```
MAIN ACTIVITIES:
                                                        androidx.appcompat.app.AppCompatActivity;
APPHOME:
                                                        import android.content.Intent;
                                                        import android.os.Bundle;
package com.example.bookeasy;
                                                        import android.view.View;
androidx.appcompat.app.AppCompatActivity;
                                                        public class appHome extends AppCompatActivity
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
                                                          @Override
                                                           protected void onCreate(Bundle
public class appHome extends AppCompatActivity
                                                        savedInstanceState) {
                                                             super.onCreate(savedInstanceState);
                                                             setContentView(R.layout.activity_app_home);
  @Override
  protected void onCreate(Bundle
savedInstanceState) {
    super.onCreate(savedInstanceState);
                                                          public void roomHome(View view){
    setContentView(R.layout.activity app home);
                                                             Intent homeRoom = new
  }
                                                        Intent(appHome.this,roomHome.class);
                                                             startActivity(homeRoom);
  public void roomHome(View view){
    Intent homeRoom = new
                                                          public void table(View view){
Intent(appHome.this,roomHome.class);
    startActivity(homeRoom);
                                                             Intent home Table = new
  }
                                                        Intent(appHome.this,start.class);
                                                             startActivity(homeTable);
  public void table(View view){
    Intent homeTable = new
                                                          public void account(View view){
Intent(appHome.this,start.class);
    startActivity(homeTable);
                                                             Intent homeAccount = new
                                                        Intent(appHome.this,Profile.class);
                                                             startActivity(homeAccount);
  public void account(View view){
    Intent homeAccount = new
                                                          public void food(View view){
Intent(appHome.this,Profile.class);
    startActivity(homeAccount);
                                                             Intent homeFood = new
                                                        Intent(appHome.this,foodHome.class);
                                                             startActivity(homeFood);
  public void food(View view){
    Intent homeFood = new
Intent(appHome.this,foodHome.class);
    startActivity(homeFood);
                                                        CONFIRMEDBOOKING:
                                                        package com.example.bookeasy;
BOOK ROOM:
                                                        androidx.appcompat.app.AppCompatActivity;
package com.example.bookeasy;
                                                        import android.content.Intent;
                                                        import android.os.Bundle;
import
```

```
import android.view.View;
                                                             public String getTelephone() {
public class confirmedBooking extends
                                                               return telephone;
AppCompatActivity {
  @Override
                                                             public void setName(String name) {
  protected void onCreate(Bundle
                                                               this.name = name;
savedInstanceState) {
    super.onCreate(savedInstanceState);
                                                             public void setEmail(String email) {
setContentView(R.layout.activity confirmed booki
                                                               this.email = email;
ng);
  }
                                                             public void setPassword(String password) {
  public void Home(View view){
                                                               this.password = password;
    Intent intent = new
Intent(confirmedBooking.this,start.class);
                                                             public void setTelephone(String telephone) {
    startActivity(intent);
                                                               this.telephone = telephone;
  }
                                                          DELETE:
  public void viewBookings(View view){
                                                          package com.example.bookeasy;
    Intent intent = new
                                                           import
Intent(confirmedBooking.this,viewBookings.class);
                                                           androidx.appcompat.app.AppCompatActivity;
    startActivity(intent);
                                                           import android.content.Intent;
                                                           import android.os.Bundle;
  }
                                                           import android.view.View;
                                                           import android.widget.Button;
                                                           import android.widget.Toast;
                                                           import
CUSTOMER:
                                                           com.google.firebase.database.DatabaseReference;
package com.example.bookeasy;
public class Customer {
                                                           com.google.firebase.database.FirebaseDatabase;
  private String name;
                                                          public class Delete extends AppCompatActivity {
  private String email;
                                                             DatabaseReference dbRef;
  private String password;
  private String telephone;
                                                             Button delete;
  public Customer() {
                                                             @Override
                                                             protected void onCreate(Bundle
                                                           savedInstanceState) {
                                                               super.onCreate(savedInstanceState);
  public String getName() {
                                                               setContentView(R.layout.activity delete);
    return name;
                                                               delete = findViewById(R.id.delete);
  public String getEmail() {
                                                               dbRef=
    return email;
                                                          FirebaseDatabase.getInstance().getReference().chil
                                                           d("student").child("1");
  public String getPassword() {
                                                               delete.setOnClickListener(new
    return password;
                                                           View.OnClickListener(){
```

```
public String getQty() {
       public void onClick(View v){
                                                               return qty;
         dbRef=
FirebaseDatabase.getInstance().getReference().chil
d("student");
                                                             public void setQty(String qty) {
                                                               this.qty = qty;
         dbRef.child("1").removeValue();
         Toast.makeText(Delete.this, "
                                                             public String getType() {
Successfuly Removed",
                                                               return type;
Toast.LENGTH SHORT).show();
