 Show Alert
    notice Masukan jawaban 1...!
    call tb_jawaban1 Request Focus
  else if tb_jawaban2 Text is empty
  then
    call Notifier1 Show Alert
    notice Masukan jawaban 2...!
    call tb_jawaban2 Request Focus
  else if tb_jawaban3 Text is empty
  then
    call Notifier1 Show Alert
    notice Masukan jawaban 3...!
    call tb_jawaban3 Request Focus
  else if tb_jawaban4 Text is empty
  then
    call Notifier1 Show Alert
    notice Masukan jawaban 4...!
    call tb_jawaban4 Request Focus
  else
    initialize local status to false
    in for each check in list get global checkbox
    do
      if Checkbox Checked of component get ccheck
      then set status to true
    if get status
    then
      if not call Network1 Is Connected
      then
        call Notifier1 Show Message Dialog
        message Cek jaringan internet anda
        title Gagal koneksi
        button Text Ok
      else
        call Notifier1 Show Choose Dialog
        message Apakah yakin simpan...?
        title Info
        button1 Text Ya
        button2 Text Tidak
        cancelable false
      else
        call Notifier1 Show Alert
        notice Silahkan pilih kunci jawaban

```

```

if [choice] = "Ya"
then
  call Notifier1 .Show Progress Dialog
  message "Menyimpan data.."
  title "Loading"
  set Web1 .URL to call db_MINLearn_atribut .Get Value
  tag "URLScript_SheetQuiz"
  value If Tag Not There
  call Web1 .Post Text
  text
  join "&func=ADMIN_CREATE_QUIZ"
  join "&PERTANYAAN="
  tb_pertanyaan .Text
  join "&JAWABAN1="
  tb_jawaban1 .Text
  join "&JAWABAN2="
  tb_jawaban2 .Text
  join "&JAWABAN3="
  tb_jawaban3 .Text
  join "&JAWABAN4="
  tb_jawaban4 .Text
  join "&KUNCI="
  get global kunci_jawaban

```

```

when Web1 .Got Text
uri response Code response Type response Content
do
  call Notifier1 .Dismiss Progress Dialog
  if [response Code] = 200
  then
    if [response Content] = "Sukses"
    then
      call Notifier1 .Show Alert
      notice "Data berhasil disimpan"
      set tb_pertanyaan .Text to
      set tb_jawaban1 .Text to
      set tb_jawaban2 .Text to
      set tb_jawaban3 .Text to
      set tb_jawaban4 .Text to
      for each item in list [global checkbox]
      do
        set Checkbox .Checked
        of component [item]
        to false
      set global reload to true
    else
      call Notifier1 .Show Message Dialog
      message [response Content]
      title "Gagal Simpan"
      button Text "Ok"
    else
      call Notifier1 .Show Messa...

```

Screen Admin Input User

```
when Screen_Admin_InputUser Initialize  
do set Screen_Admin_InputUser . Show Title Bar Back Button to true
```

```
when Screen_Admin_InputUser . Title Bar Back Button Clicked  
do close screen with value result false
```

```
when Screen_Admin_InputUser Back Pressed  
do close screen with value result false
```

```
when Notifier1 After Choosing  
choice  
do if compare texts get choice = " Ya "  
then call simpan
```

```
when Screen_Admin_InputUser Error Occurred  
component function Name error Number message  
do call Notifier1 .Dismiss Progress Dialog  
call Notifier1 .Show Message Dialog  
message if contains text get message  
piece " http "  
then " https://** "  
else get message  
title join " Error: "  
get error Number  
button Text " OK "
```

```
when Label_pass Click  
do if compare texts Label_pass .Text = " visibility_off "  
then set Label_pass .Text to " visibility "  
set tb_pass .Input Type to 1  
else set Label_pass .Text to " visibility_off "  
set tb_pass .Input Type to 2  
call tb_pass .Request Focus  
call tb_pass .Set Cursor At End
```

