

TEKNİK DOKÜMAN

The screenshot shows two side-by-side views of the Android Studio IDE, displaying the Java code for the `AdimsayarFragment` class. The left view shows the initial implementation, and the right view shows the completed implementation.

```
package com.example.saglik;
import ...;

public class AdimsayarFragment extends Fragment implements SensorEventListener {
    private SensorManager sensorManager;
    private TextView tv_steps;
    private boolean running = false;
    FirebaseDatabase database;

    public AdimsayarFragment() {
        // Required empty public constructor
    }

    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
                           Bundle savedInstanceState) {
        // Inflate the layout for this fragment
        View adimview = inflater.inflate(R.layout.fragment_adimsayar, container, false);
        tv_steps = (TextView) adimview.findViewById(R.id.tv_steps);
        sensorManager = (SensorManager) Objects.requireNonNull(getContext()).getSystemService(Context.SENSOR_SERVICE);
    }
}
```



```
    return adimview;
}
@Override
public void onResume() {
    super.onResume();
    running = true;
    Sensor countSensor = sensorManager.getDefaultSensor(Sensor.TYPE_STEP_COUNTER);
    if (countSensor != null){
        sensorManager.registerListener( listener: this, countSensor, SensorManager.SENSOR_DELAY_UI);
    }else {
        Toast.makeText(getContext(), text: "default", Toast.LENGTH_SHORT).show();
    }
}

@Override
public void onPause() {
    super.onPause();
    running = false;
}

@Override
public void onSensorChanged(SensorEvent event) {
    AdimsayarFragment
}
```

The code implements a `SensorEventListener` to track step counts. It registers a listener for the `Sensor.TYPE_STEP_COUNTER`. If the sensor is available, it starts listening; otherwise, it displays a default message. The `onSensorChanged` method is intended to update the UI but is currently empty.

```
public class AdimsayarFragment extends Fragment implements SensorEventListener {
    private TextView tv_steps;
    private boolean running = false;

    @Override
    public void onPause() {
        super.onPause();
        running = false;
    }

    @Override
    public void onSensorChanged(SensorEvent event) {
        if (running) {
            tv_steps.setText(String.valueOf(event.values[0]));
        }
    }

    @Override
    public void onAccuracyChanged(Sensor sensor, int accuracy) {
    }
}
```

The screenshot shows the Android Studio interface with the project navigation bar at the top. The main area displays the Java code for the `AdimsayarFragment`. The code defines a fragment that implements the `SensorEventListener` interface. It overrides the `onSensorChanged` method to update a text view with the current step count whenever a sensor event is received while the application is running.

Adım ölçer Fragment Kod Sayfası

Adım sayma sensörünü getirmiş oluyoruz. Burda sensör var ise adım sayar çalışıyor yok ise bir toast mesajı ile default diyerek sensör olmadığını veya bulunamadığını belirtiyor.

.....

The image shows two side-by-side screenshots of the Android Studio IDE. Both screenshots display the Java code for a fragment named `SaglikhesaplaFragment`. The top screenshot shows the code for the `SaglikhesaplaFragment` class, which extends `Fragment`. It includes imports for `com.example.saglik`, `...` , `Button`, `EditText`, `TextView`, `Float`, `Integer`, and `FirebaseDatabase`. The bottom screenshot shows the implementation of the `onCreateView` method, which inflates a layout, retrieves views by ID, and performs calculations based on user input (boy, kilo) and database reference (bki). Both screenshots include the standard Android Studio interface with toolbars, menus, and a bottom status bar.

```
package com.example.saglik;
import ...;

public class SaglikhesaplaFragment extends Fragment {
    Button sonuc;
    EditText boy,kilo,yas;
    TextView text,text2;
    Float bki, boytext,kilotext;
    Integer yuvarlama;
    FirebaseDatabase database;
}

public SaglikhesaplaFragment() {
    // Required empty public constructor
}

@Override
SaglikhesaplaFragment
```

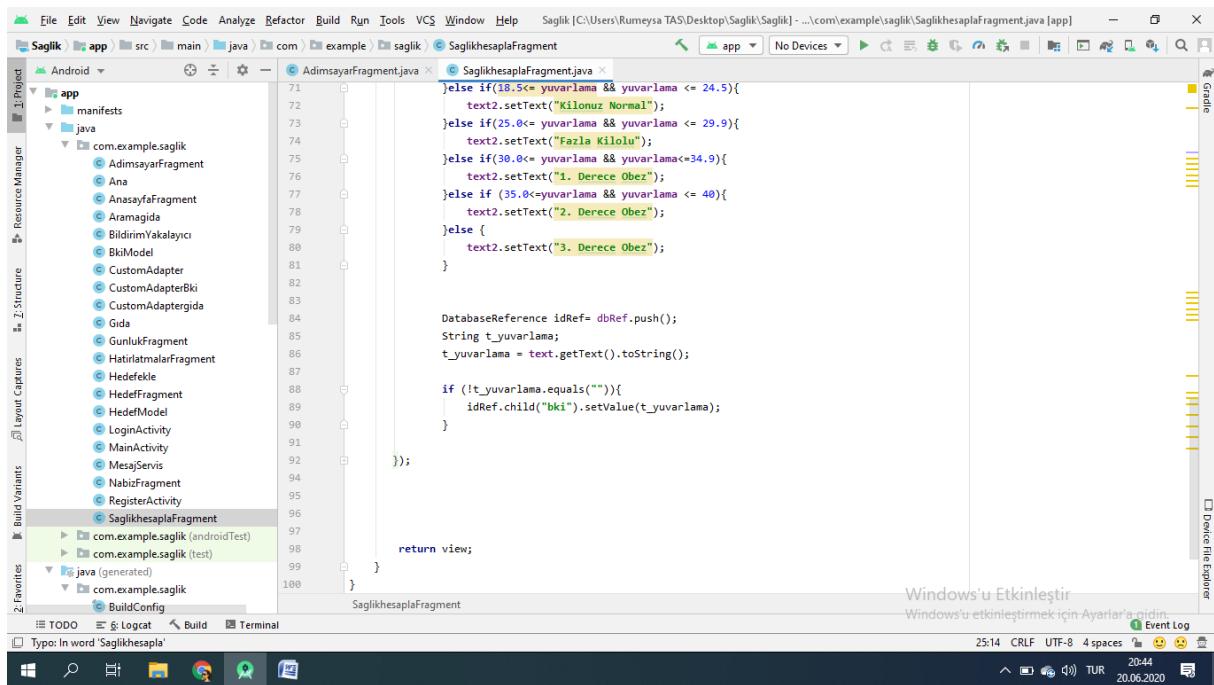
```
@Override
public View onCreateView(LayoutInflater inflater, ViewGroup container,
        Bundle savedInstanceState) {
    // Inflate the layout for this fragment
    View view = inflater.inflate(R.layout.fragment_saglikhesapla, container, false);
    DatabaseReference dbRef = FirebaseDatabase.getInstance();
    final DatabaseReference dbRef = FirebaseDatabase.getInstance().getReference("bki");
    sonuc = (Button) view.findViewById(R.id.sonuc);
    kilo = (EditText) view.findViewById(R.id.kilo);
    boy = (EditText) view.findViewById(R.id.boy);
    yas = (EditText) view.findViewById(R.id.yas);
    text = (TextView) view.findViewById(R.id.textVier1);
    text2 = (TextView) view.findViewById(R.id.textVier2);

    sonuc.setOnClickListener(v -> {

        kiloText=Float.parseFloat(kilo.getText().toString());
        boyText=Float.parseFloat(boy.getText().toString());
        bki= kiloText/(boyText*boyText);
        yuvarlama=(int) Math.ceil(bki);

        text.setText("Vücut Kütle Endeksiniz:"+yuvarlama.toString());

        if(yuvarlama<=18.5){
            text2.setText("Zayıf");
        }else if(18.5<= yuvarlama && yuvarlama <= 24.5){
            text2.setText("Kilonuz Normal");
        }
    });
}
```



```
    71     }else if(18.5<= yuvarlama && yuvarlama <= 24.5){
    72         text2.setText("Kilonuz Normal");
    73     }else if(25.0<= yuvarlama && yuvarlama <= 29.9){
    74         text2.setText("Fazla Kilolu");
    75     }else if(30.0<= yuvarlama && yuvarlama<=34.9){
    76         text2.setText("1. Derece Obez");
    77     }else if (35.0<=yuvarlama && yuvarlama <= 40){
    78         text2.setText("2. Derece Obez");
    79     }else {
    80         text2.setText("3. Derece Obez");
    81     }
    82
    83     DatabaseReference idRef= dbRef.push();
    84     String t_yuvarlama;
    85     t_yuvarlama = text.getText().toString();
    86
    87     if (!t_yuvarlama.equals("")){
    88         idRef.child("bki").setValue(t_yuvarlama);
    89     }
    90
    91     return view;
    92 }
    93
    94 }
```

