LAMPIRAN

SOURCE CODE

```java
package id.ac.umy.pembayaranzakat.fragments;


import android.os.Bundle;

import android.support.annotation.Nullable;

import android.support.v4.app.Fragment;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.text.Editable;

import android.text.TextWatcher;

import android.util.Log;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.EditText;

import android.widget.TextView;


import java.util.ArrayList;

import java.util.List;

import java.util.Locale;

import id.ac.umy.pembayaranzakat.MainActivity;

import id.ac.umy.pembayaranzakat.R;

import id.ac.umy.pembayaranzakat.models.DataPribadi;


public class CariDataPribadiFragment extends Fragment {

    private View view;


    private OnDataPribadiListener onDataPribadiListener;


    public void setOnDataPribadiListener(OnDataPribadiListener onDataPribadiListener) {

        this.onDataPribadiListener = onDataPribadiListener;

    }


    private RecyclerView recyclerView;


    @Nullable
```

```java
    @Override

    public View
onCreateView(LayoutInflater
inflater,    @Nullable  ViewGroup
container,    @Nullable   Bundle
savedInstanceState) {

        if (view == null) {

        view                    =
inflater.inflate(R.layout.fragment_car
i_data_pribadi, container, false);


view.findViewById(R.id.nav_btn).se
tOnClickListener(new
View.OnClickListener() {

            @Override

            public void onClick(View
view) {


getActivity().onBackPressed();

            }

        });

        recyclerView            =
(RecyclerView)
view.findViewById(R.id.recycleVie
w);

        LinearLayoutManager
layoutManager       =       new
LinearLayoutManager(getActivity())
;

layoutManager.setOrientation(Linear
LayoutManager.VERTICAL);

recyclerView.setLayoutManager(lay
outManager);

        ((EditText)
view.findViewById(R.id.cari)).addT
extChangedListener(new
TextWatcher() {

            @Override

            public               void
beforeTextChanged(CharSequence
charSequence, int i, int i1, int i2) {


            }


            @Override

            public               void
onTextChanged(CharSequence
charSequence, int i, int i1, int i2) {

                if
(charSequence.length() > 2) {


filter(charSequence.toString().toLow
erCase(Locale.US));

                } else {

recyclerView.setAdapter(new
RecAdapt(((MainActivity)
getActivity()).getDataPribadis()));

                }
            }


            @Override

            public               void
afterTextChanged(Editable  editable)
{


            }
        });
    }
```

```java
        recyclerView.setAdapter(new
RecAdapt(((MainActivity)
getActivity()).getDataPribadis()));


    return view;
  }


  @Override

  public void onResume() {

    super.onResume();

    filter(((EditText)
view.findViewById(R.id.cari)).getTe
xt().toString());

  }


  private void filter(String s) {

    final List<DataPribadi> data =
new ArrayList<>();

    if (s.length() > 2) {

      for (DataPribadi    dp    :
((MainActivity)
getActivity()).getDataPribadis()) {

        Log.i(dp.getNama() + "",
s.toString());

        if
(dp.getNama().toLowerCase(Locale.
US).contains(s)                ||
dp.getAlamat().toLowerCase(Locale.
US).contains(s))

          data.add(dp);

      }
    }                            else
data.addAll(((MainActivity)
getActivity()).getDataPribadis());

        recyclerView.setAdapter(new
RecAdapt(data));

  }


  public class RecAdapt extends
RecyclerView.Adapter<RecAdapt.V
H> {

    private final List<DataPribadi>
data;


    public
RecAdapt(List<DataPribadi> data) {

      this.data = data;

    }


    @Override

    public                     VH
onCreateViewHolder(ViewGroup
parent, int viewType) {

      return                    new
VH(LayoutInflater.from(parent.getC
ontext()).inflate(R.layout.box_data_p
ribadi, parent, false));

    }


    @Override

    public                   void
onBindViewHolder(VH holder, int
position) {


holder.draw(data.get(position));

    }


    @Override
```

```java
    public int getItemCount() {

        return data.size();

    }


    public class VH extends
RecyclerView.ViewHolder {

        public void draw(final
DataPribadi dataPribadi) {

            ((TextView)
itemView.findViewById(R.id.nama)
).setText(dataPribadi.getNama());

            ((TextView)
itemView.findViewById(R.id.alamat
)).setText(dataPribadi.getAlamat());

itemView.findViewById(R.id.box).s
etOnClickListener(new
View.OnClickListener() {

                @Override

                public         void
onClick(View view) {

onDataPribadiListener.OnDataPribad
i(dataPribadi);

                    ((MainActivity)
getActivity()).startSimpan();

                }

            });

        }


        public VH(View itemView) {

            super(itemView);

        }

    }
```

```java
    }

}


package
id.ac.umy.pembayaranzakat.fragment
s;


import android.os.Bundle;

import
android.support.annotation.Nullable;

import
android.support.v4.app.Fragment;

import
android.support.v7.widget.LinearLay
outManager;

import
android.support.v7.widget.RecyclerV
iew;

import android.text.Editable;

import android.text.TextWatcher;

import android.util.Log;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.EditText;

import android.widget.TextView;


import java.util.ArrayList;

import java.util.List;

import java.util.Locale;
```

```java
import
id.ac.umy.pembayaranzakat.MainActivity;

import
id.ac.umy.pembayaranzakat.R;

import
id.ac.umy.pembayaranzakat.TextUtil;

import
id.ac.umy.pembayaranzakat.models.DataPribadi;


public                          class
DaftarDataPribadiFragment   extends
Fragment {

    private View view;


    private            RecyclerView
recyclerView;


    @Nullable
    @Override
    public                     View
onCreateView(LayoutInflater
inflater,    @Nullable   ViewGroup
container,      @Nullable    Bundle
savedInstanceState) {
        if (view == null) {
            view                     =
inflater.inflate(R.layout.fragment_cari_data_pribadi, container, false);

view.findViewById(R.id.nav_btn).se
tOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View
view) {

getActivity().onBackPressed();
            }
        });
        recyclerView              =
(RecyclerView)
view.findViewById(R.id.recycleVie
w);
        LinearLayoutManager
layoutManager         =        new
LinearLayoutManager(getActivity())
;

layoutManager.setOrientation(Linear
LayoutManager.VERTICAL);

recyclerView.setLayoutManager(lay
outManager);
        ((EditText)
view.findViewById(R.id.cari)).addT
extChangedListener(new
TextWatcher() {
            @Override
            public             void
beforeTextChanged(CharSequence
charSequence, int i, int i1, int i2) {


            }


            @Override
```

```java
            public                  void
onTextChanged(CharSequence
charSequence, int i, int i1, int i2) {

                if
(charSequence.length() > 2) {

filter(charSequence.toString().toLow
erCase(Locale.US));
                } else {

recyclerView.setAdapter(new
RecAdapt(((MainActivity)
getActivity()).getDataPribadis()));
                }
            }


            @Override

            public                  void
afterTextChanged(Editable   editable)
{


            }
        });
    }

    recyclerView.setAdapter(new
RecAdapt(((MainActivity)
getActivity()).getDataPribadis()));


        return view;
    }


  @Override

  public void onResume() {

    super.onResume();

      filter(((EditText)
view.findViewById(R.id.cari)).getTe
xt().toString());

    }


  private void filter(String s) {

      final  List<DataPribadi>  data =
new ArrayList<>();

      if (s.length() > 2) {

          for    (DataPribadi    dp    :
((MainActivity)
getActivity()).getDataPribadis()) {

              Log.i(dp.getNama()  +  "",
s.toString());

              if
(dp.getNama().toLowerCase(Locale.