         Intent intent=new
                                                             public void setType(String type) {
Intent(Delete.this,Login.class);
                                                               this.type = type;
         startActivity(intent);
       }
                                                           FOODLIST:
    });
                                                           package com.example.bookeasy;
                                                           import androidx.annotation.NonNull;
                                                           import
                                                           androidx.appcompat.app.AppCompatActivity;
                                                           import android.content.Intent;
FOOD:
                                                           import android.os.Bundle;
                                                           import android.view.View;
package com.example.bookeasy;
                                                           import android.widget.TextView;
public class Food {
                                                           import
  private String foodname;
                                                           com.google.firebase.database.DataSnapshot;
  private String qty;
                                                           import
  private String type;
                                                           com.google.firebase.database.DatabaseError;
  private String price;
                                                           import
                                                           com.google.firebase.database.DatabaseReference;
  public String getPrice() {
                                                           import
    return price;
                                                           com.google.firebase.database.FirebaseDatabase;
                                                           import
                                                           com.google.firebase.database.ValueEventListener;
  public void setPrice(String price) {
    this.price = price;
                                                           public class food list extends AppCompatActivity
                                                             TextView fname,qty,type,price;
  public Food() {
                                                             DatabaseReference dbRef;
  public String getFoodname() {
                                                             @Override
                                                             protected void onCreate(Bundle
    return foodname;
                                                           savedInstanceState) {
                                                               super.onCreate(savedInstanceState);
  public void setFoodname(String foodname) {
                                                               setContentView(R.layout.activity_food_list);
    this.foodname = foodname;
                                                               fname= findViewById(R.id.fname);
```

```
qty= findViewById(R.id.qty);
                                                           Intent(this,foodHome.class);
    price= findViewById(R.id.price);
                                                               startActivity(intent);
    type= findViewById(R.id.type);
                                                             public void update(View view){
    dbRef =
FirebaseDatabase.getInstance().getReference().chil
                                                               Intent intent = new
d("Food").child("1");
                                                           Intent(this,foodUpdate.class);
    dbRef.addValueEventListener(new
                                                               startActivity(intent);
ValueEventListener() {
       @Override
       public void onDataChange(@NonNull
                                                             public void delete(View view){
DataSnapshot dataSnapshot) {
         String foodname =
                                                                Intent intent = new
dataSnapshot.child("foodname").getValue().toStrin
                                                           Intent(this,foodHome.class);
                                                               startActivity(intent);
g();
         String qtyf =
dataSnapshot.child("qty").getValue().toString();
         String typf =
                                                           FOOD HOME:
dataSnapshot.child("type").getValue().toString();
                                                           package com.example.bookeasy;
         int prz;
         String prizeS;
                                                           import
                                                           androidx.appcompat.app.AppCompatActivity;
         if(foodname.equals("Submarine")) {
                                                           import android.content.Intent;
            prz= Integer.parseInt(qtyf)*500;
                                                           import android.os.Bundle;
            prizeS = String.valueOf(prz);
                                                           import android.view.View;
         }else if(foodname.equals("Burger")){
                                                           public class foodHome extends
            prz= Integer.parseInt(qtyf)*300;
                                                           AppCompatActivity {
            prizeS = String.valueOf(prz);
                                                             @Override
          }else{
                                                             protected void onCreate(Bundle
            prz= Integer.parseInt(qtyf)*200;
                                                           savedInstanceState) {
            prizeS = String.valueOf(prz);
                                                                super.onCreate(savedInstanceState);
                                                           setContentView(R.layout.activity food home);
         fname.setText(foodname);
         qty.setText(qtyf);
         price.setText(prizeS);
                                                             public void orderFood(View view){
         type.setText(typf);
                                                               Intent main = new
       }
                                                           Intent(foodHome.this,orderFood.class);
                                                                startActivity(main);
       @Override
       public void on Cancelled (@NonNull
DatabaseError databaseError) {
                                                             public void orderFoodlist(View view){
       }
                                                                Intent main = new
    });
                                                           Intent(foodHome.this,food list.class);
                                                                startActivity(main);
  public void backFHome(View view){
                                                             public void MainAct(View view){
    Intent intent = new
```

```
Intent main = new
                                                         findViewById(R.id.packageRadioGroup);
                                                              update = findViewById(R.id.updateFood);
Intent(foodHome.this,appHome.class);
    startActivity(main);
                                                              //food radio
  }
                                                              food.setOnCheckedChangeListener(new
                                                         RadioGroup.OnCheckedChangeListener(){
FOOD UPDATE:
                                                                @Override
                                                                public void
package com.example.bookeasy;
                                                         onCheckedChanged(RadioGroup radioGroup, int i)
import androidx.annotation.NonNull;
import
                                                                   radioOption = food.findViewById(i);
androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