Sağlık hesapla fragment kod sayfasıdır.

Vücut kitle endeksini ölçen kod blokçuları bulunuyor.

=====

```
package com.example.saglik;

import ...

public class Ana extends AppCompatActivity {
    private FirebaseAuth auth;
    private DatabaseReference mDatabase;
    private FirebaseUser currentUser;
    private FirebaseDatabase db;
    private NavigationView navigationView;
    private DrawerLayout drawer;
    private Toolbar toolbar;
    private Fragment fragment;
    private NotificationCompat.Builder builder;

    public void init(){
        auth = FirebaseAuth.getInstance();
        currentUser = auth.getCurrentUser();
    }

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        if (currentUser == null){
            Intent welcomeIntent = new Intent(getApplicationContext(), MainActivity.class);
            startActivity(welcomeIntent);
            finish();
        }
        super.onStart();
    }
}
```

Windows'u Etkinleştir

Windows'u etkinleştirmek için Ayarlar'a gidin.

Event Log

```
64     @Override
65     protected void onCreate(Bundle savedInstanceState) {
66         super.onCreate(savedInstanceState);
67         setContentView(R.layout.activity_ana);
68
69
70
71
72
73
74
75
76
77
78         init();
79         final DrawerLayout drawerLayout = findViewById(R.id.drawerLayout);
80         findViewById(R.id.imageMenu).setOnClickListener(v) +{
81             drawerLayout.openDrawer(GravityCompat.START);
82         };
83         NavigationView navigationView =findViewById(R.id.navigationView);
84         navigationView.setItemIconTintList(null);
85
86         NavController navController = Navigation.findNavController(activity, this,R.id.navHostFragment);
87         NavigationUI.setupWithNavController(navigationView, navController);
88
89
90
91     }
92 }
```

Windows'u Etkinleştir
Windows'u etkinleştirmek için Ayarlar'a gidin.

Event Log

41:14 CRLF UTF-8 4 spaces 20:47 20.06.2020

Ana. Java Kod Sayfasıdır

Aktif kullanıcı var mı yoksa main aktiviteye yönlendiriyor. Driver layout navigation view nav controller tanımlaması eklendi

```
package com.example.saglik;

import android.os.Bundle;
import androidx.fragment.app.Fragment;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.EditText;
import android.widget.ListView;
import android.widget.ArrayAdapter;
import android.widget.TextView;
import com.google.firebase.database.DatabaseReference;
import java.util.ArrayList;
import java.util.List;
import java.util.Map;
import java.util.Set;

public class AnasayfaFragment extends Fragment {
    private EditText kisiselbilgi;
    private ListView listviewbki;
    private ArrayList<BkiModel> bkilist;
    FirebaseDatabase database;
    TextView tv_steps;

    public AnasayfaFragment() {
    }

    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
                           Bundle savedInstanceState) {
        // Inflate the layout for this fragment
        return inflater.inflate(R.layout.fragment_anasayfa, container, false);
    }

    @Override
    public void onCancelled(@NonNull DatabaseError databaseError) {
    }
}
```

Windows'u Etkinleştir

Windows'u etkinleştirmek için Ayarlar'a gidin.

Event Log

The screenshot shows the Android Studio interface with the project 'Saglik' open. The code editor displays the file 'AnasayfaFragment.java'. The code implements a fragment that inflates a layout, retrieves data from a Firebase database, and populates a list view. The code uses Java 8 features like lambdas and annotations. The bottom status bar shows the time as 20:49 and the date as 20.06.2020.

```
        Bundle savedInstanceState) {
    // Inflate the layout for this fragment
    View view= inflater.inflate(R.layout.fragment_anasayfa, container, attachToRoot: false);
    tv_steps = (TextView)view.findViewById(R.id.anasayfasteps);

    bklist = new ArrayList<BkiModel>();
    listViewbki = (ListView)view.findViewById(R.id.listviewbki);
    database= FirebaseDatabase.getInstance();
    final DatabaseReference dbRef = database.getReference( path: "bki");
    dbRef.addValueEventListener(new ValueEventListener() {
        @Override
        public void onDataChange(@NonNull DataSnapshot dataSnapshot) {
            for(DataSnapshot ds: dataSnapshot.getChildren()){
                String bki = ds.child("bki").getValue().toString();
                bklist.add(new BkiModel(bki));
            }
            CustomAdapterBki customAdapter= new CustomAdapterBki(getActivity(),bklist);
            listViewbki.setAdapter(customAdapter);
            dbRef.removeEventListener(this);
        }

        @Override
        public void onCancelled(@NonNull DatabaseError databaseError) {
        }
    });
}
```