```

when btn_simpan Click
do
  call Screen_Admin_InputUser Hide Keyboard
  if is empty tb_username Text
  then
    call Notifier1 Show Alert
    notice Masukan Username..!
    call tb_username Request Focus
  else if is empty tb_pass Text
  then
    call Notifier1 Show Alert
    notice Masukan Password..!
    call tb_pass Request Focus
  else if length tb_pass Text <= 6
  then
    call Notifier1 Show Alert
    notice Minimal Panjang Password 6..!
    call tb_pass Request Focus
  else if compare texts Spinner1 Selection - Pilih Role-
  then
    call Notifier1 Show Alert
    notice Silahkan pilih role..!
  else if not call Network1 Is Connected
  then
    call Notifier1 Show Message Dialog
    message Cek jaringan internet anda
    title Gagal koneksi
    button Text Ok
  else
    call Notifier1 Show Choose Dialog
    message Apakah yakin Simpan...?
    title Info
    button1 Text Ya
    button2 Text Tidak
    cancelable false
  end if
end do

```

```

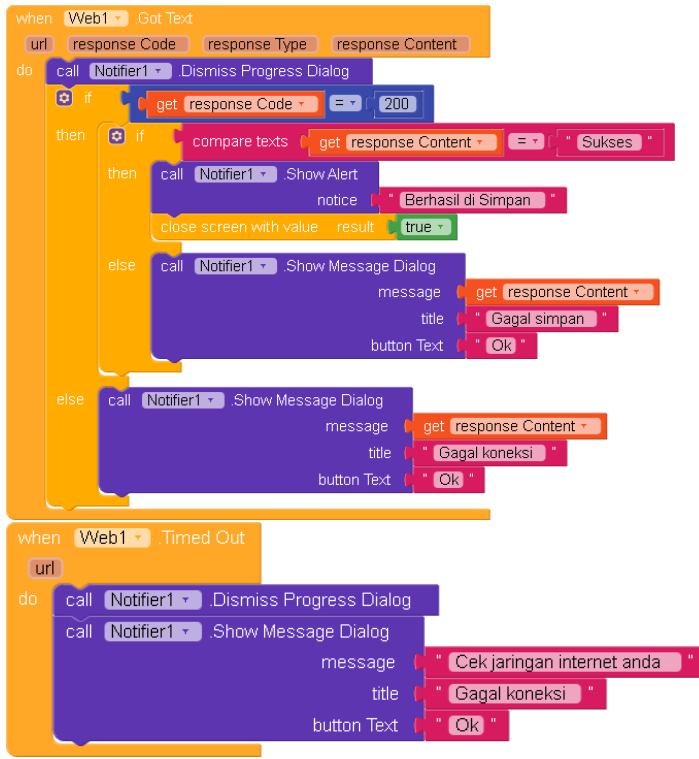
when btn_batal Click
do
  close screen with value result false
end do

```

```

to simpan
do
  call Notifier1 Show Progress Dialog
  message Menyimpan data..
  title Loading
  set Web1 URL to call db_MINLearn_atribut Get Value
  tag URLScript_SheetUser
  value If Tag Not There
  call Web1 Post Text
  text
  join &func=ADMIN_INPUT_USER
  join &USERNAME=
  tb_username Text
  join &PASS=
  tb_pass Text
  join &ROLE=
  Spinner1 Selection
end do
end to

```



Screen Admin Materi

```
when Screen_Admin_Materi . Error Occurred
  component function Name error Number message
do
  call Notifier1 .Dismiss Progress Dialog
  call Notifier1 .Show Choose Dialog
    message "Cek koneksi internet anda...!"
    title "Tidak ada internet "
    button1 Text "Reload "
    button2 Text "Close "
    cancelable true

when Web1 .Timed Out
  url
do
  call Notifier1 .Dismiss Progress Dialog
  call Notifier1 .Show Choose Dialog
    message "Cek koneksi internet anda...!"
    title "Tidak ada internet "
    button1 Text "Reload "
    button2 Text "Close "
    cancelable true

when Web_Hapus .Timed Out
  url
do
  call Notifier1 .Dismiss Progress Dialog
  call Notifier1 .Show Message Dialog
    message "Cek koneksi internet anda...!"
    title "Tidak ada internet "
    button Text "Ok "

when Screen_Admin_Materi .Other Screen Closed
  other Screen Name result
do
  if compare texts get other Scr...
  then
    if get result
    then
      call tampilkan_data

when Screen_Admin_Materi .Initialize
do
  set Screen_Admin_Materi .Show Title Bar Back Button to true
  call Notifier1 .Create Custom Dialog
    component layout_notifier
    title
    button Text
    cancel Button Text
    cancelable false
  call tampilkan_data

when Screen_Admin_Materi .Title Bar Back Button Clicked
do
  close screen
```

```

to tampilan_data
do
  if not call (Network1) Is Connected
  then
    call (Notifier1) Show Choose Dialog
    message "Cek koneksi internet anda..."
    title "Tidak ada internet"
    button1 Text "Reload"
    button2 Text "Close"
    cancelable true
  else
    call (Notifier1) Show Progress Dialog
    message "Mengambil data..."
    title "Loading"
    set (Web1) URL to call (db_MINLearn_atribut) Get Value
    tag "SheetMateri_URLGetAll"
    value If Tag Not There
    call (Web1) Get
  end
end

```

