**İnönü Üniversitesi**

**Bilgisayar Mühendisliği Bölümü**

**2019 – 2020 Nesneye Yönelik Yazılım Mühendisliği Dersi**

**Proje Analiz Rapor**

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| **Ders Sorumlusu** | **Dr. Öğr. Üyesi Ahmet Arif AYDIN** |
| **Öğrenci(ler)** | **02160001016 / Ayşe ÖZAVCİ** |
| **Proje İsmi** | **Otobüs Bileti Rezervasyon Sistemi** |
| **Aşama Tanımı** | **Uygulama-Kodlama (İmplementation-1)**  **İhtiyaçlar aşamasında belirtilen 1. ve 2. ve 3 nolu ihtiyaçların gerçekleştirilmesi için yazılan kodları, hangi problemler ile karşılaşıldığını ve çözümlerinizi ifade ediniz.** |
| **AÇIKLAMA** | |
| **İhtiyaçlar aşamasında belirtilen 1. ve 2. ve 3 nolu ihtiyaçların gerçekleştirilmesi için yazılan kodlar ve açıklaması;**  Projemde ilk 3 aşama olarak şunları belirtmiştim ;   1. Gereksinimlerin belirlenmesi, veri tabanının oluşturulması(Musteri, Satici, Bilet) , ER diyagramı, Java ile veri tabanı bağlantısının yapılması ve müşteri ve satıcı için login işlemi , 2. Satıcı’ nın bilet eklemesi , müşterinin bilet alıp kendi sistemine eklemesi ve bu işlemlerin arayüzde gösterilmesi , 3. Satıcı’ nın kendi sisteminden bilet silmesi, müşterinin daha önceden aldığı bileti iptal etmesi ve bu işlemlerin arayüzde gösterilmesi ,   **1.maddeden itibaran açıklamalarım aşağıdadır ;**    *MADDE 1* :  Gereksinimlerin Belirlenmesi  Gereksinimlerimi veri tabanımda oluşturduğum gibi bilet, müşteri ve satıcı tabloları olarak belirledim.Bu amaçla PostgreSQL OtobusBiletRezervasyonSistemi veri tabanımda aşağıdaki tablolara yer verdim ;        ER diyagramı  9. Hafta proje raporumda belirttiğim gibi ER diyagramını şu şekilde oluşturdum ;  Java İle Veri Tabanı Bağlantısının Yapılması    Java ile veri tabanı bağlantısını aşağıda paylaştığım DBConnection sınıfında bağlantıyı sağladım ve bağlantıyı kontrol etmek için System.out.println(“Başarıyla bağlandı”) ; yazdırarak test ettirdim onunda ekran alıntısı aşağıdadır ;        Müşteri Ve Satıcı İçin Log In İşlemi  Müşteri ve satıcı için 2 farklı arayüz var ve sisteme girebilmeleri için her ikisi içinde telefon numarası ve şifre istedim.Telefon numarası istememin sebebi Unix olması, sadece o kullanıcıya özgü olması ve sisteme girişte sistemin güvenliği için nokta ile ifade edilmesini sağladım.Ayrıca eğer şifre veya telefon numarası hatalıysa kullanıcıya hata mesajıyla yanıt verdim ;  Burada satıcı veya müşteri olmasına göre farklı arayüze yönlendirdim ;    Bu ise arayüzü ;    Kullanıcı butonu seçtikten sonra hem müşteri için hem satıcı için telefon numarası ve şifre istenir, bunun kontrolünü satıcı için aşağıdaki sınıfta yaptım ;    Müşteri ve satıcı için arayüzler ise yan tarafta;  Satıcı sisteme girdikten sonra arayüzü şu şekildedir ;  Müşteri sisteme girdikten sonra arayüz şu şekildedir ;  *MADDE 2* :    Satıcının bilet eklemesi ve arayüzde gösterilmesi :  Satıcının bilet eklemesi saticiBiletDuzenleController sınıfında aşağıdaki kod parçasında gerçekleştirilmiştir;    Satıcının bilet eklemesi arayüzde şu şekilde gösterilmiştir ;  Bileti Ekle butonuna basınca aşağıdaki gibi tabloya eklendi ;  Müşterinin bilet alması ve arayüzde gösterilmesi :  Müşteri bilet alma işlemi musteriController sınıfında aşağıdaki metotla gerçekleştirilmiştir ;  Müşterinin bilet alması arayüzde şöyle gösterilmiştir ;  Biletlerim butonundan 28 nolu biletin alınmış olduğuna bakılırsa en sona eklenmiş olduğu görülür ;  *MADDE 3*:  Satıcının Sistemden Bilet Silmesi Ve Arayüzde Gösterilmesi :  Satıcının bilet silmesi saticiBiletDuzenleController sınıfında aşağıdaki kod parçasında gerçekleştirilmiştir ;  Aşağıda seçili 26 numaralı bileti silmek istersem ;  Silme işleminden sonra tablonun güncel hali aşağıdaki gibi olur ;    Müşterinin Sistemden Bilet İptal Etmesi Ve Arayüzde Gösterilmesi :    Müşterinin bilet iptali musteriBiletDuzenleController sınıfında biletSil metotunda gerçekleşmiştir ;    23 nolu bileti iptal etmek istersek ;  Silme işleminden sonra tablonun güncel hali aşağıdaki gibidir ; | |
| **HANGİ PROBLEMLERLE KARŞILAŞTIM VE ÇÖZÜMLERİM**   * Daha önceden hiç PostgreSQL ve Java’yı birlikte kullanmadığım için veri tabanı bağlantısında sorun yaşadım,   Çözüm olarak aşağıdaki kaynaklardan yararlandım ve istifade ettim ;  <https://www.postgresqltutorial.com/postgresql-jdbc/connecting-to-postgresql-database/>  Ve Kenan İnce hocamızın videolarından yararlandım ;  <https://www.youtube.com/watch?v=PVI94Jqy0fA&list=PL4XQdSx4Y7b7jjHZBO7cqrD71KX6LcMsr&index=4>   * musteri\_bilet olan ara tablomda bilet\_id yi ve ondan sonra bilet tablosundan da bu biletleri çekmem gerekiyordu.Join işlemini yapamadım.   Çözüm olarak 2 ayrı fonksiyon yazdım birinde bilet\_id yi buldum.Diğer fonksiyonda ise bu id ye denk gelen biletleri çektim.   * String ‘i integer’a nasıl cast edeceğimi unutmuştum. Araştırdım ve şu kaynaktan yararlandım ;   <https://medium.com/gokhanyavas/javada-tip-d%C3%B6n%C3%BC%C5%9F%C3%BCmleri-ve-string-i%CC%87fadeler-4d5457497c78>  **DÜZELTMELER**   * Facade tasarım kalıbı, müşterilerin ve satıcıların arayüzü zorlanmadan kullanmaları içinkullanılan bir tasarım kalıbıdır.Buna bağlı olarak kullanıcı sisteme girdiği anda satıcıysa veya müşteriyse sistemi başlat butonu koyup bu butona bastığı anda kullanıcı bilgilerini,bilet bilgilerini veri tabanından çekip arayüzde kullanıcıya yansıtmak istiyorum , aynı şekilde sistemi durdur dediği anda kullanıcının sistemden çıkış işlemini gerçekleştirmek istiyorum. * Command tasarım kalıbı, İsteklerin nesne olarak kapsüllenmesini ve böylece farklı istek setlerinin parametreler yardımıyla alınmasını sağlar. Bunun için arayüzde ki ekleme, silme , güncelleme gibi butonlaron metotları için ayrı ayrı sınıflar oluşturup, tek bir yerden (Main gibi) bu sınıflardaki ilgili metotları çağırmayı düşünüyorum.Böylece command tasarım kalıbının adım adım işlem yapma özelliğine uygun olabileceğini düşünüyorum.   **KODLARIN TAMAMI**  **OtobusBiletRezevasyonSistemi**  package otobusbiletrezevasyonsistemi**;**  **import** javafx**.**application**.**Application**;**  **import** static javafx**.**application**.**Application**.**launch**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**stage**.**Stage**;**  **import** util**.**DBConnection**;**  /\*\*  \*  \* **@author** hp  \*/  public class OtobusBiletRezevasyonSistemi **extends** Application **{**    @Override  public void start**(**Stage stage**)** **throws** Exception **{**  Parent root **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**    Scene scene **=** **new** Scene**(**root**);**    stage**.**setScene**(**scene**);**  stage**.