Anasayfa Fragment Java

Firebase den kullanıcı bilgilerini çekerek anasayfada gösterilmesini sağlıyor.

```

package com.example.saglik;
import ...;

public class Aramagida extends Fragment {
    FirebaseDatabase database;
    private ArrayList<Gida> gidaList;
    ListView listViewGida;

    public Aramagida() {
    }

    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
                           Bundle savedInstanceState) {
        View GidaArama = inflater.inflate(R.layout.fragment_aromagida, container, attachToRoot: false);
        gidaList = new ArrayList<Gida>();
        listViewGida = (ListView) GidaArama.findViewById(R.id.listviewgida);
        database = FirebaseDatabase.getInstance();
        final DatabaseReference dbRef = database.getReference( path: "aramagida");
        dbRef.addValueEventListener(new ValueEventListener() {
            @Override
            public void onDataChange(@NonNull DataSnapshot dataSnapshot) {
                for (DataSnapshot ds: dataSnapshot.getChildren()) {
                    ...
                }
            }
        });
        return GidaArama;
    }
}

```

Aramagıda

Kullanıcının eklediği gıdalar adı ve kalorisi olarak kullanıcıya gösterilmesi sağlanıyor



The screenshot shows the Android Studio interface with the project 'Saglik' open. The code editor displays the file 'BildirimYakalayici.java' which contains the following code:

```
package com.example.saglik;
import ...;
public class BildirimYakalayici extends BroadcastReceiver {
    @Override
    public void onReceive(Context context, Intent intent) {
        NotificationManager bildirimYonetisci = (NotificationManager) context.getSystemService(Context.NOTIFICATION_SERVICE);
        Notification bildirim = intent.getParcelableExtra( name: "nesne");
        bildirimYonetisci.notify( id: 1,bildirim);
    }
}
```

The code is responsible for receiving broadcast notifications and displaying them using the NotificationManager. The file is part of the 'com.example.saglik' package.

Bildirim yakalayıcı

Hatırlatıcı sayfasından bildirimlerin aktifleşmesini sağlıyor.

The screenshot shows the Android Studio interface with the following details:

- Project Bar:** androidbel [C:\Users\Rumeysa TAS\Desktop\rumeysa\androidbel\app\src\main\java\com\cepbelediye\androidbel] - C:\Users\Rumeysa TAS\AppData\Local\Temp\7zOC73CB650\CustomAdapter.java - Android Studio
- File Menu:** File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
- Toolbar:** Favorites, Local, Temp, 7zOC73CB650, CustomAdapter.java
- Code Editor:** The editor displays the `CustomAdapter.java` file, which extends `BaseAdapter`. It includes methods for getCount(), getItem(), getItemId(), and getView(). The `getView()` method uses `LayoutInflater` to inflate a custom row layout.
- Bottom Status Bar:** Windows'u Etkinleştir, IDE and Plugin Updates: Android Studio is ready to update. (7 minutes ago), 1:1 CRLF: UTF-8: Context: <no context>, Event Log, 16:31, 2.06.2020

Custom adapter

Hedef model sayfasında tanımlanan string ifadelerin hangisi text viewlara yerleşeceğini belirtir.

```
package com.example.saglik;
import ...;
public class CustomAdaptergida extends BaseAdapter {
    LayoutInflator layoutInflater;
    ArrayList<Gida> gidaList;
    public CustomAdaptergida (Activity activity,ArrayList<Gida> gidaList) {
        layoutInflater = (LayoutInflator)activity.getSystemService(Context.LAYOUT_INFLATER_SERVICE);
        this.gidaList = gidaList;
    }
    @Override
    public int getCount() { return gidaList.size(); }
    @Override
    public Object getItem(int position) { return gidaList.get(position); }
    @Override
    public long getItemId(int position) { return position; }
    @Override
    public View getView(int position, View convertView, ViewGroup parent) {
        Gida gida = gidaList.get(position);
        View satir = layoutInflater.inflate(R.layout.custom_satirgida,null);
        TextView name = (TextView)satir.findViewById(R.id.textViewsim);
        TextView kalori = (TextView)satir.findViewById(R.id.textViewKalori);
        name.setText(gida.getName());
        kalori.setText(gida.getKalori());
        return satir;
    }
}
```

Custom adapter gıda

Gıda class sayfasında tanımlanan stringlerin hangi textViewlara yerleşeceğini belirtir ve set edilir.

```
1 package com.example.saglik;
2
3 import ...
4
5
6 public class GunlukFragment extends Fragment {
7     private FirebaseDatabase database;
8     private ArrayList<HedefModel> hedefList;
9     private ListView listView;
10    private CustomAdapter adapter;
11
12
13
14
15    @Override
16    public View onCreateView(LayoutInflater inflater, ViewGroup container,
17                            Bundle savedInstanceState) {
18        // Inflate the layout for this fragment
19        View gunluk =inflater.inflate(R.layout.fragment_gunluk, container, false);
20        hedefList = new ArrayList<HedefModel>();
21        listView = (ListView) gunluk.findViewById(R.id.listView);
22        database = FirebaseDatabase.getInstance();
23
24        final DatabaseReference dbRef=database.getReference("hedef");
25
26        dbRef.addValueEventListener(new ValueEventListener() {
27            @Override
28            public void onDataChange(@NonNull DataSnapshot dataSnapshot) {
29                for (DataSnapshot ds: dataSnapshot.getChildren()) {
30
31                    String kalori = ds.child("Hedef_Kalori").getValue().toString();
32                    String adm = ds.child("Hedef_Adim").getValue().toString();
33                    String su =ds.child("Hedef_Su").getValue().toString();
34
35                    hedefList.add(new HedefModel(kalori, adm, su));
36                }
37
38                CustomAdapter adapter = new CustomAdapter(getActivity(),hedefList);
39                listView.setAdapter(adapter);
40                dbRef.removeEventListener(this);
41            }
42
43            @Override
44            public void onCancelled(@NonNull DatabaseError databaseError) {
45            }
46        });
47
48
49
50
51        return gunluk;
52    }
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77 }
```

Günlük fragment

Kullanıcının belirlediği hedeflerin listelenmesi.

The screenshot shows the Android Studio interface with the following details:

- Project Bar:** androidbel [C:\Users\Rumeysa TAS\Desktop\rumeysa\androidbel\app\src\main\java\com\cepbelediye\androidbel] - C:\Users\Rumeysa TAS\AppData\Local\Temp\7zOC73AE372\Gida.java - Android Studio
- File Menu:** File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
- Toolbar:** Favorites, Local, Temp, 7zOC73AE372, Gida.java
- Editor:** Displays the Gida.java code in the com.example.saglik package. The code defines a class Gida with methods for setting and getting Kalori and Name.
- Sidebar:** Project, Favorites, Structure, Favorites
- Status Bar:** Windows'u Etkinleştir, Windows'u etkinleştirmek için Ayarlar'a gidin, Event Log, IDE and Plugin Updates: Android Studio is ready to update. (9 minutes ago), 1:1 CRLF: UTF-8: Context: <no context>, 16:33, 2.06.2020

Gıda java

Veritabanından veri çekmek için oluşturduğumuz bir gıda sayfası.