```

when (Notifier1) After Choosing
choice
do
  if compare texts (get choice) = "Reload"
  then call tampilan_data
  end
  if compare texts (get choice) = "Close"
  then close screen
  end
  if compare texts (get choice) = "Ya Hapus"
  then call (Notifier1) Dismiss Custom Dialog
    call (Hapus)
  end
end

```

```

initialize global data to create empty list

```

```

if (get response Code) = 200
then
  call (Custom_ListView1) Create_List
  Layout Vertical_Arrangement1
  call (Custom_ListView1) Clear_List
  set global data to create empty list
  set global data to list from csv table text (get response Content)
  remove list item list (get global data)
  index 1
  for each item in list (get global data)
  do
    call (Custom_ListView1) Add Item
    icon "https://drive.google.com/uc?export=view&id=1PNM0..."
    image (select list item list (get item)
    index 4)
    title (select list item list (get item)
    index 2)
    subtitle (join "MINLear- Materi tentang"
    (select list item list (get item)
    index 2))
  end
  call (Custom_ListView1) List_Update
else
  call (Notifier1) Show Choose Dialog
  message "Cek koneksi internet anda..."
  title "Tidak ada internet"
  button1 Text "Reload"
  button2 Text "Close"
  cancelable true
end

```

when Floating_Action_Button1 .Click
do open another screen screenN...

when Custom_ListView1 .OnImageClick
do call open_screen position
position get position

when Custom_ListView1 .OnRightIconClick
do call show_dialog position
position get position

when btn_batal .Click
do call Notifier1 .Dismiss Custom Dialog

when btn_edit .Click
do call Notifier1 .Dismiss Custom Dialog
open another screen with st...

when btn_delete .Click
do call Notifier1 .Show Choose Dialog
message join "Apakah yakin hapus buku :"
select list item list select list item list get global data
index index get global index
index 2
"...?"
title "Info"
button1 Text "Ya Hapus"
button2 Text "Tidak"
cancelable false

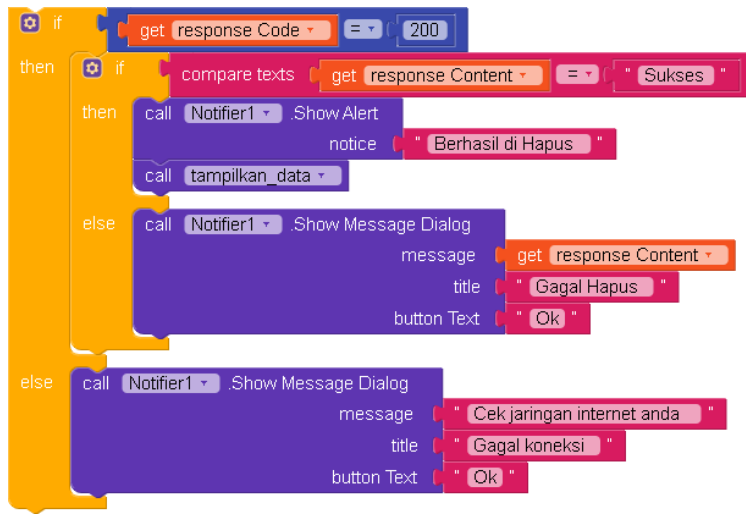
initialize global index to 0

to open_screen position
do open another screen with start value screenName Screen_Lihat_Materi
startValue make a list select list item list select list item list get global data
index index get position
select list item list select list item list get global data
index index get position
index 3

to Hapus
do call Notifier1 .Show Progress Dialog
message
title Loading
set Web_Hapus .URL to call db_MINLearn .atribut .Get Value
tag URLScript_SheetMateri
value if Tag Not There
call Web_Hapus .Post Text
text join "&func=ADMIN_DELETE_MATERI"
join "INDEX=" select list item list select list item list get global data
index index get global index
index 1

Custom_ListView1

- position
- open_screen
- position



Screen Admin Quiz