**show**();**  **}**  /\*\*  \* **@param** args the command line arguments  \*/  public static void main**(**String**[]** args**)** **{**  DBConnection db**=new** DBConnection**();**  db**.**connect**();**  launch**(**args**);**  **}**  **}**  **LogInController**  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  package otobusbiletrezevasyonsistemi**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**stage**.**Stage**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class LogInController **implements** Initializable **{**  /\*\*  \* Initializes the controller class.  \*/  @Override  public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  // TODO  **}**  @FXML  private void musteriGiris**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"MusteriGiris.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @FXML  private void saticiGirisi**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"SaticiGiris.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  **}**  **AbstractController**  package otobusbiletrezevasyonsistemi**;**  **import** util**.**DBConnection**;**  /\*\*  \*  \* **@author** hp  \*/  public abstract class AbstractController **{**  saticiDAO saticiDAO**=new** saticiDAO**();**  DBConnection db**=new** DBConnection**();**    **}**  **DBConnection**  package util**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**DriverManager**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javax**.**swing**.**JOptionPane**;**  /\*\*  \*  \* **@author** hp  \*/  public class DBConnection **{**  private final String url**=**"jdbc:postgresql://localhost:5432/OtobusBiletRezervasyonSistemi"**;**  private final String user**=**"postgres"**;**  private final String password**=**"123"**;**    public Connection connect**(){**  Connection con**=null;**  **try{**  con**=**DriverManager**.**getConnection**(**url**,**user**,**password**);**  System**.**out**.**println**(**"Başarıyla bağlandı"**);**    **}catch(**SQLException e**){**  System**.**out**.**println**(**e**.**getMessage**());**  **}**  **return** con**;**  **}**  **}**  **SaticiDAO**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Satici**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**PreparedStatement**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** util**.**DBConnection**;**  /\*\*  \*  \* **@author** hp  \*/  public class saticiDAO **extends** DBConnection **{**  private DBConnection connector**;**  private Connection connection**;**  static Satici aktifSatici**=new** Satici**();**  //SaticiGirisController giris=new SaticiGirisController();      public void biletleriGoster**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  SaticiController saticiController**=new** SaticiController**();**  SaticiBiletDuzenleController saticiBiletDuzenleController**=new** SaticiBiletDuzenleController**();**  **try{**  Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select \* from bilet where satici\_id="**+**aktifSatici**.**getSatici\_id**());**    **while(**rs**.**next**()){**    Bilet bilet**=new** Bilet**(**rs**.**getInt**(**"bilet\_id"**),**  rs**.**getString**(**"kalkis\_tarihi"**),**  rs**.**getString**(**"varis\_tarihi"**),**  rs**.**getString**(**"kalkis\_yeri"**),**  rs**.**getString**(**"varis\_yeri"**),**  rs**.**getString**(**"bilet\_fiyat"**),**  rs**.**getString**(**"kalkis\_saati"**),**  rs**.**getInt**(**"satici\_id"**));**  saticiController**.**biletListele**.**add**(**bilet**);**  saticiBiletDuzenleController**.**biletListele**.**add**(**bilet**);**    **}**  **}catch(**SQLException e**){**  e**.**getMessage**();**  **}**    **}**  public DBConnection getConnector**()** **{**  **if** **(this.**connector **==** **null)** **{**  **this.**connector **=** **new** DBConnection**();**  **}**  **return** connector**;**  **}**  public Connection getConnection**()** **{**  **if** **(this.**connection **==** **null)** **{**  **this.**connection **=** **this.**getConnector**().**connect**();**  **}**  **return** connection**;**  **}**  **}**  **SaticiGirisController**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Satici**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**scene**.**control**.**PasswordField**;**  **import** javafx**.**scene**.**control**.**TextField**;**  **import** javafx**.**stage**.**Stage**;**  **import** javax**.**swing**.**JOptionPane**;**  **import** javax**.**xml**.**bind**.**annotation**.**XmlElement**;**  **import** util**.**DBConnection**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class SaticiGirisController **extends** DBConnection **implements** Initializable **{**  @FXML  public PasswordField telefon**;**  @FXML  public PasswordField kullaniciSifre**;**  SaticiController saticiController **=** **new** SaticiController**();**  SaticiBiletDuzenleController saticiBiletDuzenleController **=** **new** SaticiBiletDuzenleController**();**  saticiDAO saticiDAO **=** **new** saticiDAO**();**  @FXML  public void SaticigirisKontrol**(**ActionEvent a**)** **throws** SQLException **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  boolean girisKontrol **=** **false;**  **try** **{**  Statement st **=** c**.**createStatement**();**  ResultSet rs **=** st**.**executeQuery**(**"select \* from satici"**);**  **while** **(**rs**.**next**())** **{**  // Satici satici=new Satici(rs.getLong("satici\_id"), rs.getString("satici\_adi"), rs.getString("satici\_soyadi"), rs.getString("satici\_tel"), rs.getString("satici\_adres"), rs.getString("sifre"));  //Satici satici=new Satici();  Satici satici **=** **new** Satici**(**rs**.**getInt**(**"satici\_id"**),** rs**.**getString**(**"satici\_adi\_soyadi"**),** rs**.**getString**(**"satici\_tel"**),** rs**.**getString**(**"satici\_adres"**),** rs**.**getString**(**"satici\_sifre"**));**  satici**.**setSatici\_id**(**rs**.**getInt**(**"satici\_id"**));**  satici**.**setSatici\_adi\_soyadi**(**rs**.**getString**(**"satici\_adi\_soyadi"**));**  satici**.**setSatici\_adres**(**rs**.**getString**(**"satici\_adres"**));**  satici**.**setSatici\_tel**(**rs**.**getString**(**"satici\_tel"**));**  satici**.**setSatici\_sifre**(**rs**.**getString**(**"satici\_sifre"**));**  **if** **(**telefon**.**getText**().**equals**(**rs**.**getString**(**"satici\_tel"**))**  **&&** kullaniciSifre**.**getText**().**equals**(**rs**.**getString**(**"satici\_sifre"**)))** **{**  System**.**out**.**println**(**"Sisteme giren kullanıcı : " **+** rs**.**getString**(**"satici\_adi\_soyadi"**));**  //deneme.giris(satici);  saticiController**.**aktifSatici **=** satici**;**  saticiBiletDuzenleController**.**aktifSatici **=** satici**;**  saticiDAO**.