                                                                   switch (i) {
import android.os.Bundle;
import android.view.View;
                                                                     case R.id.Submarine:
import android.widget.Button;
                                                                       foodName =
import android.widget.EditText;
                                                         radioOption.getText().toString();
import android.widget.RadioButton;
                                                                       break;
import android.widget.RadioGroup;
import android.widget.TextView;
                                                                     case R.id.Burger:
import android.widget.Toast;
                                                                       foodName =
import
                                                         radioOption.getText().toString();
com.google.firebase.database.DataSnapshot;
                                                                       break;
com.google.firebase.database.DatabaseError;
                                                                     case R.id.Sandwich:
import
                                                                       foodName =
com.google.firebase.database.DatabaseReference;
                                                         radioOption.getText().toString();
import
                                                                       break;
com.google.firebase.database.FirebaseDatabase;
import
com.google.firebase.database.ValueEventListener;
                                                                     default:
public class foodUpdate extends
AppCompatActivity {
                                                              });
  EditText qty;
  TextView fname,type;
                                                              //food Type
  Button update;
                                                              ftype.setOnCheckedChangeListener(new
  Food foodClass;
                                                         RadioGroup.OnCheckedChangeListener() {
  RadioGroup ftype, food;
                                                                @Override
  RadioButton radioOption,radioOptionType;
                                                                public void
  String foodName,foodType;
                                                         onCheckedChanged(RadioGroup radioGroup, int i)
  DatabaseReference dbRef;
  @Override
                                                                   radioOptionType =
  protected void onCreate(Bundle
                                                         ftype.findViewById(i);
savedInstanceState) {
    super.onCreate(savedInstanceState);
                                                                  switch (i) {
setContentView(R.layout.activity food update);
                                                                     case R.id.Veg:
                                                                       foodType =
    fname = findViewById(R.id.flav);
                                                         radioOptionType.getText().toString();
    type=findViewById(R.id.typeUpdate);
                                                                       break;
    qty = findViewById(R.id.qty);
    ftype = findViewById(R.id.prefRadioGrp);
                                                                     case R.id.Non Veg:
    food =
```

```
foodType =
                                                                    foodClass.setType(foodType.trim());
                                                                    // foodClass.setPrice(prize.trim());
radioOptionType.getText().toString();
              break;
            default:
                                                                    dbRef.child("1").setValue(foodClass);
                                                                    Toast.makeText(foodUpdate.this, "Order
                                                           Update Successfully",
                                                           Toast.LENGTH LONG).show();
    });
                                                                    Intent intent = new
                                                           Intent(foodUpdate.this,food list.class);
    //show oreder details
                                                                    startActivity(intent);
    dbRef =
                                                                  }
FirebaseDatabase.getInstance().getReference().chil
                                                               });
d("Food").child("1");
    dbRef. add Value Event Listener (new \\
ValueEventListener() {
       @Override
                                                           LOGIN:
       public void onDataChange(@NonNull
DataSnapshot dataSnapshot) {
                                                           package com.example.bookeasy;
         String foodname =
                                                           import androidx.annotation.NonNull;
dataSnapshot.child("foodname").getValue().toStrin
                                                           import
g();
                                                           androidx.appcompat.app.AppCompatActivity;
         String qtyf =
dataSnapshot.child("qty").getValue().toString();\\
                                                           import android.content.Intent;
         String typf =
                                                           import android.os.Bundle;
dataSnapshot.child("type").getValue().toString();
                                                           import android.view.View;
         fname.setText(foodname);
                                                           import android.widget.Button;
         qty.setText(qtyf);
                                                           import android.widget.EditText;
         type.setText(typf);
                                                           import android.widget.Toast;
       }
                                                           import
                                                           com.google.firebase.database.DataSnapshot;
       @Override
                                                           import
       public void onCancelled(@NonNull
                                                           com.google.firebase.database.DatabaseError;
DatabaseError databaseError) {
                                                           com.google.firebase.database.DatabaseReference;
                                                           import
    });
                                                           com.google.firebase.database.FirebaseDatabase;
                                                           import
    //send data to database
                                                           com.google.firebase.database.ValueEventListener;
    foodClass = new Food();
                                                           public class Login extends AppCompatActivity {
    update.setOnClickListener(new
View.OnClickListener() {
                                                             EditText email, password;
       @Override
                                                             Button button;
       public void onClick(View view) {
                                                             Customer customer;
                                                             String email1;
         dbRef=
                                                             String password1;
FirebaseDatabase.getInstance().getReference().chil
                                                             DatabaseReference dbref;
d("Food");
                                                             @Override
                                                             protected void onCreate(Bundle
foodClass.setFoodname(foodName.trim());
                                                          savedInstanceState) {
                                                               super.onCreate(savedInstanceState);
foodClass.setQty(qty.getText().toString().trim());
                                                               setContentView(R.layout.activity login);
```

```