The screenshot shows the Android Studio interface with the project 'androidbel' open. The main editor window displays the Java code for 'HatirlatmalarFragment.java'. The code defines a fragment that inflates a layout containing several views, including buttons and text views, and initializes them with specific IDs from the XML layout.

```
1 package com.example.saglik;
2
3 import ...
4
5 /**
6 * A simple {@link Fragment} subclass.
7 */
8 public class HatirlatmalarFragment extends Fragment {
9
10     private Button butonbildirdis, butonbildiruyku, butonbildirsu;
11     private NotificationCompat.Builder builder;
12     private TextView tith, water, sleep;
13     private ImageView imgsleep, imgwater, imgtith;
14     public HatirlatmalarFragment() {
15         // Required empty public constructor
16     }
17
18     @Override
19     public View onCreateView(LayoutInflater inflater, ViewGroup container,
20             Bundle savedInstanceState) {
21         // Inflate the layout for this fragment
22         View Hatirlatmalar = inflater.inflate(R.layout.fragment_hatirlatmalar, container, false);
23         imgsleep = (ImageView) Hatirlatmalar.findViewById(R.id.imgsleep);
24         imgtith = (ImageView) Hatirlatmalar.findViewById(R.id.imgtith);
25         imgwater = (ImageView) Hatirlatmalar.findViewById(R.id.imgwater);
26         tith = (TextView) Hatirlatmalar.findViewById(R.id.tith);
27         water = (TextView) Hatirlatmalar.findViewById(R.id.water);
28         sleep = (TextView) Hatirlatmalar.findViewById(R.id.sleeps);
29         butonbildirdis = (Button) Hatirlatmalar.findViewById(R.id.butonbildirdis);
30         butonbildirsu = (Button) Hatirlatmalar.findViewById(R.id.butonbildirsu);
31         butonbildiruyku = (Button) Hatirlatmalar.findViewById(R.id.butonbildiruyku);
32     }
33 }
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
```

```
androidbel [C:\Users\Rumeysa TAS\Desktop\rumeysa\androidbel\app\src\main\java\com\cepbelediye\androidbel] - C:\Users\Rumeysa TAS\AppData\Local\Temp\7zOC73CBB33\HatirlatmalarFragment.java - Android Studio
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
C:\Users\Rumeysa TAS\appData\Local\Temp\7zOC73CBB33\HatirlatmalarFragment.java
Project Favorites + - nc1.java Bikimodel.java CustomAdapter.java CustomAdapterBikim.java CustomAdaptergida.java GunlukFragment.java Gida.java HatirlatmalarFragment.java
119     });
120 }
121     });
122     });
123     });
124     });
125     });
126     });
127     });
128     });
129     });
130     });
131     });
132     });
133     });
134     });
135     });
136     });
137     });
138     });
139     });
140     });
141     });
142     });
143     });
144     });
145     });
146     });
147     });
148     });
149     });
150     });
151     });
152     });
153     });

    buttonbildiruyku.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) { uykuBildirim(); }

    private void uykuBildirim() {
        NotificationManager bildirimyoneticisi = (NotificationManager) getActivity().getSystemService(Context.NOTIFICATION_SERVICE);
        Intent intent = new Intent(getActivity(),HedefFragment.class);
        PendingIntent gidilecekintent = PendingIntent.getActivity(getActivity(),1,intent,PendingIntent.FLAG_UPDATE_CURRENT);

        if (Build.VERSION.SDK_INT>=Build.VERSION_CODES.O) {
            String kanalId = "kanalId";
            String kanalAd = "kanalAd";
            String kanalTanim="KanalTanim";
            int kanalOncecliği = NotificationManager.IMPORTANCE_HIGH;
            NotificationChannel kanal = bildirimyoneticisi.getNotificationChannel(kanalId);
            if (kanal == null){
                kanal = new NotificationChannel(kanalId,kanalAd,kanalOncecliği);
                kanal.setDescription(kanalTanim);
                bildirimyoneticisi.createNotificationChannel(kanal);
            }
            builder = new NotificationCompat.Builder(getActivity(),kanalId);
            builder.setContentTitle("Saglik");
            builder.setContentText("Uyku Vakti !");
            builder.setSmallIcon(R.drawable.resim);
            builder.setAutoCancel(true);
            builder.setContentIntent(gidilecekintent);
        }
        builder = new NotificationCompat.Builder(getActivity());
        builder.setContentTitle("Saglik");
        builder.setContentText("Uyku Vakti !");
        builder.setSmallIcon(R.drawable.resim);
        builder.setAutoCancel(true);
        builder.setContentIntent(gidilecekintent);
    }

    });

    buttonbildirdis.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            if (Build.VERSION.SDK_INT>=Build.VERSION_CODES.O) {
                builder = new NotificationCompat.Builder(getActivity());
                builder.setContentTitle("Saglik");
                builder.setContentText("Uyku Vakti !");
                builder.setSmallIcon(R.drawable.resim);
                builder.setAutoCancel(true);
                builder.setContentIntent(gidilecekintent);
                builder.setPriority(NotificationCompat.PRIORITY_HIGH);
            }
            Intent broadcastIntent =new Intent(getActivity(),BildirimYakaleyici.class);
            broadcastIntent.putExtra("nesne",builder.build());
            PendingIntent gidilecekBroadcast = PendingIntent.getBroadcast(getActivity(),0,broadcastIntent,PendingIntent.FLAG_UPDATE_CURRENT);
            long gecime = SystemClock.elapsedRealtime()+5000;

            Calendar calendar= Calendar.getInstance();
            calendar.set(Calendar.HOUR_OF_DAY,21);
            calendar.set(Calendar.MINUTE,30);

            AlarmManager alarmManager = (AlarmManager) getActivity().getSystemService(Context.ALARM_SERVICE);
            alarmManager.setRepeating(AlarmManager.RTC_WAKEUP,calendar.getTimeInMillis(),1000*60*60*24,gidilecekBroadcast);

            bildirimyoneticisi.notify(1,builder.build());
        }
    });
}
}

Windows'u Etkinleştir
Windows'u etkinleştirmek için Ayarlar'a gidin.
Event Log
```

