



ISPARTA UYGULAMALI BİLİMLER ÜNİVERSİTESİ

TEKNOLOJİ FAKÜLTESİ

BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ

MOBİL PROGRAMLAMA DERSİ

FİNAL ÖDEVİ

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Kayıt Ekranı



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Görev Ekleme Ekranı

Görev Adı :

Son Tarih :

Görevi Ekle

Görev Listesi



Aliye borç öde

01.01.2023

12/29/2022 5:45 PM



Flutter ödevini bitir

18.01.2023

1/17/2023 3:04 PM



MAIN.DART

```
import 'package:firebase_auth/firebase_auth.dart';
import 'package:firebase_core/firebase_core.dart';
import 'package:flutter/material.dart';
import 'screens/anasayfa.dart';
import 'screens/kayitekrani.dart';

void main() async {
  WidgetsFlutterBinding.ensureInitialized();
  //await Firebase.initializeApp();
  await Firebase.initializeApp(options: FirebaseOptions(
    apiKey: 'AIzaSyCcZk2hBBQanUIZvbG2YPB-XyEvgNlygqU',
    appId: '1:915125767241:android:fe70b9cb159a16c7894398',
    messagingSenderId: '915125767241',
    projectId: 'gorevtakipapp',
  ));
  runApp((Yapilacaklar()));
}

class Yapilacaklar extends StatelessWidget {

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      theme: ThemeData.dark(),
      debugShowCheckedModeBanner: false,
      home: StreamBuilder(
        stream: FirebaseAuth.instance.authStateChanges(),
        builder: (context, kullaniciVerisi){
          if (kullaniciVerisi.hasData)
            return AnaSayfa();
          else
            return KayitEkrani();
        },
      ),
    );
  }
}
```

ANASAYFA.DART

```
import 'package:cloud_firestore/cloud_firestore.dart';
import 'package:firebase_auth/firebase_auth.dart';
import 'package:gorevtakipapp/screens/gorevekle.dart';
import 'package:gorevtakipapp/screens/kayitformu.dart';
import 'package:flutter/material.dart';
import 'package:intl/intl.dart';

class AnaSayfa extends StatefulWidget {
  @override
  _AnaSayfaState createState() => _AnaSayfaState();
}

class _AnaSayfaState extends State<AnaSayfa> {
  String? mevcutkullaniciUidTutucu;

  @override
  void initState() {
    // TODO: implement initState
    mevcutkullaniciUidsiAl();
    super.initState();
  }

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        backgroundColor: Colors.blue,
        title: Text("Görev Listesi"),
        centerTitle: true,
        actions: [
          IconButton(
            onPressed: () async {
              await FirebaseAuth.instance.signOut();
            },
            icon: Icon(Icons.exit_to_app))
        ],
      ),
      body: Container(
        width: MediaQuery.of(context).size.width,
        height: MediaQuery.of(context).size.height,
        padding: const EdgeInsets.only(top: 20.0),
        child: StreamBuilder(
          stream: FirebaseFirestore.instance
            .collection("Gorevler")
            .doc(mevcutkullaniciUidTutucu)
            .collection("Gorevlerim")
            .snapshots(),
          builder: (context, AsyncSnapshot<QuerySnapshot> veriTabanindanGelenVeriler) {
            if (veriTabanindanGelenVeriler.connectionState ==
```

```

        ConnectionState.waiting) {
return Center(
    child: CircularProgressIndicator(),
);
} else {
final alinanVeri = veriTabanindanGelenVeriler.data!.docs;
return ListView.builder(
    itemCount: veriTabanindanGelenVeriler.data!.docs.length,
    itemBuilder: (context, index) {
        var eklemeZamani =
        (alinanVeri[index]["tamZaman"] as Timestamp).toDate();
return Container(
    margin: EdgeInsets.fromLTRB(10, 5, 10, 3),
    height: 90,
    decoration: BoxDecoration(
        color: Colors.blue,
        borderRadius: BorderRadius.circular(8),
    ),
    child: Padding(
        padding: const EdgeInsets.all(8.0),
        child: Row(
            mainAxisAlignment: MainAxisAlignment.spaceBetween,
            children: [
                Flexible(
                    child: Column(
                        crossAxisAlignment: CrossAxisAlignment.start,
                        mainAxisAlignment: MainAxisAlignment.start,
                        children: [
                            Flexible(
                                child: Text(
                                    alinanVeri[index]["ad"],
                                    style: TextStyle(
                                        fontSize: 20,
                                        fontWeight: FontWeight.bold),
                                ),
                            ),
                            SizedBox(
                                height: 7,
                            ),
                            Text(
                                DateFormat.yMd()
                                    .add_jm()
                                    .format(eklemeZamani)
                                    .toString(),
                                style: TextStyle(fontSize: 24),
                            )
                        ],
                    ),
                ),
                Column(
                    crossAxisAlignment: CrossAxisAlignment.start,
                    mainAxisAlignment: MainAxisAlignment.start,