```

when Screen_Admin_Quiz .Error Occurred
  component function Name error Number message
do
  call Notifier1 .Dismiss Progress Dialog
  call Notifier1 .Show Choose Dialog
    message "Cek koneksi internet anda...!"
    title "Tidak ada internet"
    button1 Text "Reload"
    button2 Text "Close"
    cancelable true
  
```

```

when Web1 .Timed Out
  url
do
  call Notifier1 .Dismiss Progress Dialog
  call Notifier1 .Show Choose Dialog
    message "Cek koneksi internet anda...!"
    title "Tidak ada internet"
    button1 Text "Reload"
    button2 Text "Close"
    cancelable true
  
```

```

when Web_Hapus .Timed Out
  url
do
  call Notifier1 .Dismiss Progress Dialog
  call Notifier1 .Show Message Dialog
    message "Cek koneksi internet anda...!"
    title "Tidak ada internet"
    button Text "Ok"
  
```

```

when Screen_Admin_Quiz .Other Screen Closed
  other Screen Name result
do
  if get result
  then call tampilkan_data
  
```

```

when Screen_Admin_Quiz .Initialize
do
  set Screen_Admin_Quiz .Show Title Bar Back Button to true
  call tampilkan_data
  
```

```

when Screen_Admin_Quiz .Title Bar Back Button Clicked
do
  close screen
  
```

```

to tampilkan_data
do
  if not call Network1 .Is Connected
  then
    call Notifier1 .Show Choose Dialog
      message "Cek koneksi internet anda...!"
      title "Tidak ada internet"
      button1 Text "Reload"
      button2 Text "Close"
      cancelable true
    else
      call Notifier1 .Show Progress Dialog
        message "Mengambil data..."
        title "Loading"
      set Web1 .URL to call db_MINLearn_atribut .Get Value
        tag "SheetQuiz_URLGetAll"
        value If Tag Not There ""
      call Web1 .Get
    
```

```
when Notifier1 .After Choosing
  choice
do
  if compare texts get choice = "Reload "
  then call tampilkan_data
  if compare texts get choice = "Close "
  then close screen
  if compare texts get choice = "Ya Hapus "
  then call Notifier1 .Dismiss Custom Dialog
  call Hapus

initialize global data to create empty list
```

```

when Web1 Got Text
  uri response Code response Type response Content
do
  call Notifier1 Dismiss Progress Dialog
  if get response Code = 200
  then
    for each number from 1
      to length of list list get global data
      by 1
    do
      call Dynamic_Label1 Delete Label
      id 0 - get number
      call Dynamic_Label1 Delete Label
      id get number
      call Dynamic_Button1 Delete Button
      id 0 - get number
      call Dynamic_Button1 Delete Button
      id get number
      call Dynamic_Card_View1 Delete Card View
      id get number
      call Dynamic_Space1 Delete Space
      id get number
      set global data to create empty list
      set global data to list from csv table text get response Content
      remove list item list get global data
      index 1
      for each item in list get global data
      do
        call Dynamic_Label1 Creat...
        call Dynamic_Label1 Set T...
        call Dynamic_Label1 Set T...
        call Dynamic_Label1 Set F...
        call Dynamic_Card_View1 C...
        call Dynamic_Label1 Creat...
        call Dynamic_Label1 Set T...
        call Dynamic_Button1 Crea...
        call Dynamic_Button1 Set ...
        call Dynamic_Button1 Set ...
        call Dynamic_Button1 Crea...
        call Dynamic_Button1 Set ...
        call Dynamic_Button1 Set ...
        call Dynamic_Button1 Set ...
        call Dynamic_Space1 Crea...
      do
    else
      call Notifier1 Show Choose Dialog
      message Cek koneksi internet anda...!
      title Tidak ada internet
      button1 Text Reload
      button2 Text Close
      cancelable true
  end if
end do

initialize global index to 0

when Floating_Action_Button1 Click
do
  open another screen screenName Screen_Admin_InputQuiz

```

```

when Dynamic_Button1 Button Click
do
  if [get id] > 0
  then
    open another screen with start value
    screenName Screen_Admin_EditQuiz
    startValue select list item list
    global data
    index
    get id
  if [get id] < 0
  then
    set global index to 0 - get id
    call Notifier1 Show Choose Dialog
    message join "Apakah yakin quiz no "
    title "Info"
    button1 Text "Ya Hapus"
    button2 Text "Tidak"
    cancelable false
  
```