1:1 CRLF: UTF-8: Context: <no context> 16:35 2.06.2020

```
androidbel [C:\Users\Rumeysa TAS\Desktop\rumeysa\androidbel\app\src\main\java\com\cepbelediye\androidbel] - C:\Users\Rumeysa TAS\AppData\Local\Temp\7zOC73CBB33\HatirlatmalarFragment.java - Android Studio
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
C: > Users > Rumeysa TAS > AppData > Local > Temp > 7zOC73CBB33 > HatirlatmalarFragment.java
Project Favorites + - ncu.java Bikimodel.java CustomAdapter.java CustomAdapterBkji.java CustomAdaptergida.java GunlukFragment.java Gida.java HatirlatmalarFragment.java
187     @Override
188     public void onClick(View v) {
189
190         disfircalamaBildirim();
191
192     }
193
194     private void disfircalamaBildirim() {
195         NotificationManager bildirimyoneticisi = (NotificationManager) getActivity().getSystemService(Context.NOTIFICATION_SERVICE);
196         Intent intent = new Intent(getActivity(),HedefFragment.class);
197         PendingIntent gidilecekintent = PendingIntent.getActivity(getActivity(),1,intent,PendingIntent.FLAG_UPDATE_CURRENT);
198
199
200
201
202
203
204
205
206         if (Build.VERSION.SDK_INT>=Build.VERSION_CODES.O) {
207             String kanalId = "kanalId";
208             String kanalAd = "kanalAd";
209             String kanalTanim="KanalTanim";
210             int kanalOnceigi = NotificationManager.IMPORTANCE_HIGH;
211             NotificationChannel kanal = bildirimyoneticisi.getNotificationChannel(kanalId);
212             if (kanal == null){
213                 kanal = new NotificationChannel(kanalId,kanalAd,kanalOnceigi);
214                 kanal.setDescription(kanalTanim);
215                 bildirimyoneticisi.createNotificationChannel(kanal);
216             }
217             builder = new NotificationCompat.Builder(getActivity(),kanalId);
218             builder.setContentTitle("Saglik");
219             builder.setContentText("Diş Fırçalama Zamanı !");
220             builder.setSmallIcon(R.drawable.resim);
221             builder.setAutoCancel(true);
222             builder.setContentIntent(gidilecekintent);
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252         }else {
253             builder = new NotificationCompat.Builder(getActivity());
254             builder.setContentTitle("Saglik");
255             builder.setContentText("Diş Fırçalama Zamanı !");
256             builder.setSmallIcon(R.drawable.resim);
257             builder.setAutoCancel(true);
258             builder.setContentIntent(gidilecekintent);
259             builder.setPriority(NotificationCompat.PRIORITY_HIGH);
260
261
262             Intent broadcastIntent =new Intent(getActivity(),BildirimYakaleyici.class);
263             broadcastIntent.putExtra("nesne",builder.build());
264             PendingIntent gidilecekBroadcast = PendingIntent.getBroadcast(getActivity(),0,broadcastIntent,PendingIntent.FLAG_UPDATE_CURRENT);
265             long gecime = SystemClock.elapsedRealtime()+5000;
266
267             Calendar calendar= Calendar.getInstance();
268             calendar.set(Calendar.HOUR_OF_DAY,8);
269             calendar.set(Calendar.MINUTE,30);
270
271
272             AlarmManager alarmManager = (AlarmManager) getActivity().getSystemService(Context.ALARM_SERVICE);
273             alarmManager.setRepeating(AlarmManager.RTC_WAKEUP,calendar.getTimeInMillis(),1000*60*60*12,gidilecekBroadcast);
274
275
276             bildirimyoneticisi.notify(1,builder.build());
277         }
278     };

```

The screenshot displays two instances of the Android Studio IDE side-by-side, illustrating a comparison or a specific workflow.

Top Window (Android Studio):

- Title Bar:** androidbel [C:\Users\Rumeysa TAS\Desktop\rumeysa\androidbel\app\src\main\java\com\cepbelediye\androidbel] - C:\Users\Rumeysa TAS\AppData\Local\Temp\7zOC73CBB33\HatirlatmalarFragment.java - Android Studio
- Toolbar:** File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
- Project Tree:** androidbel (selected), Bookmarks, Breakpoints
- Code Editor:** Shows Java code for a fragment. The code includes setting a calendar minute, creating an alarm manager, and returning a list of notifications.
- Status Bar:** Windows'u Etkinleştir, Windows'u etkinleştirmek için Ayarlar'a gidin, Event Log, 1:1 CRLF: UTF-8: Context: <no context>, 16:35, 2.06.2020

Bottom Window (Android Studio):

- Title Bar:** androidbel [C:\Users\Rumeysa TAS\Desktop\rumeysa\androidbel\app\src\main\java\com\cepbelediye\androidbel] - C:\Users\Rumeysa TAS\AppData\Local\Temp\7zOC73CBB33\HatirlatmalarFragment.java - Android Studio
- Toolbar:** File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
- Project Tree:** androidbel (selected), Bookmarks, Breakpoints
- Code Editor:** Shows Java code for a button's click listener. It overrides the onClick method to handle notification creation.
- Status Bar:** Windows'u Etkinleştir, Windows'u etkinleştirmek için Ayarlar'a gidin, Event Log, 1:1 CRLF: UTF-8: Context: <no context>, 16:34, 2.06.2020

The screenshot shows the Android Studio interface with the project 'androidbel' open. The code editor displays the 'HatirlatmalarFragment.java' file. The code implements a notification logic based on user preference. It uses a NotificationCompat.Builder to set the notification title ('Saglik'), content text ('Su içmeyi Unutma !'), small icon, auto cancel, and priority. It also sets a content intent for the notification. A broadcast intent is created to start an activity named 'BildirimYakalayici'. A pending intent is created with a broadcast intent and a unique identifier. The code then sets a repeating alarm at a specific time (1000*60*30) using an AlarmManager. Finally, it notifies the alarm manager with the pending intent. The code editor has line numbers from 86 to 118. The bottom status bar shows the message 'Windows'u Etkinleştir' (Enable Windows) and the date/time '2.06.2020 16:35'.

```
builder.setAutoCancel(true);
builder.setContentIntent(gidilecekintent);

else {
    builder = new NotificationCompat.Builder(getApplicationContext());
    builder.setContentTitle("Saglik");
    builder.setContentText("Su içmeyi Unutma !");
    builder.setSmallIcon(R.drawable.resim);
    builder.setAutoCancel(true);
    builder.setContentIntent(gidilecekintent);
    builder.setPriority(NotificationCompat.PRIORITY_HIGH);
}

Intent broadcastIntent =new Intent(getApplicationContext(),BildirimYakalayici.class);
broadcastIntent.putExtra("nesne",builder.build());
PendingIntent gidilecekBroadcast = PendingIntent.getBroadcast(getApplicationContext(),0,broadcastIntent,PendingIntent.FLAG_UPDATE_CURRENT);
long gecikme = SystemClock.elapsedRealtime() +5000;

Calendar calendar= Calendar.getInstance();
calendar.set(Calendar.HOUR_OF_DAY,8);
calendar.set(Calendar.MINUTE,30);

bildirimyoneticisi.notify(1,builder.build());
```

Hatırlatmalar fragment

Butona basıldığından kullanıcıya tercih ettiği hatırlatmaları gönderir.