US).contains(s)                       ||
dp.getAlamat().toLowerCase(Locale.
US).contains(s))

                  data.add(dp);

        }
      }                             else
data.addAll(((MainActivity)
getActivity()).getDataPribadis());

      recyclerView.setAdapter(new
RecAdapt(data));

    }


  public  class  RecAdapt  extends
RecyclerView.Adapter<RecAdapt.V
H> {

      private  final  List<DataPribadi>
data;


      public
RecAdapt(List<DataPribadi> data) {
```

```java
        this.data = data;

    }


    @Override

    public          RecAdapt.VH
onCreateViewHolder(ViewGroup
parent, int viewType) {

        return              new
RecAdapt.VH(LayoutInflater.from(p
arent.getContext()).inflate(R.layout.b
ox_data_pribadi2, parent, false));

    }


    @Override

    public              void
onBindViewHolder(RecAdapt.VH
holder, int position) {

holder.draw(data.get(position));

    }


    @Override

    public int getItemCount() {

        return data.size();

    }


    public    class    VH    extends
RecyclerView.ViewHolder {

        public    void    draw(final
DataPribadi dataPribadi) {

            ((TextView)
itemView.findViewById(R.id.nama)
).setText(dataPribadi.getNama());

            ((TextView)
itemView.findViewById(R.id.jenis_
kelamin)).setText(dataPribadi.getJeni
s_kelamin()  ==  1  ?  "Laki-laki"  :
"Perempuan");

            ((TextView)
itemView.findViewById(R.id.tempat
_lahir)).setText(dataPribadi.getTemp
at_lahir() + ", "

                +
TextUtil.formatTanggalPendek(data
Pribadi.getTanggal_lahir()));

            ((TextView)
itemView.findViewById(R.id.alamat
)).setText(dataPribadi.getAlamat());


itemView.findViewById(R.id.box).s
etOnClickListener(new
View.OnClickListener() {

                @Override

                public              void
onClick(View view) {

                    ((MainActivity)
getActivity()).startDetailDataPribadi(
dataPribadi);

                }

            });

        }


    public VH(View itemView) {

        super(itemView);

    }

    }

}
```

```java
package
id.ac.umy.pembayaranzakat.fragment
s;


import
android.app.DatePickerDialog;

import android.os.Bundle;

import
android.support.annotation.Nullable;

import
android.support.v4.app.Fragment;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.DatePicker;

import android.widget.EditText;

import android.widget.RadioButton;

import android.widget.TextView;

import android.widget.Toast;


import java.util.Calendar;


import
id.ac.umy.pembayaranzakat.MainAct
ivity;

import
id.ac.umy.pembayaranzakat.R;

import
id.ac.umy.pembayaranzakat.TextUtil
;

import
id.ac.umy.pembayaranzakat.client.Cl
ient;

import
id.ac.umy.pembayaranzakat.models.