```



```

        children: [
          Text(
            alinanVeri[index]["sonTarih"],
            style: TextStyle(
              fontSize: 18,
              fontWeight: FontWeight.bold),
          ),
        ],
      ),
      IconButton(
        onPressed: () async {
          await FirebaseFirestore.instance
            .collection("Gorevler")
            .doc(mevcutkullaniciUidTutucu)
            .collection("Gorevlerim")
            .doc(
              alinanVeri[index]["zaman"],
            )
            .delete();
        },
        icon: Icon(Icons.delete))
    ],
  ),
),
);
});
}
}),
),
floatingActionButton: FloatingActionButton(
  child: Icon(
    Icons.add,
    color : Colors.white,
  ),
  backgroundColor: Colors.blue,
  onPressed: () {
    Navigator.push(context, MaterialPageRoute(builder: (_) => GorevEkle()),);
  },
),
);
}

void mevcutkullaniciUidsiAl() async {
  FirebaseAuth yetki = FirebaseAuth.instance;
  var mevcutKullanici = await yetki.currentUser;

  setState() {
    mevcutkullaniciUidTutucu = mevcutKullanici!.uid;
  });
}
}

```

GOREVEKLE.DART

```
import 'package:cloud_firestore/cloud_firestore.dart';
import 'package:firebase_auth/firebase_auth.dart';
import 'package:flutter/material.dart';
import 'package:fluttertoast/fluttertoast.dart';

class GorevEkle extends StatefulWidget {
  const GorevEkle({Key? key}) : super(key: key);

  @override
  State<GorevEkle> createState() => _GorevEkleState();
}

class _GorevEkleState extends State<GorevEkle> {

  TextEditingController adAlici = TextEditingController();
  TextEditingController tarihAlici = TextEditingController();

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(

        backgroundColor: Colors.blue,
        title: Text("Görev Ekleme Ekranı"),
        centerTitle: true,
      ),
      body: Column(
        children: [
          Padding(
            padding: const EdgeInsets.only(left: 10.0,top: 20.0,right: 10.0),
            child: TextFormField(
              controller: adAlici,
              decoration: InputDecoration(
                labelText: "Görev Adı : ",
                border: OutlineInputBorder(),
              ),
            ),
          ),
          Padding(
            padding: const EdgeInsets.only(left: 10.0,top: 20.0,right: 10.0),
            child: TextFormField(
              controller: tarihAlici,
              decoration: InputDecoration(
                labelText: "Son Tarih : ",
                border: OutlineInputBorder(),
              ),
            ),
          ),
        ],
      ),
    );
  }
}
```

```

Container(
  padding: const EdgeInsets.only(left: 10.0,top: 20.0,right: 10.0),
  height: 70,
  width: double.infinity,
  child: ElevatedButton(
    child: Text("Görevi Ekle", style: TextStyle(fontSize: 24),),
    onPressed: () {
      verileriEKle();
    },
    style: ElevatedButton.styleFrom(
      backgroundColor: Colors.blue,
      shape: RoundedRectangleBorder(borderRadius: BorderRadius.all(Radius.circular(25.0)))
    ),
  ),
),
),
],
),
);
}

```

```

void verileriEKle() async{
  FirebaseAuth yetki = FirebaseAuth.instance;
  //final FirebaseUser mevcutKullanici = await yetki.currentUser();
  var mevcutKullanici = await yetki.currentUser;

```

```

String uidTutucu = mevcutKullanici!.uid;
var zamanTutucu = DateTime.now();

```

```

await FirebaseFirestore.instance.
collection("Gorevler").
doc(uidTutucu).
collection("Gorevlerim").
doc(zamanTutucu.toString()).
set({
  "ad": adAlici.text,
  "sonTarih" : tarihAlici.text,
  "zaman" : zamanTutucu.toString(),
  "tamZaman" : zamanTutucu
});

```

```

Fluttertoast.showToast(msg: "Görev Başarıyla Eklenmistir.");
}
}

```

KAYİTEKRANI.DART

```
import 'package:flutter/material.dart';
import 'kayitformu.dart';

class KayitEkрани extends StatefulWidget {
  @override
  _KayitEkраниState createState() => _KayitEkраниState();
}

class _KayitEkраниState extends State<KayitEkрани> {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        backgroundColor: Colors.blue,
        title: Text("Kayit Ekрани"),
        centerTitle: true,
      ),
      body: KayitFormu(),
    );
  }
}
```