```

to Hapus
do
  call Notifier1 Show Progress Dialog
  message " "
  title "Loading"
  set Web_Hapus URL to call db_MINLearn_atribut Get Value
  tag URLScript_SheetQuiz
  value If Tag Not There " "
  call Web_Hapus Post Text
  text join "&func=ADMIN_DELETE_QUIZ"
  join "&INDEX="
  get global index + 1

```

```

when Web_Hapus Got Text
url response Code response Type response Content
do
  call Notifier1 Dismiss Progress Dialog
  if [get response Code] = 200
  then
    if [compare texts get response Content] = "Sukses"
    then
      call Notifier1 Show Alert
      notice "Berhasil di Hapus"
      call tampilkan_data
    else
      call Notifier1 Show Message Dialog
      message get response Content
      title "Gagal Hapus"
      button Text "Ok"
    else
      call Notifier1 Show Message Dialog
      message "Cek jaringan internet anda"
      title "Gagal koneksi"
      button Text "OK"
  
```

Screen Admin User

```

when Screen_Admin_User Initialize
do
  set Screen_Admin_User Show Title Bar Back Button to true
  call Notifier1 Create Custom Dialog
    component layout_notifier_copy
    title ""
    button Text ""
    cancel Button Text ""
    cancelable false
  call tampilkan_data

```

```

when Screen_Admin_User Title Bar Back Button Clicked
do
  close screen

```

```

when Screen_Admin_User Error Occurred
  component function Name error Number message
do
  call Notifier1 Dismiss Progress Dialog
  call Notifier1 Show Choose Dialog
    message "Cek koneksi internet anda...!"
    title "Tidak ada internet"
    button1 Text "Reload"
    button2 Text "Close"
    cancelable true

```

```

when Notifier1 After Choosing
  choice
do
  if compare texts get choice == "Reload"
  then call tampilkan_data
  if compare texts get choice == "Close"
  then close screen
  if compare texts get choice == "Ya Hapus"
  then
    call Notifier1 Dismiss Custom Dialog
    call Hapus

```

```

when Screen_Admin_User Other Screen Closed
  other Screen Name result
do
  if get result
  then call tampilkan_data

```

```

to tampilkan_data
do
  if not call Network1 Is Connected
  then
    call Notifier1 Show Choose Dialog
      message "Cek koneksi internet anda...!"
      title "Tidak ada internet"
      button1 Text "Reload"
      button2 Text "Close"
      cancelable true
    else
      call Notifier1 Show Progress Dialog
        message "Mengambil data..."
        title "Loading"
      set Web1 URL to call (db_MINLearn_sitrou) Get Value
        tag SheetUser_URLGetAll
        value if Tag Not There
      call Web1 Get

```

```

initialize global data to create empty list

when Web1 Got Text
url response Code response Type response Content
do
  call Notifier1 Dismiss Progress Dialog
  if get response Code = 200
  then
    call List_View_Image_and_Text1 Clear List
    set global data to create empty list
    set global data to list from csv table text get response Content
    remove list item list get global data
    index 1
    for each item in list get global data
    do
      call List_View_Image_and_Text1 Add Item
      image user_ok.png
      title join select list item list get item
      index 1
      " "
      select list item list get item
      index 2
      subtitle select list item list get item
      index 4
    else
      call Notifier1 Show Choose Dialog
      message Cek koneksi internet anda...!
      title Tidak ada internet
      button1 Text Reload
      button2 Text Keluar App
      cancelable true

when Floating_Action_Button1 Click
do open another screen screenName Screen_Admin_InputUser

when List_View_Image_and_Text1 Click
position title subtitle image
do call show_dialog
position select list item list split text get title
at " "
index 1

initialize global index to 0

to show_dialog position
do set global index to get position
set Label_user Text to join Nama User
select list item list select list item list get
index 2
call Notifier1 Show Custom Dialog

when btn_batal Click
do call Notifier1 Dismiss Custom Dialog

when btn_edit Click
do call Notifier1 Dismiss Custom Dialog
open another screen with start value screenName Screen_Admin_EditUser
startValue select list item list get global data
index get global index

```