DataPribadi;

import retrofit2.Call;

import retrofit2.Callback;

import retrofit2.Response;


public class DataPribadiFragment
extends Fragment implements
View.OnClickListener {

    private View view;

    private DataPribadi dataPribadi;



    private OnDataPribadiListener
onDataPribadiListener;


    public void
setOnDataPribadiListener(OnDataPri
badiListener onDataPribadiListener)
{

        this.onDataPribadiListener =
onDataPribadiListener;

        clear();

    }


    public void
setDataPribadi(DataPribadi
dataPribadi) {

        this.dataPribadi = dataPribadi;

        view();
```

```java
        }

    @Nullable
    @Override
    public                          View
onCreateView(LayoutInflater
inflater,    @Nullable    ViewGroup
container,        @Nullable    Bundle
savedInstanceState) {
        if (view == null) {

        view                        =
inflater.inflate(R.layout.fragment_ad
d_data_pribadi, container, false);

view.findViewById(R.id.tanggal_lah
ir).setOnClickListener(this);

view.findViewById(R.id.simpan).set
OnClickListener(this);

view.findViewById(R.id.nav_btn).se
tOnClickListener(this);
        }

        return view;
    }

    public void clear() {
        dataPribadi        =        new
DataPribadi();
    }

    @Override
    public void onResume() {
        super.onResume();
        view();
    }

    public void view() {
        if (view != null && dataPribadi
!= null) {
            RadioButton       laki      =
(RadioButton)
view.findViewById(R.id.laki);

laki.setChecked(dataPribadi.getJenis
_kelamin() == 1);
            RadioButton   perempuan   =
(RadioButton)
view.findViewById(R.id.perempuan)
;

perempuan.setChecked(dataPribadi.g
etJenis_kelamin() == 2);
            final    EditText    nama    =
(EditText)
view.findViewById(R.id.nama);

nama.setText(dataPribadi.getNama()
);
            final   EditText   tempat   =
(EditText)
view.findViewById(R.id.tempat_lahi
r);

tempat.setText(dataPribadi.getTempa
t_lahir());
            final TextView tanngal_lahir
=                          (TextView)
view.findViewById(R.id.tanggal_lah
ir);
```

```java
        tanngal_lahir.setText(dataPribadi.get
Tanggal_lahir() == 0 ? "Pilih tanggal
lahir" :

TextUtil.formatTanggalPendek(data
Pribadi.getTanggal_lahir()));
            final EditText alamat =
(EditText)
view.findViewById(R.id.alamat);

alamat.setText(dataPribadi.getAlama
t());
        }
    }


    private void simpan() {
        final MainActivity activity =
(MainActivity) getActivity();

        final EditText nama = (EditText)
view.findViewById(R.id.nama);
        if
(nama.getText().toString().isEmpty()
) {
            Toast.makeText(activity,
"Nama      harus      diisi      !",
Toast.LENGTH_LONG).show();

            nama.requestFocus();

            return;
        }
        RadioButton      laki      =
(RadioButton)
view.findViewById(R.id.laki);

        RadioButton    perempuan    =
(RadioButton)
view.findViewById(R.id.perempuan)
;
```

```java
        if    (!laki.isChecked()    &&
!perempuan.isChecked()) {

            Toast.makeText(activity,
"Jenis  kelamin  harus  dipilih  !",
Toast.LENGTH_LONG).show();

            return;

        }
        final TextView tanngal_lahir =
(TextView)
view.findViewById(R.id.tanggal_lah
ir);
        if
(dataPribadi.getTanggal_lahir() == 0)
{

            Toast.makeText(activity,
"Tanggal  lahir  harus  diisi  !",
Toast.LENGTH_LONG).show();

            tanngal_lahir.requestFocus();

            return;

        }
        final    EditText    tempat    =
(EditText)
view.findViewById(R.id.tempat_lahi
r);

        if
(tempat.getText().toString().isEmpty
()) {

            Toast.makeText(activity,
"Tempat  Lahir  harus  diisi  !",
Toast.LENGTH_LONG).show();

            tempat.requestFocus();

            return;

        }
        final    EditText    alamat    =
(EditText)
view.findViewById(R.id.alamat);
```

```java
        if
(alamat.getText().toString().isEmpty(
)) {

        Toast.makeText(activity,
"Alamat        harus        diisi        !",
Toast.LENGTH_LONG).show();

        alamat.requestFocus();

        return;

    }

dataPribadi.setAlamat(alamat.getTex
t().toString());

dataPribadi.setNama(nama.getText().
toString());

dataPribadi.setJenis_kelamin(peremp
uan.isChecked() ? 2 : 1);

dataPribadi.setTempat_lahir(tempat.
getText().toString());

activity.showProgress("Memproses
...");

Client.addOrUpdate(dataPribadi,
new
Callback<Client.DataPribadiCallbac
k>() {

        @Override

        public                void
onResponse(Call<Client.DataPribadi
Callback>                        call,
Response<Client.DataPribadiCallbac
k> response) {

        activity.dismissProgress();

        if (response.body() != null)
{

activity.addDataPribadi(response.bod
y().data_pribadi);

        if
(onDataPribadiListener != null) {

onDataPribadiListener.OnDataPribad
i(response.body().data_pribadi);

        }

activity.onBackPressed();

        }
    }

    @Override

    public                void
onFailure(Call<Client.DataPribadiCa
llback> call, Throwable t) {

        activity.dismissProgress();

        Toast.makeText(activity,
t.getLocalizedMessage(),
Toast.LENGTH_LONG).show();

    }
});
}

    @Override

    public void onClick(final View v) {

        switch (v.getId()) {

            case R.id.tanggal_lahir:

                DatePickerFragment
datePickerFragment        =        new
DatePickerFragment();
```

```java
        datePickerFragment.setOnDateSetListener(new
DatePickerDialog.OnDateSetListener() {

            @Override

            public          void
onDateSet(DatePicker datePicker, int
year, int month, int day) {

                Calendar   calendar   =
Calendar.getInstance();


calendar.set(Calendar.YEAR, year);


calendar.set(Calendar.MONTH,
month);


calendar.set(Calendar.DAY_OF_MONTH, day);


dataPribadi.setTanggal_lahir(calendar.getTimeInMillis());

                ((TextView)
v).setText(TextUtil.formatTanggalPendek(dataPribadi.getTanggal_lahir())
);

            }

        });


        datePickerFragment.show(getActivity().getSupportFragmentManager(),
"datePicker");

                break;

            case R.id.simpan:

                simpan();

                break;

            case R.id.nav_btn:

                getActivity().onBackPressed();

            }

        }

}


package
id.ac.umy.pembayaranzakat.fragments;


import
android.content.DialogInterface;

import android.os.Bundle;

import
android.support.annotation.Nullable;

import
android.support.v4.app.Fragment;

import
android.support.v7.app.AlertDialog;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.TextView;

import android.widget.Toast;


import
id.ac.umy.pembayaranzakat.MainActivity;

import