KAYİTFORMU.DART

```
import 'package:flutter/material.dart';
import 'package:cloud_firestore/cloud_firestore.dart';
import 'package:firebase_auth/firebase_auth.dart';

class KayitFormu extends StatefulWidget {
  const KayitFormu({Key? key}) : super(key: key);

  @override
  State<KayitFormu> createState() => _KayitFormuState();
}

String? kullaniciAdi, email, parola;
bool kayitDurumu = false;

class _KayitFormuState extends State<KayitFormu> {

  var _dogrulamaAnahtari = GlobalKey<FormState>();
  @override
  Widget build(BuildContext context) {
    return Form(
      key: _dogrulamaAnahtari,
      child: Container(
        height: MediaQuery.of(context).size.height,
        width: MediaQuery.of(context).size.width,
```

```

child: ListView(
  children: [
    Container(
      padding: const EdgeInsets.only(top: 40.0),
      height: 220,
      child: Image.asset("images/resim.png"),
    ),
    if (!kayitDurumu)
      Padding(
        padding: const EdgeInsets.all(8.0),
        child: TextFormField(
          onChanged: (alinanAd){
            kullaniciAdi = alinanAd;
          },
          validator: (alinanAd){
            return alinanAd!.isEmpty
              ? "Kullanıcı adı boş bırakılamaz!"
              : null;
          },
          decoration: InputDecoration(
            labelText: "Kullanıcı Adı : ",
            border: OutlineInputBorder(),
          ),
        ),
      ),
    Padding(
      padding: const EdgeInsets.all(8.0),
      child: TextFormField(
        keyboardType: TextInputType.emailAddress,
        onChanged: (alinanEmail){
          email = alinanEmail;
        },
        validator: (alinanEmail){
          return alinanEmail!.contains("@")
            ? null
            : "Geçersiz Email!";
        },
        decoration: InputDecoration(
          labelText: "Email : ",
          border: OutlineInputBorder(),
        ),
      ),
    ),
    Padding(
      padding: const EdgeInsets.all(8.0),
      child: TextFormField(
        obscureText: true,
        keyboardType: TextInputType.emailAddress,
        onChanged: (alinanParola){
          parola = alinanParola;
        },
      ),
    ),
  ],
),

```

```
},
validator: (alınanParola){
    return alınanParola!.length >=6
        ? null
        : "Şifreniz en az 6 karakter olmalıdır!";
},
decoration: InputDecoration(
    labelText: "Şifre : ",
    border: OutlineInputBorder(),
),
),
),
),
Padding(
padding: const EdgeInsets.all(8.0),
child: Container(
height: 50,
child: ElevatedButton(
child: kayitDurumu
    ? Text("Giriş Yap",
        style: TextStyle(fontSize: 24)
    )
    : Text("Kayıt Ol",
        style: TextStyle(fontSize: 24)
    ),
onPressed: (){
    kayitEkle();
},
style: ElevatedButton.styleFrom(
    backgroundColor: Colors.blue,
    shadowColor: Colors.black,
    shape: RoundedRectangleBorder(borderRadius:
Radius.circular(25.0)))
),
),
),
),
Container(
alignment: Alignment.centerRight,
child: TextButton(
onPressed: (){
    setState(() {
        kayitDurumu = !kayitDurumu;
    });
},
child: kayitDurumu
    ? Text("Hesabım Yok")
    : Text("Zaten Hesabım Var"),
),
),
),
```

```

    ),
    ),
);
}

void kayitEkle() {
    if(!_dogrulamaAnahtari.currentState!.validate()){
        formuTestEt(email!, parola!);
    }
}

void formuTestEt(String email, String parola) async{
    final yetki = FirebaseAuth.instance;
    AuthCredential? yetkiSonucu;

    if (kayitDurumu){
        yetkiSonucu = (await yetki.signInWithEmailAndPassword(email: email, password: parola)) as
AuthCredential;
    }
    else{
        yetkiSonucu = (await yetki.createUserWithEmailAndPassword(email: email, password: parola))
as AuthCredential;
    }
    //String uidTutucu = yetkiSonucu.user.uid;
    String uidTutucu = yetkiSonucu.toString();
    await FirebaseFirestore.instance.collection("Kullanici").doc(uidTutucu).set({"kullaniciAdi":
kullaniciAdi, "email": email});
}
}

```