**aktifSatici **=** satici**;**  girisKontrol **=** **true;**  giris**(**a**);**  **}**  **}**  **if** **(**girisKontrol **==** **false)** **{**  JOptionPane**.**showMessageDialog**(null,** "Hatali sifre veya kullanici adi !"  **+** " YENİDEN DENEYİNİZ!!"**);**  **}**  **}** **catch** **(**SQLException ex**)** **{**  System**.**err**.**println**(**"Hata"**);**  **}**  **}**  @Override  public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  // TODO  **}**  @FXML  private void giris**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"satici.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @FXML  private void cikis**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  **}**    **SaticiController**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Satici**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**ArrayList**;**  **import** java**.**util**.**List**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**scene**.**control**.**Label**;**  **import** javafx**.**scene**.**control**.**TableColumn**;**  **import** javafx**.**scene**.**control**.**TableView**;**  **import** javafx**.**scene**.**control**.**cell**.**PropertyValueFactory**;**  **import** javafx**.**scene**.**text**.**Text**;**  **import** javafx**.**stage**.**Stage**;**  **import** util**.**DBConnection**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class SaticiController **extends** AbstractController **implements** Initializable **{**  /\*\*  \* Initializes the controller class.  \*/      static Satici aktifSatici**=new** Satici**();**  @FXML  private TableView**<**Bilet**>** biletTableView**;**  @FXML  private TableColumn**<**Bilet**,** Long**>** bilet\_idColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** fiyatColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** saticiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkis\_saatiColumn**;**  @FXML  private Label isim**;**    public static List**<**Bilet**>** biletListele **=** **new** ArrayList**();** //Okunan kitap bilgilerini tutan dizi    public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  // TODO  isim**.**setText**(**aktifSatici**.**getSatici\_adi\_soyadi**());**  biletListele**.**removeAll**(**biletListele**);**  saticiDAO**.**biletleriGoster**();**  // akademisyenTableView.getItems().setAll(akademisyenDuyuru);  biletTableView**.**getItems**().**setAll**(**biletListele**);**  System**.**err**.**println**(**"Satici isim : "**+**aktifSatici**.**getSatici\_adi\_soyadi**());**  // System.out.println("isim : "+biletListele.get(7).getSatici().getSatici\_adi\_soyadi());  //tableView.getItems().setAll(duyuruListele); //Tabloda göster  bilet\_idColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Long**>(**"bilet\_id"**));**  kalkisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_yeri"**));**  varisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_yeri"**));**  varisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_tarihi"**));**  kalkisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_tarihi"**));**  fiyatColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"bilet\_fiyat"**));**  kalkis\_saatiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_saati"**));**  saticiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"satici\_id"**));**  **}**  @FXML  private void cikis**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**SaticiController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @FXML  private void BiletDuzenle**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"SaticiBiletDuzenle.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**SaticiController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  **}**  **SaticiBiletDuzenleControler**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Satici**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**ArrayList**;**  **import** java**.**util**.**List**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**collections**.**ObservableList**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**scene**.**control**.**ComboBox**;**  **import** javafx**.**scene**.**control**.**DatePicker**;**  **import** javafx**.**scene**.**control**.**SelectionMode**;**  **import** javafx**.**scene**.**control**.**TableColumn**;**  **import** javafx**.**scene**.**control**.**TableView**;**  **import** javafx**.**scene**.**control**.**TextField**;**  **import** javafx**.**scene**.**control**.**cell**.**PropertyValueFactory**;**  **import** javafx**.**stage**.**Stage**;**  **import** javax**.**swing**.**JOptionPane**;**  **import** static otobusbiletrezevasyonsistemi**.**SaticiController**.**aktifSatici**;**  **import** sun**.**security**.**rsa**.**RSACore**;**  **import** util**.**DBConnection**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class SaticiBiletDuzenleController **extends** DBConnection **implements** Initializable **{**  /\*\*  \* Initializes the controller class.  \*/  public static List**<**Bilet**>** biletListele **=** **new** ArrayList**();**  public static List**<**Bilet**>** arananBilet **=** **new** ArrayList**();**    saticiDAO saticiDAO **=** **new** saticiDAO**();**  static Satici aktifSatici **=** **new** Satici**();**  @FXML  private TableView**<**Bilet**>** biletTableView**;**  @FXML  private TableColumn**<**Bilet**,** Long**>** bilet\_idColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** fiyatColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** saticiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkis\_saatiColumn**;**  @FXML  public ComboBox**<**String**>** guncellenecek **=** **new** ComboBox**();**  @FXML  public TextField varis\_yeri**;**  @FXML  public TextField kalkis\_yeri**;**  @FXML  public DatePicker varis\_tarihi**;**  @FXML  public DatePicker kalkis\_tarihi**;**  @FXML  public TextField fiyati**;**  @FXML  public TextField kalkis\_saati**;**  @FXML  public TextField guncelDeger**;**  @FXML  public TextField aranacakBilet\_id**;**  @FXML  private TableView**<**Bilet**>** arananBiletTableView**;**  @FXML  private TableColumn**<**Bilet**,** Long**>** arananBilet\_idColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananKalkisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananVarisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananBiletFiyatColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananVarisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananKalkisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananKalkis\_saatiColumn**;**  @FXML  public void biletEkle**()** **{**  String kalkisTarihiText **=** kalkis\_tarihi**.**getValue**().**toString**();**  String varisTarihiText **=** varis\_tarihi**.**getValue**().