id.ac.umy.pembayaranzakat.R;

import
id.ac.umy.pembayaranzakat.TextUtil;
```

```java
import
id.ac.umy.pembayaranzakat.client.Client;

import
id.ac.umy.pembayaranzakat.models.Fitrah;

import retrofit2.Call;

import retrofit2.Callback;

import retrofit2.Response;


public                          class
DetailZakatFitrahFragment     extends
Fragment                    implements
View.OnClickListener {

    @Override

    public void onClick(View v) {

        final MainActivity activity =
(MainActivity) getActivity();

        if (v.getId() == R.id.nav_btn)

            activity.onBackPressed();

        else {

            AlertDialog.Builder builder =
new AlertDialog.Builder(activity);

            builder.setTitle("Hapus");

            builder.setMessage("Anda
yakin menghapus zakat ?");

builder.setNegativeButton("Tidak",
null);

builder.setPositiveButton("Iya", new
DialogInterface.OnClickListener() {

                @Override

                public              void
onClick(DialogInterface
dialogInterface, int i) {

activity.showProgress("Menghapus
...");

                    Client.deleteZakat(zakat,
new
Callback<Client.ZakatCallback>() {

                        @Override

                        public              void
onResponse(Call<Client.ZakatCallback>
call,
Response<Client.ZakatCallback>
response) {

activity.dismissProgress();

                            if (response.body()
!= null) {

Toast.makeText(activity,    "Berhasil
menghapus         zakat            !",
Toast.LENGTH_LONG).show();

activity.deleteZakat(zakat);

                            }

activity.onBackPressed();

                        }

                        @Override

                        public              void
onFailure(Call<Client.ZakatCallback
> call, Throwable t) {

activity.dismissProgress();
```

```java
                }
              });
            }
          });
          builder.show();
        }
      }


    private View view;

    private Fitrah zakat;


    public void setZakat(Fitrah zakat)
{

        this.zakat = zakat;

    }


    @Nullable

    @Override

    public                        View
onCreateView(LayoutInflater
inflater,    @Nullable   ViewGroup
container,    @Nullable    Bundle
savedInstanceState) {

        if (view == null) {

            view                        =
inflater.inflate(R.layout.fragment_det
ail_zakat_fitrah, container, false);


view.findViewById(R.id.nav_btn).se
tOnClickListener(this);


view.findViewById(R.id.hapus).setO
nClickListener(this);

        }

        return view;

      }


    @Override

    public void onResume() {

        super.onResume();

        if (zakat != null) {

            ((TextView)
view.findViewById(R.id.tanggal)).se
tText(TextUtil.formatTanggalPanjan
g(zakat.getDibuat()));

            ((TextView)
view.findViewById(R.id.nominal)).s
etText("Rp.              " +
TextUtil.formatCurrencyIdn(zakat.ge
tNominal()));

            ((TextView)
view.findViewById(R.id.nama)).setT
ext(zakat.getNama());

            ((TextView)
view.findViewById(R.id.alamat)).set
Text(zakat.getAlamat());

            ((TextView)
view.findViewById(R.id.zakat)).setT
ext("Zakat Fitrah");

            ((TextView)
view.findViewById(R.id.jiwa)).setTe
xt("" + zakat.getJumlah_jiwa());

            ((TextView)
view.findViewById(R.id.harga_bera
s)).setText("Rp.              " +
TextUtil.formatCurrencyIdn(zakat.ge
tHarga_beras()));

            final int n_nishab = (int) (2.5d
* zakat.getHarga_beras());
```

```java
        ((TextView) view.findViewById(R.id.nishab)).setText("Rp. " + TextUtil.formatCurrencyIdn(n_nishab));

        }

    }

}


package id.ac.umy.pembayaranzakat.fragments;


import android.content.DialogInterface;

import android.os.Bundle;

import android.support.annotation.Nullable;

import android.support.v4.app.Fragment;

import android.support.v7.app.AlertDialog;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.TextView;

import android.widget.Toast;


import id.ac.umy.pembayaranzakat.MainActivity;

import id.ac.umy.pembayaranzakat.R;

import id.ac.umy.pembayaranzakat.TextUtil;

import id.ac.umy.pembayaranzakat.client.Client;

import id.ac.umy.pembayaranzakat.models.Harta;

import retrofit2.Call;

import retrofit2.Callback;

import retrofit2.Response;


public class DetailZakatHartaFragment extends Fragment implements View.OnClickListener {

    @Override

    public void onClick(View v) {

        final MainActivity activity = (MainActivity) getActivity();

        if (v.getId() == R.id.nav_btn)

            activity.onBackPressed();

        else {

            AlertDialog.Builder builder = new AlertDialog.Builder(activity);

            builder.setTitle("Hapus");

            builder.setMessage("Anda yakin menghapus zakat ?");

            builder.setNegativeButton("Tidak", null);
```

```java
builder.setPositiveButton("Iya", new DialogInterface.OnClickListener() {

    @Override

    public void onClick(DialogInterface dialogInterface, int i) {

        activity.showProgress("Menghapus...");

        Client.deleteZakat(zakat, new Callback<Client.ZakatCallback>() {

            @Override

            public void onResponse(Call<Client.ZakatCallback> call, Response<Client.ZakatCallback> response) {

                activity.dismissProgress();
                if (response.body() != null) {

                    Toast.makeText(activity, "Berhasil menghapus zakat !", Toast.LENGTH_LONG).show();

                    activity.deleteZakat(zakat);
                }

                activity.onBackPressed();
            }

            @Override

            public void onFailure(Call<Client.ZakatCallback> call, Throwable t) {

                activity.dismissProgress();
            }
        });
    }
});
builder.show();
}
}

private View view;
private Harta zakat;

public void setZakat(Harta zakat) {
    this.zakat = zakat;
}

@Nullable
@Override
public View onCreateView(LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState) {
    if (view == null) {
        view = inflater.inflate(R.layout.fragment_detail_zakat_harta, container, false);
```

```java
view.findViewById(R.id.nav_btn).setOnClickListener(this);

view.findViewById(R.id.hapus).setOnClickListener(this);
    }
    return view;
  }


  @Override
  public void onResume() {
    super.onResume();
    if (zakat != null) {
      ((TextView) view.findViewById(R.id.tanggal)).setText(TextUtil.formatTanggalPanjang(zakat.getDibuat()));
      ((TextView) view.findViewById(R.id.nominal)).setText("Rp.        " + TextUtil.formatCurrencyIdn(zakat.getNominal()));
      ((TextView) view.findViewById(R.id.nama)).setText(zakat.getNama());
      ((TextView) view.findViewById(R.id.alamat)).setText(zakat.getAlamat());