password.getText().toString();
    email = findViewById(R.id.emaillog);
    password = findViewById(R.id.passwordlog);
                                                                if(inputEmail.equals(email1) &&
    button = findViewById(R.id.button);
                                                           inputPassword.equals(password1)) {
                                                                  return true;
    dbref =
                                                                }else if(inputEmail.isEmpty() ||
FirebaseDatabase.getInstance().getReference().chil
                                                           inputPassword.isEmpty()){
d("Customer").child("1");
                                                                  email.setError("Feild can't be empty");
                                                                  password.setError("Feild can't be empty");
    dbref.addValueEventListener(new
                                                                  return false;
ValueEventListener() {
                                                                }else{
       @Override
                                                                  return false;
       public void onDataChange(@NonNull
DataSnapshot dataSnapshot) {
         email1 =
                                                             public void ResetPassword(View view) {
dataSnapshot.child("email").getValue().toString();
                                                               Intent intent3 = new Intent(this,
         password1 =
                                                           ResetPassword.class);
dataSnapshot.child("password").getValue().toString
                                                                startActivity(intent3);
();
                                                             public void Register(View view) {
       @Override
                                                                Intent intent4 = new Intent(this,
       public void onCancelled(@NonNull
                                                           Register.class);
DatabaseError databaseError) {
                                                               startActivity(intent4);
       }
    });
    button.setOnClickListener(new
                                                           MAINACTIVITY:
View.OnClickListener() {
                                                           package com.example.bookeasy;
       @Override
       public void onClick(View view) {
         boolean x = validateLogin();
                                                           androidx.appcompat.app.AppCompatActivity;
         if(x==true){
                                                           import android.os.Bundle;
                                                           import android.content.Intent;
            Intent intent1 = new Intent(Login.this,
                                                           import android.view.View;
appHome.class);
            startActivity(intent1);
         }else{
            Toast.makeText(Login.this, "Invalid
                                                           public class MainActivity extends
                                                           AppCompatActivity {
email or password",
Toast.LENGTH_SHORT).show();
                                                             @Override
         }
                                                             protected void onCreate(Bundle
                                                           savedInstanceState) {
       }
                                                                super.onCreate(savedInstanceState);
    });
                                                                setContentView(R.layout.activity main);
                                                             }
                                                             public void Login(View view) {
  private boolean validateLogin(){
                                                               Intent intent1 = new Intent(this, Login.class);
                                                                startActivity(intent1);
    String inputEmail = email.getText().toString();
    String inputPassword =
```

```
public void Register(View view) {
                                                              //fqty =
    Intent intent2 = new Intent(this,
                                                          Integer.parseInt(qty.getText().toString());
Register.class);
    startActivity(intent2);
                                                              //food radio
                                                              food.setOnCheckedChangeListener(new
                                                          RadioGroup.OnCheckedChangeListener(){
ORDER FOOD:
                                                                 @Override
                                                                 public void
package com.example.bookeasy;
                                                          onCheckedChanged(RadioGroup radioGroup, int i)
androidx.appcompat.app.AppCompatActivity;
                                                                   radioOption = food.findViewById(i);
import android.content.Intent;
                                                                   switch (i) {
import android.os.Bundle;
import android.view.View;
                                                                      case R.id.Submarine:
import android.widget.Button;
                                                                        foodName =
import android.widget.EditText;
                                                          radioOption.getText().toString();
import android.widget.RadioButton;
import android.widget.RadioGroup;
                                                                        break;
import android.widget.Toast;
import
                                                                      case R.id.Burger:
com.google.firebase.database.DatabaseReference;
                                                                        foodName =
import
                                                          radioOption.getText().toString();
com.google.firebase.database.FirebaseDatabase;
                                                                        break;
public class orderFood extends AppCompatActivity
                                                                      case R.id.Sandwich:
                                                                        foodName =
  RadioButton radioOption, radioOptionType;
                                                          radioOption.getText().toString();
  RadioGroup food, ftype;
  EditText qty;
                                                                        break;
  Button send;
  Food foodClass;
                                                                   default:
  DatabaseReference dbRef;
                                                                        foodName="not work";
  String prize,qtyString;
  String qtyFood,totPrize;
  String foodName;
  String foodType;
                                                              });
  Integer prizeq;
  Integer fqty;
                                                              //food Type
  String prizef;
                                                              ftype.setOnCheckedChangeListener(new
                                                          RadioGroup.OnCheckedChangeListener() {
                                                                 @Override
  @Override
                                                                 public void
  protected void onCreate(Bundle
                                                          onCheckedChanged(RadioGroup radioGroup, int i)
savedInstanceState) {
                                                          {
    super.onCreate(savedInstanceState);
                                                                   radioOptionType =
setContentView(R.layout.activity order food);
                                                          ftype.findViewById(i);
    food =
findViewById(R.id.packageRadioGroup);
                                                                   switch (i) {
    qty = findViewById(R.id.qty);