**toString**();**  String kalkisYeriText **=** kalkis\_yeri**.**getText**();**  String varisYeriText **=** varis\_yeri**.**getText**();**  String fiyatText **=** fiyati**.**getText**();**  String kalkisSaatiText **=** kalkis\_saati**.**getText**();**  Integer saticiIdText **=** aktifSatici**.**getSatici\_id**();**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"insert into bilet(kalkis\_tarihi,varis\_tarihi,kalkis\_yeri,"  **+** "varis\_yeri,bilet\_fiyat,kalkis\_saati,satici\_id)"  **+** "values('" **+** kalkisTarihiText **+** "','" **+** varisTarihiText **+** "','" **+**  kalkisYeriText **+** "','" **+** varisYeriText **+** "','" **+** fiyatText **+** "','" **+**  kalkisSaatiText **+** "','" **+** saticiIdText **+** "')"**);**  **}** **catch** **(**SQLException exception**)** **{**  exception**.**getMessage**();**  **}**  **}**  @FXML  public void biletSil**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  ObservableList**<**Bilet**>** selectedRows**,** allbilet**;**  allbilet **=** biletTableView**.**getItems**();**  selectedRows **=** biletTableView**.**getSelectionModel**().**getSelectedItems**();**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  allbilet**.**remove**(**bilet**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"delete from bilet where bilet\_id="  **+** bilet**.**getBilet\_id**());**  st**.**executeUpdate**(**"delete from musteri\_bilet where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException exception**)** **{**  exception**.**getMessage**();**  **}**  **}**  **}**  @FXML  public void biletGuncelle**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  ObservableList**<**Bilet**>** selectedRows**,** allbilet**;**  allbilet **=** biletTableView**.**getItems**();**  selectedRows **=** biletTableView**.**getSelectionModel**().**getSelectedItems**();**  String guncelDegerText **=** guncelDeger**.**getText**();**  **if** **(**guncellenecek**.**getValue**().**equals**(**"Kalkış Tarihi"**))** **{**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  guncellenecek**.**setValue**(**"Kalkış Tarihi"**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"update bilet set kalkis\_tarihi='" **+** guncelDegerText **+** "' where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException e**)** **{**  e**.**getMessage**();**  **}**  **}**  **}** **else** **if** **(**guncellenecek**.**getValue**().**equals**(**"Varış Tarihi"**))** **{**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  guncellenecek**.**setValue**(**"Varış Tarihi"**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"update bilet set varis\_tarihi='" **+** guncelDegerText **+** "' where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException e**)** **{**  e**.**getMessage**();**  **}**  **}**  **}** **else** **if** **(**guncellenecek**.**getValue**().**equals**(**"Kalkış Yeri"**))** **{**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  guncellenecek**.**setValue**(**"Kalkış Yeri"**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"update bilet set kalkis\_yeri='" **+** guncelDegerText **+** "' where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException e**)** **{**  e**.**getMessage**();**  **}**  **}**  **}** **else** **if** **(**guncellenecek**.**getValue**().**equals**(**"Varış Yeri"**))** **{**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  guncellenecek**.**setValue**(**"Varış Yeri"**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"update bilet set varis\_yeri='" **+** guncelDegerText **+** "' where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException e**)** **{**  e**.**getMessage**();**  **}**  **}**  **}** **else** **if** **(**guncellenecek**.**getValue**().**equals**(**"Kalkış Saati"**))** **{**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  guncellenecek**.**setValue**(**"Kalkış Saati"**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"update bilet set kalkis\_saati='" **+** guncelDegerText **+** "' where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException e**)** **{**  e**.**getMessage**();**  **}**  **}**  **}** **else** **if** **(**guncellenecek**.**getValue**().**equals**(**"Bilet Fiyatı"**))** **{**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  guncellenecek**.**setValue**(**"Bilet Fiyatı"**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"update bilet set bilet\_fiyat='" **+** guncelDegerText **+** "' where bilet\_id=" **+** bilet**.**getBilet\_id**());**  **}** **catch** **(**SQLException e**)** **{**  e**.**getMessage**();**  **}**  **}**  **}**  biletListele**.**removeAll**(**biletListele**);**  saticiDAO**.**biletleriGoster**();**  biletTableView**.**getItems**().**setAll**(**biletListele**);**  **}**  @FXML  public void biletAra**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**    String aranacakBilet\_idText**;**  aranacakBilet\_idText **=** aranacakBilet\_id**.**getText**();**  boolean kontrol**=false;**  **try{**  Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select \* from bilet where bilet\_id='"**+**Integer**.**valueOf**(**aranacakBilet\_idText**)+**  "' and satici\_id='"**+**aktifSatici**.**getSatici\_id**()+**"'"**);**  **while(**rs**.**next**()){**  Bilet bilet **=** **new** Bilet**(**Integer**.**valueOf**(**aranacakBilet\_idText**),**  rs**.**getString**(**"kalkis\_tarihi"**),** rs**.**getString**(**"varis\_tarihi"**),**  rs**.**getString**(**"kalkis\_yeri"**),** rs**.**getString**(**"varis\_yeri"**),**  rs**.**getString**(**"kalkis\_saati"**),** rs**.**getString**(**"bilet\_fiyat"**),**  aktifSatici**.**getSatici\_id**());**  arananBilet**.**add**(**bilet**);**  arananBiletTableView**.**getItems**().**setAll**(**arananBilet**);**  arananBilet**.**removeAll**(**arananBilet**);**  kontrol**=true;**  **}**    **}catch(**SQLException e**){**  System**.**out**.**println**(**e**.**getMessage**());**  **}**  **if(**kontrol**==false){**  JOptionPane**.**showMessageDialog**(null,** " BİLET BULUNAMADI ! "**);**  **}**  **}**  @Override  public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  guncellenecek**.**getItems**().**add**(**"Kalkış Tarihi"**);**  guncellenecek**.**getItems**().**add**(**"Varış Tarihi"**);**  guncellenecek**.**getItems**().**add**(**"Kalkış Yeri"**);**  guncellenecek**.**getItems**().**add**(**"Varış Yeri"**);**  guncellenecek**.**getItems**().**add**(**"Kalkış Saati"**);**  guncellenecek**.**getItems**().**add**(**"Bilet Fiyatı"**);**  biletListele**.**removeAll**(**biletListele**);**  saticiDAO**.**biletleriGoster**();**  biletTableView**.**getItems**().**setAll**(**biletListele**);**    arananBiletTableView**.**getItems**().