      ((TextView) view.findViewById(R.id.zakat)).setText("Zakat Harta");
      int n_nishab = 85 * zakat.getHarga_emas();
      ((TextView) view.findViewById(R.id.harta)).setText("Rp.        " + TextUtil.formatCurrencyIdn(zakat.getHarta()));
      ((TextView) view.findViewById(R.id.utang)).setText("Rp.        " + TextUtil.formatCurrencyIdn(zakat.getUtang()));
      ((TextView) view.findViewById(R.id.harga_emas)).setText("Rp.        " + TextUtil.formatCurrencyIdn(zakat.getHarga_emas()));
      ((TextView) view.findViewById(R.id.nishab)).setText("Rp.        " + TextUtil.formatCurrencyIdn(n_nishab));
      ((TextView) view.findViewById(R.id.wajib)).setText(zakat.getHarta() - zakat.getUtang() >= n_nishab ? "Ya" : "Tidak");
    }
  }
}


package id.ac.umy.pembayaranzakat.fragments;


import android.content.DialogInterface;

import android.os.Bundle;

import android.support.annotation.Nullable;

import android.support.v4.app.Fragment;
```

```java
import
android.support.v7.app.AlertDialog;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.TextView;

import android.widget.Toast;


import
id.ac.umy.pembayaranzakat.MainActivity;

import
id.ac.umy.pembayaranzakat.R;

import
id.ac.umy.pembayaranzakat.TextUtil;

import
id.ac.umy.pembayaranzakat.client.Client;

import
id.ac.umy.pembayaranzakat.models.Profesi;

import retrofit2.Call;

import retrofit2.Callback;

import retrofit2.Response;


public                          class
DetailZakatProfesiFragment extends
Fragment                 implements
View.OnClickListener {

    @Override

    public void onClick(View v) {

        final MainActivity activity =
(MainActivity) getActivity();

        if (v.getId() == R.id.nav_btn)

            activity.onBackPressed();

        else {

            AlertDialog.Builder builder =
new AlertDialog.Builder(activity);

            builder.setTitle("Hapus");

            builder.setMessage("Anda
yakin menghapus zakat ?");

builder.setNegativeButton("Tidak",
null);


builder.setPositiveButton("Iya",  new
DialogInterface.OnClickListener() {

                @Override

                public               void
onClick(DialogInterface
dialogInterface, int i) {

activity.showProgress("Menghapus
...");


                    Client.deleteZakat(zakat,
new
Callback<Client.ZakatCallback>() {

                        @Override

                        public              void
onResponse(Call<Client.ZakatCallback>
call,
Response<Client.ZakatCallback>
response) {

activity.dismissProgress();
```

```java
                    if  (response.body()
!= null) {

Toast.makeText(activity,    "Berhasil
menghapus        zakat        !",
Toast.LENGTH_LONG).show();


activity.deleteZakat(zakat);
                    }

activity.onBackPressed();
                    }


                @Override

                public           void
onFailure(Call<Client.ZakatCallback
> call, Throwable t) {

activity.dismissProgress();
                }
            });
            }
        });
        builder.show();
        }
    }


    private View view;

    private Profesi zakat;


    public void setZakat(Profesi zakat)
{
        this.zakat = zakat;
```

```java
    }


    @Nullable

    @Override

    public                       View
onCreateView(LayoutInflater
inflater,    @Nullable   ViewGroup
container,    @Nullable    Bundle
savedInstanceState) {

        if (view == null) {

            view                    =
inflater.inflate(R.layout.fragment_det
ail_zakat_profesi, container, false);


view.findViewById(R.id.nav_btn).se
tOnClickListener(this);


view.findViewById(R.id.hapus).setO
nClickListener(this);

        }

        return view;

    }


    @Override

    public void onResume() {

        super.onResume();

        if (zakat != null) {

            ((TextView)
view.findViewById(R.id.tanggal)).se
tText(TextUtil.formatTanggalPanjan
g(zakat.getDibuat()));

            ((TextView)
view.findViewById(R.id.nominal)).s
etText("Rp.            "            +
TextUtil.formatCurrencyIdn(zakat.ge
tNominal()));
```

```java
        ((TextView)
view.findViewById(R.id.nama)).setText(zakat.getNama());

        ((TextView)
view.findViewById(R.id.alamat)).setText(zakat.getAlamat());

        ((TextView)
view.findViewById(R.id.zakat)).setText("Zakat Profesi");

        int n_nishab = 520 * zakat.getHarga_beras();

        ((TextView)
view.findViewById(R.id.pendapatan)).setText("" +
TextUtil.formatCurrencyIdn(zakat.getPendapatan()));

        ((TextView)
view.findViewById(R.id.utang)).setText("" +
TextUtil.formatCurrencyIdn(zakat.getUtang()));

        ((TextView)
view.findViewById(R.id.harga_beras)).setText("Rp. " +
TextUtil.formatCurrencyIdn(zakat.getHarga_beras()));

        ((TextView)
view.findViewById(R.id.nishab)).setText("Rp. " +
TextUtil.formatCurrencyIdn(n_nishab));

        ((TextView)
view.findViewById(R.id.wajib)).setText(zakat.getPendapatan() -
zakat.getUtang() >= n_nishab ? "Ya" : "Tidak");
        }
    }
}


package
id.ac.umy.pembayaranzakat.fragments;


import android.os.Bundle;

import
android.support.annotation.Nullable;

import
android.support.v4.app.Fragment;

import android.util.Log;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.EditText;

import android.widget.TextView;

import android.widget.Toast;


import
id.ac.umy.pembayaranzakat.CurrencyText;

import
id.ac.umy.pembayaranzakat.R;

import
id.ac.umy.pembayaranzakat.TextUtil;

import
id.ac.umy.pembayaranzakat.models.Fitrah;


public class FitrahFragment extends Fragment {

    private View view;
```

```java
    private Fitrah zakat;

    public Fitrah getZakat() {
        return zakat;
    }

    @Nullable
    @Override
    public View onCreateView(LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState) {
        if (view == null) {
            view = inflater.inflate(R.layout.fragment_zakat_fitrah, container, false);
            new CurrencyText((EditText) view.findViewById(R.id.harga_beras));
            final EditText jiwa = (EditText) view.findViewById(R.id.jiwa);
            final EditText beras = (EditText) view.findViewById(R.id.harga_beras);
            final TextView nominal = (TextView) view.findViewById(R.id.nominal);

            view.findViewById(R.id.hitung).setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View view) {
                    hitung();
                }
            });
        }
        return view;
    }

    private void hitung() {
        final EditText jiwa = (EditText) view.findViewById(R.id.jiwa);
        final EditText beras = (EditText) view.findViewById(R.id.harga_beras);
        final TextView nishab = (TextView) view.findViewById(R.id.nishab);
        final TextView nominal = (TextView) view.findViewById(R.id.nominal);
        //check input dahulu, kalau kosong kasih peringatan.