The screenshot shows two overlapping instances of the Android Studio IDE. Both instances have the same project structure and file open:

- Project Tree:** Saglik > app > java > com.example.saglik > Hedefekle
- File:** Hedefekle.java

Hedefekle.java Content:

```
package com.example.saglik;
import ...;

public class Hedefekle extends Fragment {

    private Button hedefkaydet;
    private EditText gunlukkalori, textadim, textsu;
    private TextView hedefsu, hedefadim, hedefkalori;
    private FirebaseDatabase database;
    private Context Context;
    private FirebaseAuth mAuth;

    public Hedefekle() {

    }

    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
                           Bundle savedInstanceState) {
        View hedefekle = inflater.inflate(R.layout.fragment_hedefekle, container, false);
        mAuth = FirebaseAuth.getInstance();
        final String user_id = mAuth.getCurrentUser().getUid();
        database = FirebaseDatabase.getInstance();
        final DatabaseReference dbRef = database.getReference("hedef");
        hedefekle.findViewById(R.id.hedefkaydet).setOnClickListener(v -> {
            DatabaseReference idRef = dbRef.push();
            String h_adim, h_kalori, h_su;
            h_adim = textadim.getText().toString();
            h_kalori = gunlukkalori.getText().toString();
            h_su = textsu.getText().toString();

            if (!h_adim.equals("") && !h_kalori.equals("") && !h_su.equals("")) {
                idRef.child("Hedef_Kalori").setValue(h_kalori);
                idRef.child("Hedef_Adım").setValue(h_adim);
                idRef.child("Hedef_Su").setValue(h_su);

                gunlukkalori.setText("");
                textadim.setText("");
                textsu.setText("");
            } else {
                Toast.makeText(getContext(), "Lütfen tüm alanları doldurun!", Toast.LENGTH_SHORT).show();
            }
        });
    }
}
```

CustomAdaptergrid.java Content:

```
CustomAdaptergrid.java
```

Bottom Status Bar:

Windows'u Etkinleştir
Windows'u etkinleştirmek için Ayarlar'a gidin.

60:18 CRLF UTF-8 4 spaces 20:55 TUR 20.06.2020 Event Log

The screenshot shows the Android Studio interface with the project 'Saglik' open. The code editor displays the 'Hedefekle.java' file under the package 'com.example.saglik'. The code implements a fragment with an adapter and handles user input for target values. The code is as follows:

```
    idRef.child("Hedef_Adim").setValue(h_adim);
    idRef.child("Hedef_Su").setValue(h_su);

    gunlukkalori.setText("");
    textadim.setText("");
    textsu.setText("");

} else{
    Toast.makeText(Context, text: "alanlar bos olamaz",Toast.LENGTH_SHORT).show();
}

};

return hedefekle;
}
```

The code editor highlights several lines of code in red, indicating errors or warnings. The bottom status bar shows the message 'Grade sync finished in 1 m 3 s 151 ms (16 minutes ago)'.

Hedef ekle

Kullanıcı kendine belirlediği hedefi veri tabanına kaydedilmesi sağlanır.

```

1 package com.example.saglik;
2
3 import ...
4
5
6 public class HedefFragment extends Fragment {
7     private EditText gidaadi,calori;
8     private Button kaydet;
9     private ListView listView;
10    private FirebaseDatabase database;
11    private Context Context;
12    private Toolbar toolbar2;
13    private RecyclerView rv;
14    private FloatingActionButton fab;
15
16
17    public HedefFragment() {
18
19    }
20
21
22    @Override
23    public View onCreateView(LayoutInflater inflater, ViewGroup container,
24                            Bundle savedInstanceState) {
25        // Inflate the layout for this fragment
26        View aramaGida = inflater.inflate(R.layout.fragment_hedef, container, false);
27
28        gidaadi=(EditText) aramaGida.findViewById(R.id.gidaadi);
29        calori=(EditText) aramaGida.findViewById(R.id.calori);
30        kaydet =(Button) aramaGida.findViewById(R.id.gidakaydet);
31        database=FirebaseDatabase.getInstance();
32        final DatabaseReference dbRef = database.getReference("aramagida");
33
34        kaydet.setOnClickListener(new View.OnClickListener() {
35            @Override
36            public void onClick(View v) {
37                DatabaseReference idRef=dbRef.push();
38                String g_adi, kalori;
39                g_adi = gidaadi.getText().toString();
40                kalori = calori.getText().toString();
41
42                if (!g_adi.equals("") && !kalori.equals("")){
43                    idRef.child("Gida_Adi").setValue(g_adi);
44                    idRef.child("Kalorisi").setValue(kalori);
45                    gidaadi.setText("");
46                    calori.setText("");
47                }else{
48                    Toast.makeText(Context, "alanlar bos olamaz", Toast.LENGTH_SHORT).show();
49                }
50            }
51        });
52    }
53
54
55}

```

Hedef fragment

Veri tabanına kullanıcının yazdığı gıda adı ve kalorisini kaydetmesini sağlar.



The screenshot shows the Android Studio interface with the project 'androidbel' open. The code editor displays the 'HedefModel.java' file, which contains the following Java code:

```
1 package com.example.saglik;
2
3 public class HedefModel {
4     private String kalori,adim,su;
5     public HedefModel (String kalori, String adim, String su) {
6         this.kalori = kalori;
7         this.adim = adim;
8         this.su = su;
9     }
10    public String getKalori() { return kalori; }
11    public void setKalori(String kalori) { this.kalori = kalori; }
12    public String getAdim() { return adim; }
13    public void setAdim(String adim) { this.adim = adim; }
14    public String getSu() { return su; }
15    public void setSu(String su) { this.su = su; }
16}
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35}
```

The bottom status bar shows the message "Windows'u Etkinleştir" and "Windows'u etkinleştirmek için Ayarlar'a gidin." (Go to Settings to enable Windows). The system tray icons include a battery, signal strength, volume, and date/time (16:38, 2.06.2020).

Hedef model

Veri tabanından kullanıcının hedefini göstermek için veri tabanından veri almamızı sağlayan sınıf.

```

1 package com.example.saglik;
2
3 import ...
4
5 public class LoginActivity extends AppCompatActivity {
6     private Toolbar actionBarLogin;
7     private EditText txtEmail, txtPassword;
8     private Button btnLogin;
9     private FirebaseAuth auth;
10    private FirebaseAuthUser currentUser;
11
12    public void init() {
13        actionBarLogin = (Toolbar) findViewById(R.id.actionbarlogin);
14        setSupportActionBar(actionBarLogin);
15        getSupportActionBar().setTitle("Giriş Yap");
16        getSupportActionBar().setDisplayHomeAsUpEnabled(true);
17
18        auth = FirebaseAuth.getInstance();
19        currentUser = auth.getCurrentUser();
20
21        txtEmail = (EditText) findViewById(R.id.txtEmailLogin);
22        txtPassword = (EditText) findViewById(R.id.txtPasswordLogin);
23        btnLogin = (Button) findViewById(R.id.btnLogin);
24    }
25
26    @Override
27    protected void onCreate(Bundle savedInstanceState) {
28        super.onCreate(savedInstanceState);
29        setContentView(R.layout.activity_login);
30        init();
31    }
32
33    private void loginUser() {
34
35        String email = txtEmail.getText().toString();
36        String password = txtPassword.getText().toString();
37        if (TextUtils.isEmpty(email)) {
38            Toast.makeText(this, "Email alanı boş olamaz", Toast.LENGTH_LONG).show();
39        } else if (TextUtils.isEmpty(password)) {
40            Toast.makeText(this, "Parola alanı boş olamaz", Toast.LENGTH_LONG).show();
41        } else {
42            auth.signInWithEmailAndPassword(email, password).addOnCompleteListener(new OnCompleteListener<AuthResult>() {
43                @Override
44                public void onComplete(@NonNull Task<AuthResult> task) {
45                    if (task.isSuccessful()) {
46                        Toast.makeText(LoginActivity.this, "Giriş Başarılı!", Toast.LENGTH_LONG).show();
47                        Intent mainIntent = new Intent(LoginActivity.this, Ana.class);
48                        startActivity(mainIntent);
49                        finish();
50                    } else {
51                        Toast.makeText(LoginActivity.this, "Giriş Başarısız!!", Toast.LENGTH_LONG).show();
52                    }
53                }
54            });
55        }
56    }
57
58    private void btnLogin.setOnClickListener(new View.OnClickListener() {
59        @Override
60        public void onClick(View v) { loginUser(); }
61    });
62
63 }

```

Login activity

Kullanıcıya email ve şifreyle girmesine olanak sağlar.