**setAll**(**arananBilet**);**    bilet\_idColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Long**>(**"bilet\_id"**));**  kalkisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_yeri"**));**  varisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_yeri"**));**  varisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_tarihi"**));**  kalkisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_tarihi"**));**  fiyatColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"bilet\_fiyat"**));**  kalkis\_saatiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_saati"**));**  saticiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"satici\_id"**));**    arananBilet\_idColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Long**>(**"bilet\_id"**));**  arananKalkisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_yeri"**));**  arananVarisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_yeri"**));**  arananVarisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_tarihi"**));**  arananKalkisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_tarihi"**));**  arananBiletFiyatColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"bilet\_fiyat"**));**  arananKalkis\_saatiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_saati"**));**  **}**    @FXML  private void geri**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"satici.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**SaticiBiletDuzenleController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @FXML  private void cikis**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**SaticiBiletDuzenleController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  **}**  **MusteriDAO**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Musteri**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** static otobusbiletrezevasyonsistemi**.**saticiDAO**.**aktifSatici**;**  **import** util**.**DBConnection**;**  /\*\*  \*  \* **@author** hp  \*/  public class musteriDAO **{**    static Musteri aktifMusteri**=new** Musteri**();**  private DBConnection connector**;**  private Connection connection**;**    public void biletleriGoster**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**    **try{**  Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select bilet\_id from musteri\_bilet"**);**    **while(**rs**.**next**()){**  System**.**out**.**println**(**"BİLET\_İD : "**+**rs**.**getInt**(**"bilet\_id"**));**  bilet\_bul**(**rs**.**getInt**(**"bilet\_id"**));**        **}**  **}catch(**SQLException e**){**  e**.**getMessage**();**  **}**    **}**  public void bilet\_bul**(**int bilet\_id**){**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  **try{**  Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select \* from bilet where bilet\_id="**+**bilet\_id**);**  **while** **(**rs**.**next**())** **{**    Bilet bilet**=new** Bilet**(**rs**.**getInt**(**"bilet\_id"**),** rs**.**getString**(**"kalkis\_tarihi"**),**  rs**.**getString**(**"varis\_tarihi"**),** rs**.**getString**(**"kalkis\_yeri"**),**  rs**.**getString**(**"varis\_yeri"**),** rs**.**getString**(**"bilet\_fiyat"**),**  rs**.**getString**(**"kalkis\_saati"**),**  rs**.**getInt**(**"satici\_id"**));**    MusteriController**.**alinanBiletler**.**add**(**bilet**);**  MusteriBiletDuzenleController**.**alinanBiletler**.**add**(**bilet**);**  **}**      **}catch(**SQLException e**){**  System**.**out**.**println**(**e**.**getMessage**());**  **}**    **}**  public void tumBiletleriGoster**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  SaticiController saticiController**=new** SaticiController**();**  SaticiBiletDuzenleController saticiBiletDuzenleController**=new** SaticiBiletDuzenleController**();**  **try{**  Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select \* from bilet"**);**    **while(**rs**.**next**()){**    Bilet bilet**=new** Bilet**(**rs**.**getInt**(**"bilet\_id"**),** rs**.**getString**(**"kalkis\_tarihi"**),** rs**.**getString**(**"varis\_tarihi"**),** rs**.**getString**(**"kalkis\_yeri"**),** rs**.**getString**(**"varis\_yeri"**),** rs**.**getString**(**"bilet\_fiyat"**),**rs**.**getString**(**"kalkis\_saati"**),** rs**.**getInt**(**"satici\_id"**));**  MusteriController**.**biletListele**.**add**(**bilet**);**    **}**  **}catch(**SQLException e**){**  e**.**getMessage**();**  **}**    **}**    public DBConnection getConnector**()** **{**  **if** **(this.**connector **==** **null)** **{**  **this.**connector **=** **new** DBConnection**();**  **}**  **return** connector**;**  **}**  public Connection getConnection**()** **{**  **if** **(this.**connection **==** **null)** **{**  **this.**connection **=** **this.**getConnector**().**connect**();**  **}**  **return** connection**;**  **}**  **}**  **MusteriGirisController**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Musteri**;**  **import** entity**.**Satici**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**PreparedStatement**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**scene**.**control**.**PasswordField**;**  **import** javafx**.**scene**.**control**.**TextField**;**  **import** javafx**.**stage**.**Stage**;**  **import** javax**.**swing**.**JOptionPane**;**  **import** util**.**DBConnection**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class MusteriGirisController **extends** DBConnection **implements** Initializable **{**  @FXML  public PasswordField telefon**;**  @FXML  public PasswordField kullaniciSifre**;**  musteriDAO musteriDAO **=** **new** musteriDAO**();**  MusteriBiletDuzenleController musteriBiletDuzenleController **=** **new** MusteriBiletDuzenleController**();**  MusteriController musteriController **=** **new** MusteriController**();**  @FXML  public void MusterigirisKontrol**(**ActionEvent a**)** **throws** SQLException **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  boolean girisKontrol **=** **false;**  **try** **{**  Statement st **=** c**.**createStatement**();**  ResultSet rs **=** st**.**executeQuery**(**"select \* from musteri"**);**  **while** **(**rs**.**next**())** **{**  Musteri musteri **=** **new** Musteri**(**rs**.**getInt**(**"musteri\_id"**),** rs**.**getString**(**"musteri\_adi\_soyadi"**),** rs**.**getString**(**"musteri\_tel"**),** rs**.**getString**(**"musteri\_adres"**),** rs**.**getString**(**"musteri\_sifre"**));**  musteri**.**setMusteri\_id**(**rs**.**getInt**(**"musteri\_id"**));**  musteri**.**setMusteri\_adi\_soyadi**(**rs**.**getString**(**"musteri\_adi\_soyadi"**));**  musteri**.**setMusteri\_adres**(**rs**.**getString**(**"musteri\_adres"**));**  musteri**.**setMusteri\_tel**(**rs**.