```

when btn_delete Click
do
  call Notifier1 .Show Chaos...

```

```

to Hapus
do
  call Notifier1 .Show Progress Dialog
  message ""
  title "Loading"
  set Web_hapus .URL to call db_MINLearn_atribut .Get Value
  tag "URLScript_SheetUser"
  value If Tag Not There ""
  call Web_hapus .Post Text
  text join "&func=ADMIN_DELETE_USER"
  join "&INDEX="
  select list item list select list item list
  index 1 index
  get global data + 1
  get global index

```

```

when Web_hapus .Got Text
url response Code response Type response Content
do
  call Notifier1 .Dismiss Progress Dialog
  if get response Code == 200
  then
    if compare texts get response Content == "Sukses"
    then
      call Notifier1 .Show Alert
      notice "Berhasil di Hapus"
      call tampilkan_data
    else
      call Notifier1 .Show Message Dialog
      message get response Content
      title "Gagal Hapus"
      button Text "Ok"
    else
      call Notifier1 .Show Message Dialog
      message "Cek jaringan internet anda"
      title "Gagal koneksi"
      button Text "Ok"

```

```

when Web_hapus .Timed Out
url
do
  call Notifier1 .Dismiss Progress Dialog
  call Notifier1 .Show Message Dialog
  message "Cek koneksi internet anda..."
  title "Tidak ada internet"
  button Text "Ok"

```


Screen Lihat Materi

```
when Screen_Lihat_Materi Initialize
do
  set Screen_Lihat_Materi Show Title Bar Back Button to true
  set Screen_Lihat_Materi Title to select list item list get start value index 1
  call Web_Viewer1 Go To URL
  url select list item list get start value index 2

when Screen_Lihat_Materi Title Bar Back Button Clicked
do
  close screen

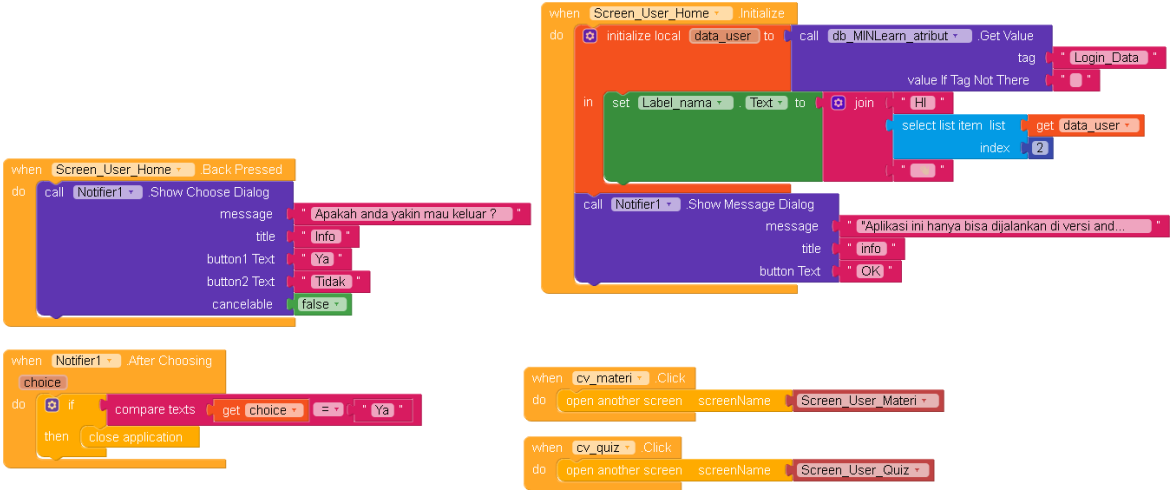
when Screen_Lihat_Materi Back Pressed
do
  close screen

when Web_Viewer1 Progress Changed
progress
do
  set Web_Viewer1 Visible to false
  set layout_progress Visible to true
  set Label1 Text to join " Loading ... " get progress
  if get progress = 100
  then
    set Web_Viewer1 Visible to true
    set layout_progress Visible to false

when Web_Viewer1 Page Loaded
url
do
  if compare texts get url ≠ select list item list get start value index 2
  then
    call Web_Viewer1 Go To URL
    url select list item list get start value index 2

when btn_reload Click
do
  call Web_Viewer1 Go To URL
  url select list item list get start value index 2
```


Screen User Home



Screen User Materi

```
when Screen_User_Materi Error Occurred
  component function Name error Number message
do
  call Notifier1 Dismiss Progress Dialog
  call Notifier1 Show Choose Dialog
    message Cek koneksi internet anda...
    title Tidak ada internet
    button1 Text Reload
    button2 Text Close
    cancelable true
```