The screenshot shows the Android Studio interface with the following details:

- Project Bar:** androidbel [C:\Users\Rumeysa TAS\Desktop\rumeysa\androidbel\app\src\main\java\com\cepbelediye\androidbel] - C:\Users\Rumeysa TAS\AppData\Local\Temp\7zOC7366CB7>MainActivity.java - Android Studio
- File Menu:** File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
- Toolbar:** Favorites, Project, GunlukFragment.java, Gida.java, HatirlatmalarFragment.java, Hedefekle.java, HedefFragment.java, HedefModel.java, LoginActivity.java, MainActivity.java
- Project Tree:** androidbel (selected), Bookmarks, Breakpoints
- Code Editor:** The main area displays the MainActivity.java code. The code initializes two buttons: btnWelcomeLogin and btnWelcomeRegister. It sets up click listeners for both buttons. When btnWelcomeLogin is clicked, it starts an Intent to LoginActivity. When btnWelcomeRegister is clicked, it starts an Intent to RegisterActivity. Both listeners also finish the current activity.
- Bottom Status Bar:** Windows'u Etkinleştir, IDE and Plugin Updates: Android Studio is ready to update. (15 minutes ago), 1:1 CRLF: UTF-8: Context: <no context>, 16:39, 2.06.2020, Event Log

Main aktivty

Kullanıcının giriş veya kullanıcı kaydı yapmasını seçeceği tercih sayfasıdır.

The screenshot shows the Android Studio interface with the project 'androidbel' open. The code editor displays the file 'MesajServis.java' which contains the following Java code:

```
1 package com.example.saglik;
2
3 import ...
4
5 public class MesajServis extends FirebaseMessagingService {
6     @Override
7     public void onMessageReceived(@NotNull RemoteMessage remoteMessage) {
8         super.onMessageReceived(remoteMessage);
9         Log.e("Başlık", remoteMessage.getNotification().getTitle());
10        Log.e("İçerik", remoteMessage.getNotification().getBody());
11    }
12 }
```

The Android Studio interface includes a Project tree on the left, a toolbar at the top, and various toolbars and panels at the bottom.

Mesaj servis

Firebase'den gönderilen mesajın başlığını ve içeriğini belirtmeye yarar.

The screenshot shows the Android Studio interface with the code editor open for the file `NabizFragment.java`. The code defines a fragment that inflates a layout from `R.layout.fragment_nabiz`.

```
1 package com.example.saglik;
2
3 import ...
4
5
6 public class NabizFragment extends Fragment {
7
8     public NabizFragment() {
9         boolean checkSelfPermission;
10    }
11
12     @Override
13     public View onCreateView(LayoutInflater inflater, ViewGroup container,
14                             Bundle savedInstanceState) {
15
16         View viewnabiz= inflater.inflate(R.layout.fragment_nabiz, container, false);
17
18         return viewnabiz;
19     }
20
21 }
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
```

Nabız fragment

The screenshot shows the Android Studio interface with the RegisterActivity.java file open. The code implements a registration logic using Firebase Authentication and a local database. It includes methods for creating a new account and registering a user.

```
package com.example.saglik;

import ...

public class RegisterActivity extends AppCompatActivity {
    private Toolbar actionBarregister;
    private ProgressDialog registerDialog;
    private EditText txtUsername, txtEmail, txtPassword;
    private Button btnRegister;

    private FirebaseAuth auth;
    private DatabaseReference mDatabase;

    public void init(){
        actionBarregister = (Toolbar) findViewById(R.id.actionbarregister);
        setSupportActionBar(actionBarregister);
        getSupportActionBar().setTitle("Hesap Oluştur");
        getSupportActionBar().setDisplayHomeAsUpEnabled(true);

        auth = FirebaseAuth.getInstance();

        txtUsername = (EditText) findViewById(R.id.txtUsername);
        txtEmail = (EditText) findViewById(R.id.txtEmail);
        txtPassword = (EditText) findViewById(R.id.txtPassword);
        btnRegister = (Button) findViewById(R.id.btnRegister);
        registerDialog = new ProgressDialog(context: this);
    }

    private void createNewAccount() {
        String username = txtUsername.getText().toString();
        String email = txtEmail.getText().toString();
        String password = txtPassword.getText().toString();
        if (!TextUtils.isEmpty(username)||!TextUtils.isEmpty(email)||!TextUtils.isEmpty(password)){
            registerDialog.setTitle("Kullanıcı Oluşturuluyor");
            registerDialog.setMessage("hesabınız oluşturuluyor");
            registerDialog.setCancelable(false);
            registerDialog.show();
            register_user(username,password,email);
        }
    }

    private void register_user(final String username, String password, String email) {
        auth.createUserWithEmailAndPassword(email,password).addOnCompleteListener((task) -> {
            if (task.isSuccessful()){
                String user_id = auth.getCurrentUser().getUid();
                mDatabase= FirebaseDatabase.getInstance().getReference().child("Users").child(user_id);
                HashMap<String, String> usermap = new HashMap<>();
                usermap.put("name",username);

                mDatabase.setValue(usermap).addOnCompleteListener((task) -> {
                    if (task.isSuccessful())
                        registerDialog.dismiss();
                    else
                        registerDialog.show();
                });
            }
        });
    }
}
```

The screenshot shows the Android Studio interface with the project 'Saglik' open. The 'RegisterActivity.java' file is the active editor. The code implements a task listener for user account creation. If successful, it starts the LoginActivity. If failed, it shows an error message. The onCreate method initializes the view and sets a click listener for the register button.

```
        mDatabase.setValue(usermap).addOnCompleteListener((task) -> {
            if (task.isSuccessful()){
                registerDialog.dismiss();
                Intent mainIntent = new Intent(getApplicationContext(), LoginActivity.class);
                startActivity(mainIntent);
            } else{
                registerDialog.dismiss();
                Toast.makeText(getApplicationContext(), text: "hata:" + task.getException().getMessage(), Toast.LENGTH_LONG).show();
            }
        });

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_register);
        init();
        btnRegister.setOnClickListener(v -> { createNewAccount(); });
    }
}
```

Register activity

Kullanıcının yeni kullanıcı oluşturmasının olanak sağlar.