        if (jiwa.getText().toString().isEmpty()) {

            Toast.makeText(getActivity(), "Jumlah Jiwa harus diisi !", Toast.LENGTH_LONG).show();
            jiwa.requestFocus();
            return;
        }
```

```java
        if
(beras.getText().toString().isEmpty()
) {

Toast.makeText(getActivity(),
"Harga    beras    harus    diisi    !",
Toast.LENGTH_LONG).show();

        beras.requestFocus();

        return;

    }

    int n_jiwa = 0;

    int harga_beras = 0;

    //check input dahulu, konversi ke
integer @see TextUtil

    try {

        n_jiwa                       =
Integer.parseInt(jiwa.getText().toStri
ng());

    } catch (Exception e) {

Toast.makeText(getActivity(), "Isian
jumlah     Jiwa     salah     !",
Toast.LENGTH_LONG).show();

        jiwa.requestFocus();

        return;

    }

    try {

        harga_beras      =      (int)
TextUtil.removeFormatCurrencyIdn
Throw(beras.getText().toString());

    } catch (Exception e) {

Toast.makeText(getActivity(), "Isian
harga     beras     salah     !",
Toast.LENGTH_LONG).show();
```

```java
        beras.requestFocus();

    }

    Log.i("zz",      "beras      "      +
harga_beras);

    final int n_nishab = (int) (2.5d *
harga_beras);

    nishab.setText("Rp.      "      +
TextUtil.formatCurrencyIdn(n_nisha
b));

    final int n_nominal = n_jiwa *
n_nishab;

    nominal.setText("Rp.      "      +
TextUtil.formatCurrencyIdn(n_nomi
nal));

    zakat = new Fitrah();

zakat.setHarga_beras(harga_beras);

    zakat.setJumlah_jiwa(n_jiwa);

    zakat.setNominal(n_nominal);


  }
}

package
id.ac.umy.pembayaranzakat.fragment
s;


import android.os.Bundle;

import
android.support.annotation.Nullable;

import
android.support.v4.app.Fragment;

import android.util.Log;

import android.view.LayoutInflater;
```

```java
import android.view.View;

import android.view.ViewGroup;

import android.widget.EditText;

import android.widget.TextView;

import android.widget.Toast;


import id.ac.umy.pembayaranzakat.CurrencyText;

import id.ac.umy.pembayaranzakat.R;

import id.ac.umy.pembayaranzakat.TextUtil;

import id.ac.umy.pembayaranzakat.models.Harta;


public class HartaFragment extends Fragment {

    private View view;

    private Harta zakat;


    public Harta getZakat() {

        return zakat;

    }


    @Nullable

    @Override

    public View onCreateView(LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState) {

        if (view == null) {

            view = inflater.inflate(R.layout.fragment_zakat_harta, container, false);

            new CurrencyText((EditText) view.findViewById(R.id.harta));

            new CurrencyText((EditText) view.findViewById(R.id.utang));

            new CurrencyText((EditText) view.findViewById(R.id.harga_emas));


            view.findViewById(R.id.hitung).setOnClickListener(new View.OnClickListener() {

                @Override

                public void onClick(View view) {

                    hitung();

                }

            });

        }

        return view;

    }


    private void hitung() {

        final EditText harta = (EditText) view.findViewById(R.id.harta);

        final EditText utang = (EditText) view.findViewById(R.id.utang);
```

```java
        final EditText emas = (EditText)
view.findViewById(R.id.harga_emas
);

        if
(harta.getText().toString().isEmpty())
{

Toast.makeText(getActivity(),
"Jumlah  harta  harus  diisi  !",
Toast.LENGTH_LONG).show();

            harta.requestFocus();

            return;

        }

        if
(utang.getText().toString().isEmpty()
) {

Toast.makeText(getActivity(),
"Jumlah  utang  harus  diisi  !",
Toast.LENGTH_LONG).show();

            utang.requestFocus();

            return;

        }

        if
(emas.getText().toString().isEmpty()
) {

Toast.makeText(getActivity(),
"Harga  emas  harus  diisi  !",
Toast.LENGTH_LONG).show();

            emas.requestFocus();

            return;

        }

        int  n_harta  =  0,  n_utang  =  0,
n_emas = 0;

        try {

            n_harta        =        (int)
TextUtil.removeFormatCurrencyIdn
Throw(harta.getText().toString());

        } catch (Exception e) {

Toast.makeText(getActivity(), "Isian
jumlah    harta    salah    !",
Toast.LENGTH_LONG).show();

            harta.requestFocus();

            e.printStackTrace();

        }

        try {

            n_utang        =        (int)
TextUtil.removeFormatCurrencyIdn
Throw(utang.getText().toString());

        } catch (Exception e) {

Toast.makeText(getActivity(), "Isian
jumlah    utang    salah    !",
Toast.LENGTH_LONG).show();

            utang.requestFocus();

            e.printStackTrace();

        }

        try {

            n_emas        =        (int)
TextUtil.removeFormatCurrencyIdn
Throw(emas.getText().toString());

        } catch (Exception e) {

Toast.makeText(getActivity(), "Isian
harga    emas    salah    !",
Toast.LENGTH_LONG).show();

            emas.requestFocus();

            e.printStackTrace();

        }
```

```java
        int n_nishab = 85 * n_emas;

        int n_nominal = (int) ((2.5 / 100)
* (n_harta - n_utang));

        ((TextView)
view.findViewById(R.id.nishab)).set
Text("Rp.              "         +
TextUtil.formatCurrencyIdn(n_nisha
b));

        ((TextView)
view.findViewById(R.id.wajib)).set
Text(n_harta - n_utang >= n_nishab ?