**getString**(**"musteri\_tel"**));**  musteri**.**setMusteri\_sifre**(**rs**.**getString**(**"musteri\_sifre"**));**  **if** **(**telefon**.**getText**().**equals**(**rs**.**getString**(**"musteri\_tel"**))**  **&&** kullaniciSifre**.**getText**().**equals**(**rs**.**getString**(**"musteri\_sifre"**)))** **{**  musteriDAO**.**aktifMusteri **=** musteri**;**  musteriBiletDuzenleController**.**aktifMusteri **=** musteri**;**  musteriController**.**aktifMusteri **=** musteri**;**  girisKontrol **=** **true;**  giris**(**a**);**  **}**  **}**  **if** **(**girisKontrol **==** **false)** **{**  JOptionPane**.**showMessageDialog**(null,** "Hatali sifre veya kullanici adi !"  **+** " YENİDEN DENEYİNİZ!!"**);**  **}**  **}** **catch** **(**SQLException ex**)** **{**  System**.**err**.**println**(**"Hata"**);**  **}**  **}**  @FXML  private void giris**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"musteri.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @FXML  private void cikis**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @Override  public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  // TODO  **}**  **}**  **MusteriController**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Musteri**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**ResultSet**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**ArrayList**;**  **import** java**.**util**.**List**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**scene**.**control**.**Label**;**  **import** javafx**.**scene**.**control**.**TableColumn**;**  **import** javafx**.**scene**.**control**.**TableView**;**  **import** javafx**.**scene**.**control**.**TextField**;**  **import** javafx**.**scene**.**control**.**cell**.**PropertyValueFactory**;**  **import** javafx**.**stage**.**Stage**;**  **import** javax**.**swing**.**JOptionPane**;**  **import** static otobusbiletrezevasyonsistemi**.**SaticiBiletDuzenleController**.**aktifSatici**;**  **import** static otobusbiletrezevasyonsistemi**.**SaticiBiletDuzenleController**.**arananBilet**;**  **import** static otobusbiletrezevasyonsistemi**.**SaticiController**.**biletListele**;**  **import** sun**.**security**.**rsa**.**RSACore**;**  **import** util**.**DBConnection**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class MusteriController **extends** musteriAbstractController **implements** Initializable **{**  /\*\*  \* Initializes the controller class.  \*/  static Musteri aktifMusteri **=** **new** Musteri**();**  musteriDAO musteriDAO**=new** musteriDAO**();**  MusteriBiletDuzenleController musteriBiletDuzenleController**=new** MusteriBiletDuzenleController**();**    @FXML  private Label isim**;**  @FXML  private TableView**<**Bilet**>** biletTableView**;**  @FXML  private TableColumn**<**Bilet**,** Long**>** bilet\_idColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** fiyatColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** saticiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkis\_saatiColumn**;**    @FXML  public TextField aranacakBilet\_id**;**  @FXML  private TableView**<**Bilet**>** arananBiletTableView**;**  @FXML  private TableColumn**<**Bilet**,** Long**>** arananBilet\_idColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananKalkisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananVarisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananBiletFiyatColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananVarisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananKalkisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** arananKalkis\_saatiColumn**;**    public static List**<**Bilet**>** arananBilet **=** **new** ArrayList**();**  public static List**<**Bilet**>** biletListele **=** **new** ArrayList**();** //Okunan kitap bilgilerini tutan dizi  public static List**<**Bilet**>** alinanBiletler **=** **new** ArrayList**();**  @FXML  private TextField biletNo**;**  @FXML  private TextField secilenKoltuk**;**    @FXML  public void biletAl**(){**  DBConnection db**=new** DBConnection**();**  Connection c**=**db**.**connect**();**  String biletNoText**=**biletNo**.**getText**();**  String secilenKoltukText**=**secilenKoltuk**.**getText**();**  **try{**    Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select \* from bilet where bilet\_id="**+**Integer**.**valueOf**(**biletNoText**));**    **while** **(**rs**.**next**())** **{**    Bilet bilet **=** **new** Bilet**(**Integer**.**valueOf**(**biletNoText**),** rs**.**getString**(**"kalkis\_tarihi"**),**  rs**.**getString**(**"varis\_tarihi"**),** rs**.**getString**(**"kalkis\_yeri"**),** rs**.**getString**(**"varis\_yeri"**),**  rs**.**getString**(**"kalkis\_saati"**),** rs**.**getString**(**"bilet\_fiyat"**),** rs**.**getInt**(**"satici\_id"**));**  st**.**executeUpdate**(**"insert into musteri\_bilet(musteri\_id,"  **+** "bilet\_id,koltuk\_num) values('"**+**aktifMusteri**.**getMusteri\_id**()**  **+**"','"**+**Integer**.**valueOf**(**biletNoText**)+**"','"**+**Integer**.**valueOf**(**secilenKoltukText**)+**"')"**);**  musteriDAO**.**biletleriGoster**();**  alinanBiletler**.**add**(**bilet**);**  musteriBiletDuzenleController**.**alinanBiletler**.**add**(**bilet**);**  **}**  **}catch(**SQLException e**){**  e**.**getMessage**();**  **}**  **}**  @FXML  public void biletAra**()** **{**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**    String aranacakBilet\_idText**;**  aranacakBilet\_idText **=** aranacakBilet\_id**.**getText**();**  int bilet\_id**=**Integer**.**valueOf**(**aranacakBilet\_idText**);**  boolean kontrol**=false;**  **try{**  Statement st**=**c**.**createStatement**();**  ResultSet rs**=**st**.**executeQuery**(**"select \* from bilet where bilet\_id="**+**bilet\_id**);**  System**.**out**.**println**(**"BURAYA GELDİN Mİ?"**);**  **while(**rs**.**next**()){**  Bilet bilet **=** **new** Bilet**(**bilet\_id**,**  rs**.**getString**(**"kalkis\_tarihi"**),** rs**.**getString**(**"varis\_tarihi"**),**  rs**.**getString**(**"kalkis\_yeri"**),** rs**.**getString**(**"varis\_yeri"**),**  rs**.**getString**(**"kalkis\_saati"**),** rs**.**getString**(**"bilet\_fiyat"**),**  rs**.**getInt**(**"satici\_id"**));**  arananBilet**.**add**(**bilet**);**  arananBiletTableView**.**getItems**().**setAll**(**arananBilet**);**  kontrol**=true;**  **}**  **}catch(**SQLException e**){**  System**.**out**.**println**(**e**.**getMessage**());**  **}**  **if(**kontrol**==false){**  JOptionPane**.**showMessageDialog**(null,** " BİLET BULUNAMADI ! "**);**  **}**  **}**    @Override  public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  // TODO  isim**.**setText**(**aktifMusteri**.