    ftype = findViewById(R.id.prefRadioGrp);
                                                                      case R.id.Veg:
    send = findViewById(R.id.next);
```

```
foodType =
radioOptionType.getText().toString();
                                                               if(qtyF.isEmpty()){
              break;
                                                                 qty.setError("Feild can't be empty");
           case R.id.Non Veg:
                                                                 return false;
              foodType =
                                                               }else{
                                                                 return true;
radioOptionType.getText().toString();
              break;
                                                             }
           default:
              foodType="not work";
                                                          }
                                                          PROFILE:
    });
                                                          package com.example.bookeasy;
                                                          import androidx.annotation.NonNull;
    //send data to database
    foodClass = new Food();
                                                          import
                                                          androidx.appcompat.app.AppCompatActivity;
                                                          import android.content.Intent;
    send.setOnClickListener(new
View.OnClickListener() {
                                                          import android.os.Bundle;
                                                          import android.view.View;
       @Override
                                                          import android.widget.Button;
       public void onClick(View view) {
                                                          import android.widget.TextView;
                                                          import android.widget.Toast;
         boolean check = validateForm();
                                                          import
                                                          com.google.firebase.database.DataSnapshot;
         if (check == true) {
                                                          com.google.firebase.database.DatabaseError;
           dbRef=
FirebaseDatabase.getInstance().getReference().chil
d("Food");
                                                          com.google.firebase.database.DatabaseReference;
                                                          import
                                                          com.google.firebase.database.FirebaseDatabase;
foodClass.setFoodname(foodName.trim());
                                                          import
                                                          com.google.firebase.database.ValueEventListener;
foodClass.setQty(qty.getText().toString().trim());
            foodClass.setType(foodType.trim());
                                                          public class Profile extends AppCompatActivity {
                                                            TextView name, email, password, telephone;
           dbRef.child("1").setValue(foodClass);
                                                             DatabaseReference dbRef;
           Toast.makeText(orderFood.this,
                                                            Customer customer;
                                                             Button update;
"Ordered Successfully",
Toast.LENGTH LONG).show();
                                                             @Override
           Intent main = new
                                                            protected void onCreate(Bundle
Intent(orderFood.this, food list.class);
                                                          savedInstanceState) {
            startActivity(main);
                                                               super.onCreate(savedInstanceState);
                                                               setContentView(R.layout.activity profile);
       }
    });
                                                               name = findViewById(R.id.name);
                                                               email = findViewById(R.id.email);
                                                               password = findViewById(R.id.password);
  private boolean validateForm(){
                                                               telephone = findViewById(R.id.telephone);
                                                               update = findViewById(R.id.save);
    String qtyF = qty.getText().toString();
```

```
dbRef =
                                                          ().trim());
FirebaseDatabase.getInstance().getReference().chil
d("Customer").child("1");
                                                                    dbRef.child("1").setValue(customer);
                                                                    Toast.makeText(Profile.this, "Update
    dbRef.addValueEventListener(new
                                                           Successfuly.....",
                                                           Toast.LENGTH SHORT).show();
ValueEventListener() {
       @Override
       public void onDataChange(@NonNull
DataSnapshot dataSnapshot) {
                                                                  }
         String name1 =
dataSnapshot.child("name").getValue().toString();
                                                               });
         String email1 =
dataSnapshot.child("email").getValue().toString();
         String password1 =
dataSnapshot.child("password").getValue().toString
                                                             public void Delete(View view) {
                                                               Intent intent4 = new Intent(this, Delete.class);
();
         String telephone1 =
                                                               startActivity(intent4);
dataSnapshot.child("telephone").getValue().toStrin
                                                             }
                                                             public void Home(View view) {
         name.setText(name1);
                                                               Intent intent4 = new Intent(this, Login.class);
         email.setText(email1);
                                                               startActivity(intent4);
         password.setText(password1);
         telephone.setText(telephone1);
                                                          REGISTER:
       }
                                                          package com.example.bookeasy;
       @Override
       public void onCancelled(@NonNull
                                                           import
DatabaseError databaseError) {
                                                           androidx.appcompat.app.AppCompatActivity;
       }
                                                           import android.content.Intent;
    });
                                                           import android.os.Bundle;
                                                           import android.util.Patterns;
    customer = new Customer();
                                                           import android.view.View;
                                                           import android.widget.Button;
    update.setOnClickListener(new
                                                           import android.widget.EditText;
View.OnClickListener(){
                                                           import android.widget.Toast;
       public void onClick(View v){
                                                           import
                                                           com.google.firebase.database.DatabaseReference;
         dbRef=
                                                           import
FirebaseDatabase.getInstance().getReference().chil
                                                           com.google.firebase.database.FirebaseDatabase;
d("Customer");
                                                           public class Register extends AppCompatActivity {