The screenshot shows the Android Studio interface with the project 'androidbel' open. The code editor displays the `SaglikhesaplaFragment.java` file. The code implements a fragment for calculating body mass index (BMI). It includes imports for Java packages, a constructor, and an `onCreateView` method. The `onCreateView` method inflates the layout, initializes views, and sets up an onClickListener for a button. The onClickListener logic calculates BMI and displays a result message based on the calculated value.

```
1 package com.example.saglik;
2 import ...
3
4 /**
5 * A simple {@link Fragment} subclass.
6 */
7
8 public class SaglikhesaplaFragment extends Fragment {
9     Button sonuc;
10    EditText boy,kilo,yas;
11    TextView text,text2;
12    Float bki, boytext,kilotext;
13    Integer yuvarlama;
14    FirebaseDatabase database;
15
16    public SaglikhesaplaFragment() {
17        // Required empty public constructor
18    }
19
20    @Override
21    public View onCreateView(final LayoutInflater inflater, ViewGroup container,
22                           Bundle savedInstanceState) {
23        // Inflate the layout for this fragment
24        View view= inflater.inflate(R.layout.fragment_saglikhesapla, container, false);
25
26        // Inflate the layout for this fragment
27        View view= inflater.inflate(R.layout.fragment_saglikhesapla, container, false);
28        database=FirebaseDatabase.getInstance();
29        DatabaseReference dbRef = database.getReference("bki");
30        sonuc =(Button)view.findViewById(R.id.sonuc);
31        kilo = (EditText)view.findViewById(R.id.kilo);
32        boy = (EditText)view.findViewById(R.id.boy);
33        yas = (EditText)view.findViewById(R.id.yas);
34        text = (TextView) view.findViewById(R.id.textVier1);
35        text2 = (TextView) view.findViewById(R.id.textVier2);
36
37        sonuc.setOnClickListener(new View.OnClickListener() {
38            @Override
39            public void onClick(View v) {
40
41                kilotext=Float.parseFloat(kilo.getText().toString());
42                boytext=Float.parseFloat(boy.getText().toString());
43                bki= kilotext/(boytext*boytext);
44                yuvarlama=(int) Math.ceil(bki);
45
46                text.setText("Vücut Kütleye Endeksiniz:"+yuvarlama.toString());
47
48                if(yuvarlama<=18.5){
49                    text2.setText("Zayıf");
50                }else if(18.5<= yuvarlama && yuvarlama < 24.5){
51                    text2.setText("Kilonuz Normal");
52                }else if(25.0<= yuvarlama && yuvarlama < 29.9){
53                    text2.setText("Fazla Kilolu");
54                }else if(30.0<= yuvarlama && yuvarlama<=34.9{
55                    text2.setText("1. Derece Obez");
56                }else if (35.0<=yuvarlama && yuvarlama <= 40){
57                    text2.setText("2. Derece Obez");
58                }
59            }
60        });
61    }
62}
```

The screenshot shows the Android Studio interface with the project 'androidbel' open. The code editor displays Java code for the 'SaglikhesaplaFragment.java' file. The code handles BMI calculations and database push operations based on user input. The code editor includes line numbers, syntax highlighting, and a vertical scrollbar. The bottom status bar shows the date and time as 16:41 2.06.2020.

```
74     text2.setText("Fazla Kılolu");
75     }else if(30.0<= yuvarlama && yuvarlama<=34.9) {
76         text2.setText("1. Derece (Obez)");
77     }else if (35.0<=yuvarlama && yuvarlama <= 40) {
78         text2.setText("2. Derece (Obez)");
79     }else {
80         text2.setText("3. Derece (Obez)");
81     }
82
83
84     DatabaseReference idRef= dbRef.push();
85     String t_yuvarlama;
86     t_yuvarlama = text.getText().toString();
87
88     if (!t_yuvarlama.equals("")){
89         idRef.child("bki").setValue(t_yuvarlama);
90     }
91
92 }
93 });
94
95
96
97
98
99
100
101
```

Sağlık hesapla fragment

Kullanıcın girdiği değere göre vücut kitle endeksinin hesaplanması ve yorumlanması.

The screenshot shows the Android Studio interface with the following details:

- Project Bar:** Shows the project name "androidbel" and the file "BkiModel.java" is the active tab.
- Code Editor:** Displays the Java code for the `BkiModel` class:

```
1 package com.example.saglik;
2
3 public class BkiModel {
4     private String bki;
5     public BkiModel(String bki) { this.bki = bki; }
6     public String getBki() {return bki;}
7     public void setBki(String bki) { this.bki= bki; }
8 }
9
10
11
12
13
14 }
```
- Toolbars and Menus:** Standard Android Studio menus like File, Edit, View, Navigate, Code, Analyze, Refactor, Build, Run, Tools, VCS, Window, Help are visible at the top.
- Bottom Status Bar:** Shows the message "Windows'u Etkinleştir" (Enable Windows), the date "2.06.2020", and the time "20:01".

Bki model

Vücut kitle endeksini veritabanından çekmeye yarayan sınıf.

The screenshot shows the Android Studio interface with the following details:

- Project Bar:** androidbel [C:\Users\Rumeysa TAS\Desktop\rumeysa\androidbel\app\src\main\java\com\cepbelediye\androidbel] - C:\Users\Rumeysa TAS\AppData\Local\Temp\7z00EA15740\CustomAdapterBki.java - Android Studio
- File Bar:** File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
- Toolbars:** Favorites, Bookmarks, Breakpoints.
- Project Tree:** androidbel (selected), Bookmarks, Breakpoints.
- Code Editor:** The main editor window displays the `CustomAdapterBki.java` file. The code is as follows:

```
1 package com.example.saglik;
2
3 import ...
4
5 public class CustomAdapterBki extends BaseAdapter {
6     LayoutInflator layoutInflater;
7     ArrayList<BkiModel> bkiList;
8     public CustomAdapterBki(Activity activity, ArrayList<BkiModel> bkiList) {
9         layoutInflater = (LayoutInflater)activity.getSystemService(Context.LAYOUT_INFLATER_SERVICE);
10        this.bkiList = bkiList;
11    }
12    @Override
13    public int getCount() { return bkiList.size(); }
14
15    @Override
16    public Object getItem(int position) { return bkiList.get(position); }
17
18    @Override
19    public long getItemId(int position) { return position; }
20
21    @Override
22    public View getView(int position, View convertView, ViewGroup parent) {
23
24        BkiModel bki = bkiList.get(position);
25        View satir = layoutInflater.inflate(R.layout.custom_satirbki,null);
26        TextView bkilist = (TextView) satir.findViewById(R.id.textViewBki);
27        bkilist.setText(bki.getBki());
28
29        return satir;
30    }
31
32}
```

- Bottom Status Bar:** Windows'u Etkinleştir, IDE and Plugin Updates: Android Studio is ready to update. (today 16:24), 1:1 CRLF: UTF-8: Context <no context>, Event Log, 20:02, 2.06.2020.

Custom adapter Bki

Çekilen kitle endeksinin nereye yerlestireceginı belirtiyor ve set ediyor.