**getMusteri\_adi\_soyadi**());**  biletListele**.**removeAll**(**biletListele**);**  musteriDAO**.**tumBiletleriGoster**();**  // akademisyenTableView.getItems().setAll(akademisyenDuyuru);  biletTableView**.**getItems**().**setAll**(**biletListele**);**  arananBiletTableView**.**getItems**().**setAll**(**arananBilet**);**    bilet\_idColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Long**>(**"bilet\_id"**));**  kalkisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_yeri"**));**  varisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_yeri"**));**  varisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_tarihi"**));**  kalkisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_tarihi"**));**  fiyatColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"bilet\_fiyat"**));**  kalkis\_saatiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_saati"**));**  saticiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"satici\_id"**));**      arananBilet\_idColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Long**>(**"bilet\_id"**));**  arananKalkisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_yeri"**));**  arananVarisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_yeri"**));**  arananVarisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_tarihi"**));**  arananKalkisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_tarihi"**));**  arananBiletFiyatColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"bilet\_fiyat"**));**  arananKalkis\_saatiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_saati"**));**    **}**      @FXML  private void cikis**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  @FXML  private void biletlerim**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"MusteriBiletDuzenle.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  **}**  **MusteriBiletDuzenleController**  package otobusbiletrezevasyonsistemi**;**  **import** entity**.**Bilet**;**  **import** entity**.**Musteri**;**  **import** java**.**io**.**IOException**;**  **import** java**.**net**.**URL**;**  **import** java**.**sql**.**Connection**;**  **import** java**.**sql**.**SQLException**;**  **import** java**.**sql**.**Statement**;**  **import** java**.**util**.**ArrayList**;**  **import** java**.**util**.**List**;**  **import** java**.**util**.**ResourceBundle**;**  **import** java**.**util**.**logging**.**Level**;**  **import** java**.**util**.**logging**.**Logger**;**  **import** javafx**.**collections**.**ObservableList**;**  **import** javafx**.**event**.**ActionEvent**;**  **import** javafx**.**fxml**.**FXML**;**  **import** javafx**.**fxml**.**FXMLLoader**;**  **import** javafx**.**fxml**.**Initializable**;**  **import** javafx**.**scene**.**Node**;**  **import** javafx**.**scene**.**Parent**;**  **import** javafx**.**scene**.**Scene**;**  **import** javafx**.**scene**.**control**.**TableColumn**;**  **import** javafx**.**scene**.**control**.**TableView**;**  **import** javafx**.**scene**.**control**.**cell**.**PropertyValueFactory**;**  **import** javafx**.**stage**.**Stage**;**  **import** static otobusbiletrezevasyonsistemi**.**MusteriController**.**biletListele**;**  **import** static otobusbiletrezevasyonsistemi**.**SaticiBiletDuzenleController**.**biletListele**;**  **import** util**.**DBConnection**;**  /\*\*  \* FXML Controller class  \*  \* **@author** hp  \*/  public class MusteriBiletDuzenleController **implements** Initializable **{**  /\*\*  \* Initializes the controller class.  \*/    static Musteri aktifMusteri**=new** Musteri**();**  public static List**<**Bilet**>** alinanBiletler **=** **new** ArrayList**();**  musteriDAO musteriDAO**=new** musteriDAO**();**  @FXML  private TableView**<**Bilet**>** biletTableView**;**  @FXML  private TableColumn**<**Bilet**,** Long**>** bilet\_idColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisYeriColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** fiyatColumn**;**  @FXML  private TableColumn**<**Bilet**,** Integer**>** saticiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** varisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkisTarihiColumn**;**  @FXML  private TableColumn**<**Bilet**,** String**>** kalkis\_saatiColumn**;**    @FXML  public void biletSil**(){**  DBConnection db **=** **new** DBConnection**();**  Connection c **=** db**.**connect**();**  ObservableList**<**Bilet**>** selectedRows**,** allbilet**;**  allbilet **=** biletTableView**.**getItems**();**  selectedRows **=** biletTableView**.**getSelectionModel**().**getSelectedItems**();**  **for** **(**Bilet bilet **:** selectedRows**)** **{**  allbilet**.**remove**(**bilet**);**  **try** **{**  Statement st **=** c**.**createStatement**();**  st**.**executeUpdate**(**"delete from musteri\_bilet where bilet\_id="  **+** bilet**.**getBilet\_id**());**  alinanBiletler**.**remove**(**bilet**);**  **}** **catch** **(**SQLException exception**)** **{**  exception**.**getMessage**();**  **}**  **}**    **}**  @Override  public void initialize**(**URL url**,** ResourceBundle rb**)** **{**  // TODO      alinanBiletler**.**removeAll**(**alinanBiletler**);**  musteriDAO**.**biletleriGoster**();**  biletTableView**.**getItems**().**setAll**(**alinanBiletler**);**    bilet\_idColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Long**>(**"bilet\_id"**));**  kalkisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_yeri"**));**  varisYeriColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_yeri"**));**  varisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"varis\_tarihi"**));**  kalkisTarihiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_tarihi"**));**  fiyatColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"bilet\_fiyat"**));**  kalkis\_saatiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** String**>(**"kalkis\_saati"**));**  saticiColumn**.**setCellValueFactory**(new** PropertyValueFactory**<**Bilet**,** Integer**>(**"satici\_id"**));**  **}**    @FXML  private void geri**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"musteri.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**    @FXML  private void cikis**(**ActionEvent a**)** **{**  **try** **{**  Parent tableViewParent **=** FXMLLoader**.**load**(**getClass**().**getResource**(**"LogIn.fxml"**));**  Scene tableview **=** **new** Scene**(**tableViewParent**);**  Stage window **=** **(**Stage**)** **((**Node**)** a**.**getSource**()).**getScene**().**getWindow**();**  window**.**setScene**(**tableview**);**  window**.**show**();**  **}** **catch** **(**IOException ex**)** **{**  Logger**.**getLogger**(**LogInController**.