customer.setName(name.getText().toString().trim()
                                                             EditText name, email, password, telephone;
                                                             Button signup;
                                                             Customer customer;
customer.setEmail(email.getText().toString().trim()
                                                             DatabaseReference dbRef;
);
                                                             @Override
customer.setPassword(password.getText().toString(
                                                             protected void onCreate(Bundle
).trim());
                                                          savedInstanceState) {
                                                               super.onCreate(savedInstanceState);
customer.setTelephone(telephone.getText().toString
                                                               setContentView(R.layout.activity register);
```

```
name = findViewById(R.id.name);
    email = findViewById(R.id.email);
                                                               if(inputEmail.isEmpty() ||
    password = findViewById(R.id.password);
                                                           inputName.isEmpty() || inputPassword.isEmpty() ||
    telephone = findViewById(R.id.telephone);
                                                           inputTelephone.isEmpty() ){
                                                                  email.setError("Feild can't be empty");
    signup = findViewById(R.id.signup);
                                                                  name.setError("Feild can't be empty");
                                                                  password.setError("Feild can't be empty");
    customer = new Customer();
                                                                  telephone.setError("Feild can't be empty
    signup.setOnClickListener(new
                                                           !");
View.OnClickListener(){
                                                                  return false;
                                                                }else
                                                           if(!Patterns.EMAIL ADDRESS.matcher(inputEma
       public void onClick(View v){
                                                           il).matches()){
         boolean x = validateForm();
                                                                  email.setError("Please enter a valid email
                                                           address");
         if(x == true) {
                                                                  return false;
            dbRef=
                                                                }else if(!(telephone.length()==10)){
FirebaseDatabase.getInstance().getReference().chil
                                                                  telephone.setError("Invalid Telephone
d("Customer");
                                                           Number");
                                                                  return false;
                                                                }else{
customer.setName(name.getText().toString().trim()
                                                                  email.setError(null);
                                                                  return true;
);
customer.setEmail(email.getText().toString().trim()
                                                             }
                                                             public void Login(View view) {
                                                               Intent intent1 = new Intent(this, Login.class);
customer.setPassword(password.getText().toString(
).trim());
                                                                startActivity(intent1);
                                                             }
customer.setTelephone(telephone.getText().toString
().trim());
            dbRef.child("1").setValue(customer);
                                                           RESET PASSWORD:
            Toast.makeText(Register.this, "Data
Saved Successfuly",
                                                           package com.example.bookeasy;
Toast.LENGTH SHORT).show();
                                                           import
            Intent intent = new Intent(Register.this,
                                                           androidx.appcompat.app.AppCompatActivity;
Login.class);
                                                           import android.os.Bundle;
            startActivity(intent);
                                                           public class ResetPassword extends
                                                           AppCompatActivity {
       }
                                                             @Override
    });
                                                             protected void onCreate(Bundle
                                                           savedInstanceState) {
  private boolean validateForm(){
                                                                super.onCreate(savedInstanceState);
                                                           setContentView(R.layout.activity reset password);
    String inputEmail = email.getText().toString();
    String inputName = name.getText().toString();
    String inputPassword =
password.getText().toString();
                                                           ROOM:
    String inputTelephone =
```

telephone.getText().toString();

```
package com.example.bookeasy;
                                                          ROOMBOOKLIST:
                                                         package com.example.bookeasy;
public class Room {
                                                          import androidx.annotation.NonNull;
  private String checkinDate;
                                                          import
  private String checkoutDate;
                                                          androidx.appcompat.app.AppCompatActivity;
  private String packages;
  private String noOfRoom;
                                                          import android.content.Intent;
  private String preference;
                                                          import android.os.Bundle;
                                                          import android.view.View;
                                                          import android.widget.TextView;
  public Room() {
                                                          import
                                                          com.google.firebase.database.DataSnapshot;
  public String getCheckinDate() {
                                                          import
    return checkinDate;
                                                          com.google.firebase.database.DatabaseError;
                                                          import
                                                          com.google.firebase.database.DatabaseReference;
  public void setCheckinDate(String checkinDate)
                                                          import
                                                          com.google.firebase.database.FirebaseDatabase;
    this.checkinDate = checkinDate;
                                                          import
                                                          com.google.firebase.database.ValueEventListener;
  public String getCheckoutDate() {
                                                          public class roomBookList extends
    return checkoutDate;
                                                          AppCompatActivity {
                                                            TextView cIn,cOut,rooms,pack,pref;
  public void setCheckoutDate(String
                                                            DatabaseReference dbRef;
checkoutDate) {
    this.checkoutDate = checkoutDate;
                                                            @Override
                                                            protected void onCreate(Bundle
  public String getPackages() {