```
when Web1 Timed Out
  url
do
  call Notifier1 Dismiss Progress Dialog
  call Notifier1 Show Choose Dialog
    message Cek koneksi internet anda...
    title Tidak ada internet
    button1 Text Reload
    button2 Text Close
    cancelable true
```

```
when Screen_User_Materi Initialize
do
  set Screen_User_Materi Show Title Bar Back Button to true
  call tampilkan_data
```

```
when Screen_User_Materi Title Bar Back Button Clicked
do
  close screen
```

```

to tampilan_data
do
  if not call Network1 Is Connected
  then
    call Notifier1 Show Choose Dialog
    message Cek koneksi internet anda
    title Tidak ada internet
    button1 Text Reload
    button2 Text Close
    cancelable true
  else
    call Notifier1 Show Progress Dialog
    message Mengambil data...
    title Loading
    set Web1 URL to call db MINLearn atribut Get Value tag SheetMa value if Tag Not There
    call Web1 Get
    compare texts get choice = Reload
    then call tampilan_data
    if compare texts get choice = Close
    then close screen
  end if
end if
end to

initialize global data to create empty list

```

```

when Custom_ListView1 OnImageClick
position
do
  call open_screen
  position get position
end do

```

```

when Custom_ListView1 OnItemClick
position
do
  call open_screen
  position get position
end do

```

```

initialize global index to 0

to open_screen position
do
  select list item list select list item list select list item list
  return
  select list item list select list item list
  return
  select list item list select list item list
  return
  select list item list select list item list
  return
end do
end to

```

Screen User Quiz



Lampiran 5 Hasil Kuesioner Responden

KUESIONER RESPONDEN
MULTIMEDIA PEMBELAJARAN TIK BAGI SISWA SEKOLAH DASAR
MENGGUNAKAN APLIKASI MINLEARN
(STUDI KASUS PADA MIN KEFAMENANU)

Nama : Assabila Nawania Z.
 Kelas : 5A

DAFTAR PERTANYAAN

Berikan tanda ✓ pada satu pilihan jawaban yang sesuai !

No	Pertanyaan	Keterangan			
		Sangat Baik	Baik	Kurang Baik	Tidak Baik
1.	Apakah aplikasi MINLearn dapat mudah digunakan oleh pengguna?	✓			
2.	Apakah materi aplikasi MINLearn dapat memberikan informasi tentang perangkat komputer?		✓		
3.	Apakah menu dalam aplikasi MINLearn mudah digunakan?	✓			
4.	Bagaimana tanggapan anda dengan tampilan antarmuka aplikasi yang dibuat?	✓			
5.	Bagaimana tanggapan anda dengan pertanyaan quiz apakah mudah dikerjakan?		✓		
6.	Bagaimana tanggapan anda secara keseluruhan setelah menggunakan aplikasi MINLearn?	✓			
7.	Bagaimana tanggapan anda dengan sistem saat melakukan pendaftaran akun?		✓		

KUESIONER RESPONDEN
MULTIMEDIA PEMBELAJARAN TIK BAGI SISWA SEKOLAH DASAR
MENGGUNAKAN APLIKASI MINLEARN
(STUDI KASUS PADA MIN KEFAMENANU)

Nama : Nojwa Azka Maulida
 Kelas : VB/5B

DAFTAR PERTANYAAN

Berikan tanda ✓ pada satu pilihan jawaban yang sesuai !

No	Pertanyaan	Keterangan			
		Sangat Baik	Baik	Kurang Baik	Tidak Baik
1.	Apakah aplikasi MINLearn dapat mudah digunakan oleh pengguna?	✓			
2.	Apakah materi aplikasi MINLearn dapat memberikan informasi tentang perangkat komputer?		✓		
3.	Apakah menu dalam aplikasi MINLearn mudah digunakan?	✓			
4.	Bagaimana tanggapan anda dengan tampilan antarmuka aplikasi yang dibuat?	✓			
5.	Bagaimana tanggapan anda dengan pertanyaan quiz apakah mudah dikerjakan?		✓		
6.	Bagaimana tanggapan anda secara keseluruhan setelah menggunakan aplikasi MINLearn?	✓			
7.	Bagaimana tanggapan anda dengan sistem saat melakukan pendaftaran akun?	✓			