**class**.**getName**()).**log**(**Level**.**SEVERE**,** **null,** ex**);**  **}**  **}**  **}**  **Bilet.java**  package entity**;**  **import** java**.**util**.**List**;**  **import** java**.**util**.**logging**.**Logger**;**  /\*\*  \*  \* **@author** hp  \*/  public class Bilet **{**  private int bilet\_id**;**  private String kalkis\_tarihi**;**  private String varis\_tarihi**;**  private String kalkis\_yeri**;**  private String varis\_yeri**;**  private String bilet\_fiyat**;**  private String kalkis\_saati**;**  private int satici\_id**;**  public Bilet**()** **{**  **}**  public Bilet**(**int bilet\_id**,** String kalkis\_tarihi**,** String varis\_tarihi**,** String kalkis\_yeri**,** String varis\_yeri**,** String bilet\_fiyat**,** String kalkis\_saati**,** int satici\_id**)** **{**  **this.**bilet\_id **=** bilet\_id**;**  **this.**kalkis\_tarihi **=** kalkis\_tarihi**;**  **this.**varis\_tarihi **=** varis\_tarihi**;**  **this.**kalkis\_yeri **=** kalkis\_yeri**;**  **this.**varis\_yeri **=** varis\_yeri**;**  **this.**bilet\_fiyat **=** bilet\_fiyat**;**  **this.**kalkis\_saati **=** kalkis\_saati**;**  **this.**satici\_id **=** satici\_id**;**  **}**    public int getBilet\_id**()** **{**  **return** bilet\_id**;**  **}**  public void setBilet\_id**(**int bilet\_id**)** **{**  **this.**bilet\_id **=** bilet\_id**;**  **}**  public String getKalkis\_tarihi**()** **{**  **return** kalkis\_tarihi**;**  **}**  public void setKalkis\_tarihi**(**String kalkis\_tarihi**)** **{**  **this.**kalkis\_tarihi **=** kalkis\_tarihi**;**  **}**  public String getVaris\_tarihi**()** **{**  **return** varis\_tarihi**;**  **}**  public void setVaris\_tarihi**(**String varis\_tarihi**)** **{**  **this.**varis\_tarihi **=** varis\_tarihi**;**  **}**  public String getKalkis\_yeri**()** **{**  **return** kalkis\_yeri**;**  **}**  public void setKalkis\_yeri**(**String kalkis\_yeri**)** **{**  **this.**kalkis\_yeri **=** kalkis\_yeri**;**  **}**  public String getVaris\_yeri**()** **{**  **return** varis\_yeri**;**  **}**  public void setVaris\_yeri**(**String varis\_yeri**)** **{**  **this.**varis\_yeri **=** varis\_yeri**;**  **}**  public String getBilet\_fiyat**()** **{**  **return** bilet\_fiyat**;**  **}**  public void setBilet\_fiyat**(**String bilet\_fiyat**)** **{**  **this.**bilet\_fiyat **=** bilet\_fiyat**;**  **}**  public String getKalkis\_saati**()** **{**  **return** kalkis\_saati**;**  **}**  public void setKalkis\_saati**(**String kalkis\_saati**)** **{**  **this.**kalkis\_saati **=** kalkis\_saati**;**  **}**  public int getSatici\_id**()** **{**  **return** satici\_id**;**  **}**  public void setSatici\_id**(**int satici\_id**)** **{**  **this.**satici\_id **=** satici\_id**;**  **}**      **}**  **Musteri**  package entity**;**  /\*\*  \*  \* **@author** hp  \*/  public class Musteri **{**  private int musteri\_id**;**  private String musteri\_adi\_soyadi**;**  private String musteri\_tel**;**  private String musteri\_adres**;**  private String musteri\_sifre**;**  public Musteri**()** **{**  **}**  public Musteri**(**int musteri\_id**,** String musteri\_adi\_soyadi**,** String musteri\_tel**,** String musteri\_adres**,** String musteri\_sifre**)** **{**  **this.**musteri\_id **=** musteri\_id**;**  **this.**musteri\_adi\_soyadi **=** musteri\_adi\_soyadi**;**  **this.**musteri\_tel **=** musteri\_tel**;**  **this.**musteri\_adres **=** musteri\_adres**;**  **this.**musteri\_sifre **=** musteri\_sifre**;**  **}**  public String getMusteri\_adi\_soyadi**()** **{**  **return** musteri\_adi\_soyadi**;**  **}**  public void setMusteri\_adi\_soyadi**(**String musteri\_adi\_soyadi**)** **{**  **this.**musteri\_adi\_soyadi **=** musteri\_adi\_soyadi**;**  **}**    public int getMusteri\_id**()** **{**  **return** musteri\_id**;**  **}**  public void setMusteri\_id**(**int musteri\_id**)** **{**  **this.**musteri\_id **=** musteri\_id**;**  **}**    public String getMusteri\_tel**()** **{**  **return** musteri\_tel**;**  **}**  public void setMusteri\_tel**(**String musteri\_tel**)** **{**  **this.**musteri\_tel **=** musteri\_tel**;**  **}**  public String getMusteri\_adres**()** **{**  **return** musteri\_adres**;**  **}**  public void setMusteri\_adres**(**String musteri\_adres**)** **{**  **this.**musteri\_adres **=** musteri\_adres**;**  **}**  public String getMusteri\_sifre**()** **{**  **return** musteri\_sifre**;**  **}**  public void setMusteri\_sifre**(**String musteri\_sifre**)** **{**  **this.**musteri\_sifre **=** musteri\_sifre**;**  **}**      **}**  **Satici**  package entity**;**  /\*\*  \*  \* **@author** hp  \*/  public class Satici **{**  private int satici\_id**;**  private String satici\_adi\_soyadi**;**  private String satici\_adres**;**  private String satici\_tel**;**  private String satici\_sifre**;**  public Satici**()** **{**  **}**  public Satici**(**int satici\_id**,** String satici\_adi\_soyadi**,** String satici\_adres**,** String satici\_tel**,** String satici\_sifre**)** **{**  **this.**satici\_id **=** satici\_id**;**  **this.**satici\_adi\_soyadi **=** satici\_adi\_soyadi**;**  **this.**satici\_adres **=** satici\_adres**;**  **this.**satici\_tel **=** satici\_tel**;**  **this.**satici\_sifre **=** satici\_sifre**;**  **}**  public String getSatici\_adi\_soyadi**()** **{**  **return** satici\_adi\_soyadi**;**  **}**  public void setSatici\_adi\_soyadi**(**String satici\_adi\_soyadi**)** **{**  **this.**satici\_adi\_soyadi **=** satici\_adi\_soyadi**;**  **}**    public String getSatici\_adres**()** **{**  **return** satici\_adres**;**  **}**  public void setSatici\_adres**(**String satici\_adres**)** **{**  **this.**satici\_adres **=** satici\_adres**;**  **}**  public String getSatici\_tel**()** **{**  **return** satici\_tel**;**  **}**  public void setSatici\_tel**(**String satici\_tel**)** **{**  **this.**satici\_tel **=** satici\_tel**;**  **}**  public String getSatici\_sifre**()** **{**  **return** satici\_sifre**;**  **}**  public void setSatici\_sifre**(**String satici\_sifre**)** **{**  **this.**satici\_sifre **=** satici\_sifre**;**  **}**  public int getSatici\_id**()** **{**  **return** satici\_id**;**  **}**  public void setSatici\_id**(**int satici\_id**)** **{**  **this.**satici\_id **=** satici\_id**;**  **}**  @Override  public String toString**()** **{**  **return** "Satici{" **+** "satici\_id=" **+** satici\_id **+** ", satici\_adi\_soyadi=" **+** satici\_adi\_soyadi **+** ", satici\_adres=" **+** satici\_adres **+** ", satici\_tel=" **+** satici\_tel **+** ", satici\_sifre=" **+** satici\_sifre **+** '}'**;**  **}**  **}** | |