"Ya" : "Tidak");

        ((TextView)
view.findViewById(R.id.nominal)).s
etText("Rp. " + (n_harta - n_utang >=
n_nishab ?


TextUtil.formatCurrencyIdn(n_nomi
nal) : "0"));

        Log.i("harta", "nominal  " +
n_nominal);

        zakat = new Harta();

        zakat.setHarga_emas(n_emas);

        zakat.setHarta(n_harta);

        zakat.setUtang(n_utang);

        zakat.setNominal(n_harta    -
n_utang >= n_nishab ? n_nominal :
0);

    }

}


package
id.ac.umy.pembayaranzakat.fragment
s;


import android.os.Bundle;

import
android.support.annotation.Nullable;

import
android.support.v4.app.Fragment;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;


import
id.ac.umy.pembayaranzakat.MainAct
ivity;

import
id.ac.umy.pembayaranzakat.R;


public class MainMenu extends
Fragment         implements
View.OnClickListener {

    @Override

    public void onClick(View v) {

        final MainActivity activity =
(MainActivity) getActivity();

        switch (v.getId()) {

            case R.id.zakat:

                activity.freshStartZakat();

                break;

            case R.id.riwayat:


activity.startRiwayatZakat();

                break;

            case R.id.data_pribadi:
```

```java
        activity.startDaftarDataPribadi();

            break;

        case R.id.bantuan:

            break;


        }

    }


    private View view;


    @Nullable

    @Override

    public                    View
onCreateView(LayoutInflater
inflater,    @Nullable    ViewGroup
container,    @Nullable    Bundle
savedInstanceState) {

        if (view == null) {

        view                        =
inflater.inflate(R.layout.main_menu,
container, false);


view.findViewById(R.id.zakat).setO
nClickListener(this);


view.findViewById(R.id.riwayat).set
OnClickListener(this);


view.findViewById(R.id.data_pribad
i).setOnClickListener(this);


view.findViewById(R.id.bantuan).se
tOnClickListener(this);

        }

        return view;

    }

}

package
id.ac.umy.pembayaranzakat.fragment
s;


import android.os.Bundle;

import
android.support.annotation.Nullable;

import
android.support.v4.app.Fragment;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.EditText;

import android.widget.TextView;

import android.widget.Toast;


import
id.ac.umy.pembayaranzakat.Currenc
yText;

import
id.ac.umy.pembayaranzakat.R;

import
id.ac.umy.pembayaranzakat.TextUtil
;

import
id.ac.umy.pembayaranzakat.models.
Profesi;
```

```java
public class ProfesiFragment extends
Fragment {

    private View view;

    private Profesi zakat;


    public Profesi getZakat() {

        return zakat;

    }


    @Nullable

    @Override

    public                          View
onCreateView(LayoutInflater
inflater,    @Nullable    ViewGroup
container,    @Nullable    Bundle
savedInstanceState) {

        if (view == null) {

            view                    =
inflater.inflate(R.layout.fragment_za
kat_profesi, container, false);

            new CurrencyText((EditText)
view.findViewById(R.id.pendapatan
));

            new CurrencyText((EditText)
view.findViewById(R.id.utang));

            new CurrencyText((EditText)
view.findViewById(R.id.harga_bera
s));


view.findViewById(R.id.hitung).set
OnClickListener(new
View.OnClickListener() {

                @Override

                public  void  onClick(View
view) {

                    hitung();

                }

            });

        }

        return view;

    }


    private void hitung() {

        final  EditText  pendapatan  =
(EditText)
view.findViewById(R.id.pendapatan
);

        final EditText utang = (EditText)
view.findViewById(R.id.utang);

        final EditText beras = (EditText)
view.findViewById(R.id.harga_bera
s);

        if
(pendapatan.getText().toString().isE
mpty()) {

Toast.makeText(getActivity(),
"Jumlah pendapatan  harus  diisi  !",
Toast.LENGTH_LONG).show();

            pendapatan.requestFocus();

            return;

        }

        if
(utang.getText().toString().isEmpty()
) {

Toast.makeText(getActivity(),
"Jumlah   utang   harus   diisi   !",
Toast.LENGTH_LONG).show();
```

```java
        utang.requestFocus();

        return;

    }

    if
(beras.getText().toString().isEmpty()
) {

Toast.makeText(getActivity(),
"Harga  beras  harus  diisi  !",
Toast.LENGTH_LONG).show();

        beras.requestFocus();

        return;

    }

    int n_pendapatan = 0, n_utang =
0, n_beras = 0;

    try {

        n_pendapatan     =     (int)
TextUtil.removeFormatCurrencyIdn
Throw(pendapatan.getText().toString
());

    } catch (Exception e) {

Toast.makeText(getActivity(), "Isian
jumlah    pendapatan    salah    !",
Toast.LENGTH_LONG).show();

        pendapatan.requestFocus();

        e.printStackTrace();

    }

    try {

        n_utang          =          (int)
TextUtil.removeFormatCurrencyIdn
Throw(utang.getText().toString());

    } catch (Exception e) {

Toast.makeText(getActivity(),  "Isian
```

```java
jumlah      utang      salah      !",
Toast.LENGTH_LONG).show();

        utang.requestFocus();

        e.printStackTrace();

    }

    try {

        n_beras          =          (int)
TextUtil.removeFormatCurrencyIdn
Throw(beras.getText().toString());

    } catch (Exception e) {

Toast.makeText(getActivity(),  "Isian
harga     beras     salah     !",
Toast.LENGTH_LONG).show();

        beras.requestFocus();

        e.printStackTrace();

    }

    int n_nishab = 520 * n_beras;

    int    n_nominal    =    (int)
((n_pendapatan - n_utang) * 2.5 / 100
);

    ((TextView)
view.findViewById(R.id.nishab)).set
Text("Rp.              "              +
TextUtil.formatCurrencyIdn(n_nisha
b));

    ((TextView)
view.findViewById(R.id.wajib)).set
Text((n_pendapatan - n_utang) >=
n_nishab ? "Ya" : "TIdak");

    ((TextView)
view.findViewById(R.id.nominal)).s
etText("Rp. " + ((n_pendapatan -
n_utang) >= n_nishab ?