                                                          savedInstanceState) {
    return packages;
                                                              super.onCreate(savedInstanceState);
                                                          setContentView(R.layout.activity room book list)
  public void setPackages(String packages) {
    this.packages = packages;
                                                              cIn = findViewById(R.id.checkInDate);
                                                              cOut = findViewById(R.id.checkOutDate);
  public String getNoOfRoom() {
                                                              pack = findViewById(R.id.packages);
    return noOfRoom;
                                                              rooms = findViewById(R.id.noRoom);
                                                              pref = findViewById(R.id.preference);
  public void setNoOfRoom(String noOfRoom) {
                                                              dbRef=
    this.noOfRoom = noOfRoom;
                                                          FirebaseDatabase.getInstance().getReference().chil
                                                          d("Room").child("1");
                                                              dbRef.addValueEventListener(new
  public String getPreference() {
                                                          ValueEventListener() {
    return preference;
                                                                 @Override
                                                                 public void onDataChange(@NonNull
                                                          DataSnapshot dataSnapshot) {
  public void setPreference(String preference) {
                                                                   String in =
    this.preference = preference;
                                                          dataSnapshot.child("checkinDate").getValue().toStr
                                                          ing();
}
```

```
String out =
                                                          AppCompatActivity {
dataSnapshot.child("checkoutDate").getValue().toS
tring();
                                                            @Override
         String pack s =
                                                            protected void onCreate(Bundle
dataSnapshot.child("packages").getValue().toString
                                                          savedInstanceState) {
                                                               super.onCreate(savedInstanceState);
();
         String nRoom =
dataSnapshot.child("noOfRoom").getValue().toStri
                                                          setContentView(R.layout.activity room home);
ng();
        String prefs =
dataSnapshot.child("preference").getValue().toStrin
                                                            public void bookRoom(View view){
g();
                                                               Intent intent = new
         cIn.setText(in);
                                                          Intent(roomHome.this,bookRoom.class);
         cOut.setText(out);
                                                               startActivity(intent);
         pack.setText(pack s);
         rooms.setText(nRoom);
         pref.setText(prefs);
                                                            public void bookList(View view){
                                                               Intent bList = new
                                                          Intent(roomHome.this,roomBookList.class);
       @Override
                                                               startActivity(bList);
       public void onCancelled(@NonNull
DatabaseError databaseError) {
                                                            public void MainAct(View view){
       }
    });
                                                               Intent main = new
                                                          Intent(roomHome.this,appHome.class);
                                                               startActivity(main);
  public void updateBook(View view){
                                                          START:
    Intent upBook = new
Intent(roomBookList.this,updateBooking.class);
                                                          package com.example.bookeasy;
    startActivity(upBook);
                                                          import
  public void backHome(View view){
                                                          androidx.appcompat.app.AppCompatActivity;
    Intent intent=new
Intent(roomBookList.this,appHome.class);
                                                          import android.content.Intent;
    startActivity(intent);
                                                          import android.os.Bundle;
  }
                                                          import android.view.View;
                                                          public class start extends AppCompatActivity {
ROOMHOME:
                                                            @Override
                                                            protected void onCreate(Bundle
package com.example.bookeasy;
                                                          savedInstanceState) {
                                                               super.onCreate(savedInstanceState);
import
                                                               setContentView(R.layout.activity start);
androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
                                                            public void startBooking(View view){
                                                               Intent intent = new Intent(start.this,
import android.view.View;
                                                          startBooking.class);
public class roomHome extends
                                                               startActivity(intent);
```

```
}
                                                            Calendar c;
                                                            DatePickerDialog dp;
  public void checkBooking(View view){
    Intent intent = new Intent(start.this,
                                                            Context context = this;
viewBookings.class);
    startActivity(intent);
                                                            @Override
                                                            protected void onCreate(Bundle
}
                                                          savedInstanceState) {
                                                               super.onCreate(savedInstanceState);
                                                          setContentView(R.layout.activity start booking);
STARTBOOKING:
package com.example.bookeasy;
                                                               date = findViewById(R.id.DateeditText);
                                                               time = findViewById(R.id.TimeeditText);
import
                                                               guest =
androidx.appcompat.app.AppCompatActivity;
                                                          findViewById(R.id.NoOfGuesteditText);
                                                               event = findViewById(R.id.specialEvents);
import android.app.DatePickerDialog;
                                                               location = findViewById(R.id.location);
import android.app.TimePickerDialog;
import android.content.Context;
                                                               done = findViewById(R.id.buttonNext);
import android.content.Intent;
import android.os.Bundle;
                                                              btn = (Button)
import android.view.View;
                                                          findViewById(R.id.UDatebutton);
import android.widget.Button;
                                                              TimeBtn = (Button)
import android.widget.DatePicker;
                                                          findViewById(R.id.UTimebutton);
import android.widget.EditText;
import android.widget.RadioButton;