(TextUtil.formatCurrencyIdn(n_nom
inal)) : "0"));
```

```java
    zakat = new Profesi();

    zakat.setHarga_beras(n_beras);

zakat.setPendapatan(n_pendapatan);

    zakat.setUtang(n_utang);

    zakat.setNominal(n_pendapatan
- n_utang >= n_nishab ? n_nominal :
0);

    }
}


package
id.ac.umy.pembayaranzakat.fragment
s;


import
android.content.DialogInterface;

import android.os.Bundle;

import
android.support.annotation.Nullable;

import
android.support.v4.app.Fragment;

import
android.support.v7.app.AlertDialog;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.TextView;

import android.widget.Toast;


import
id.ac.umy.pembayaranzakat.MainAct
ivity;

import
id.ac.umy.pembayaranzakat.R;

import
id.ac.umy.pembayaranzakat.TextUtil
;

import
id.ac.umy.pembayaranzakat.client.Cl
ient;

import
id.ac.umy.pembayaranzakat.models.
DataPribadi;

import
id.ac.umy.pembayaranzakat.models.
Zakat;

import retrofit2.Call;

import retrofit2.Callback;

import retrofit2.Response;


public class SimpanFragment extends
Fragment              implements
View.OnClickListener {
    private Zakat zakat;

    private DataPribadi dataPribadi;


    public void setZakat(Zakat zakat) {

zakat.setDibuat(System.currentTime
Millis());

        this.zakat = zakat;

        dataPribadi = null;

        if (view != null) {

            ((TextView)
view.findViewById(R.id.person)).set
```

```java
        Text("Klik    untuk    memilih    /
membuat");
        }
    }


    private View view;


    @Nullable
    @Override
    public                          View
onCreateView(LayoutInflater
inflater,    @Nullable    ViewGroup
container,       @Nullable    Bundle
savedInstanceState) {
        if (view == null) {

            view                       =
inflater.inflate(R.layout.fragment_si
mpan, container, false);

view.findViewById(R.id.simpan).set
OnClickListener(this);


view.findViewById(R.id.person).set
OnClickListener(this);


view.findViewById(R.id.nav_btn).se
tOnClickListener(this);
        }
        return view;
    }


    @Override
    public void onResume() {
        super.onResume();

        if (zakat != null) {

            ((TextView)
view.findViewById(R.id.time)).setT
ext(TextUtil.formatTanggalPanjang(
zakat.getDibuat()));

            ((TextView)
view.findViewById(R.id.nominal)).s
etText("Rp.              "          +
TextUtil.formatCurrencyIdn(zakat.ge
tNominal()));

            switch (zakat.getJenis()) {
                case 0:
                    ((TextView)
view.findViewById(R.id.zakat)).setT
ext("Zakat Fitrah");
                    break;
                case 1:
                    ((TextView)
view.findViewById(R.id.zakat)).setT
ext("Zakat Profesi");
                    break;
                case 2:
                    ((TextView)
view.findViewById(R.id.zakat)).setT
ext("Zakat Harta");
                    break;
            }
        }
        if (dataPribadi != null)
            ((TextView)
view.findViewById(R.id.person)).set
Text(dataPribadi.getNama());
    }
```

```java
    public void setDataPribadi(DataPribadi dataPribadi) {

        this.dataPribadi = dataPribadi;

        if (view != null)

            ((TextView) view.findViewById(R.id.person)).setText(dataPribadi.getNama());

    }


    private void simpan() {

        final MainActivity activity = (MainActivity) getActivity();

        if (dataPribadi == null) {

            Toast.makeText(activity, "Data Pribadi harus diisi !", Toast.LENGTH_LONG).show();

            return;

        }

        zakat.setDataPribadi(dataPribadi);

        activity.showProgress("Menyimpan ...");

        Client.addZakat(zakat, new Callback<Client.ZakatCallback>() {

            @Override

            public void onResponse(Call<Client.ZakatCallback> call, Response<Client.ZakatCallback> response) {

                activity.dismissProgress();

                if (response.body() != null) {

                    switch (zakat.getJenis()) {

                        case 0:

                            activity.addZakat(response.body().fitrah);

                            break;

                        case 1:

                            activity.addZakat(response.body().profesi);

                            break;

                        case 2:

                            activity.addZakat(response.body().harta);

                            break;

                    }

                    Toast.makeText(activity, "Berhasil menyimpan !", Toast.LENGTH_LONG).show();

                }

                activity.freshStartZakat();

            }


            @Override

            public void onFailure(Call<Client.ZakatCallback> call, Throwable t) {

                activity.dismissProgress();

                Toast.makeText(activity, t.getLocalizedMessage(), Toast.LENGTH_LONG).show();

            }
```

```java
        });
    }


    private final OnDataPribadiListener onDataPribadiListener = new OnDataPribadiListener() {
        @Override
        public void OnDataPribadi(DataPribadi dataPribadi) {
            setDataPribadi(dataPribadi);
        }
    };


    @Override
    public void onClick(View v) {
        final MainActivity activity = (MainActivity) getActivity();
        switch (v.getId()) {
            case R.id.person:
                AlertDialog.Builder builder = new AlertDialog.Builder(getActivity());
                builder.setTitle("Pilih");

builder.setMessage("Membuat baru atau yang pernah dibuat");

builder.setNeutralButton("Buat Baru", new DialogInterface.OnClickListener() {
                    @Override
                    public void onClick(DialogInterface dialogInterface, int i) {

activity.startDataPribadi(onDataPribadiListener);
                    }
                });

builder.setNegativeButton("Pilih Data Pribadi", new DialogInterface.OnClickListener() {
                    @Override
                    public void onClick(DialogInterface dialogInterface, int i) {

activity.startCariDataPribadi(onDataPribadiListener);
                    }
                });
                builder.show();
                break;
            case R.id.simpan:
                simpan();
                break;
            case R.id.nav_btn:
                activity.onBackPressed();
                break;
        }
    }
}
```