                                                               Calendar calendar = Calendar.getInstance();
import android.widget.RadioGroup;
                                                               final int hour =
import android.widget.TimePicker;
                                                          calendar.get(Calendar.HOUR OF DAY);
import android.widget.Toast;
                                                               final int minute =
import
                                                          calendar.get(Calendar.MINUTE);
com.google.firebase.database.DatabaseReference;
import
com.google.firebase.database.FirebaseDatabase;
import java.util.Calendar;
                                                               event.setOnCheckedChangeListener(new
                                                          RadioGroup.OnCheckedChangeListener() {
public class startBooking extends
                                                                 @Override
AppCompatActivity {
                                                                 public void
                                                          onCheckedChanged(RadioGroup radioGroup, int i)
  EditText date;
  EditText time;
                                                                   radioOption = event.findViewById(i);
  EditText guest;
  RadioGroup event;
                                                                   switch (i){
  RadioGroup location;
  RadioButton radioOption;
                                                                      case R.id.radioBirthday:
  RadioButton radioOption2;
                                                                        eventType =
                                                          radioOption.getText().toString();
  Button done, btn, TimeBtn;
  DatabaseReference dbRef;
                                                                        break;
  Table tbl;
                                                                      case R.id.radioParty:
  private String eventType= "";
                                                                        eventType =
  private String locationType= "";
                                                          radioOption.getText().toString();
                                                                        break;
```

```
tbl.setDate(date.getText().toString().trim());
            default:
                                                           tbl.setTime(time.getText().toString().trim());
                                                           tbl.setGuest(guest.getText().toString().trim());
                                                                       tbl.setEvent(eventType.trim());
       }
                                                                       tbl.setLocation(locationType.trim());
     });
    location.setOnCheckedChangeListener(new
RadioGroup.OnCheckedChangeListener() {
                                                                       dbRef.child("tbl").setValue(tbl);
       @Override
       public void
                                                                       Toast.makeText(startBooking.this,
onCheckedChanged(RadioGroup radioGroup, int i)
                                                           "Data Saved Successfuly",
                                                           Toast.LENGTH SHORT).show();
                                                                       //clearControls();
         radioOption2 =
                                                                       Intent intent = new
location.findViewById(i);
                                                           Intent(startBooking.this, confirmedBooking.class);
                                                                       startActivity(intent);
         switch (i){
                                                                    }
            case R.id.radioIndoor:
              locationType =
                                                                  }
radioOption2.getText().toString();
                                                                });
              break;
            case R.id.radioOutdoor:
                                                               //Date Picker
                                                               btn.setOnClickListener(new
              locationType =
radioOption2.getText().toString();
                                                           View.OnClickListener() {
              break;
                                                                  @Override
                                                                  public void onClick(View view) {
            default:
                                                                    c = Calendar.getInstance();
                                                                    int day =
                                                           c.get(Calendar.DAY OF MONTH);
                                                                    int month = c.get(Calendar.MONTH);
                                                                     int year = c.get(Calendar.YEAR);
    });
                                                                     dp = new
    tbl = new Table();
                                                           DatePickerDialog(startBooking.this, new
                                                           DatePickerDialog.OnDateSetListener() {
    done.setOnClickListener(new
                                                                       @Override
View.OnClickListener() {
                                                                       public void onDateSet(DatePicker
                                                           datePicker, int Year, int Month, int Date) {
       public void onClick(View v) {
                                                                         date.setText(Date + "/" + (Month+1)
                                                           + "/" + Year);
         boolean check = validateForm();
         if (check == true) {
                                                                     }, day, month, year);
            dbRef=
FirebaseDatabase.getInstance().getReference().chil
                                                                    dp.show();
d("Table");
```

```
});
     //Time Picker
     TimeBtn.setOnClickListener(new
View.OnClickListener() {
                                                             TABLE:
       @Override
       public void onClick(View view) {
                                                             package com.example.bookeasy;
         TimePickerDialog timePickerDialog =
new TimePickerDialog(context, new
                                                             public class Table {
TimePickerDialog.OnTimeSetListener() {
            @Override
                                                               private String date;
            public void onTimeSet(TimePicker
                                                               private String time;
timePicker, int hour, int minute) {
                                                               private String guest;
                                                               private String event;
               time.setText(hour + ":" + minute);
                                                               private String location;
         },hour,minute,
                                                               public Table() {
android.text.format.DateFormat.is24HourFormat(c
ontext));
                                                               }
         timePickerDialog.show();
                                                               public String getDate() {
                                                                 return date;
     });
                                                               public void setDate(String date) {
                                                                 this.date = date;
  }
                                                               public String getTime() {
  public void startWindow(View view){
                                                                 return time;
     Intent intent = new
Intent(startBooking.this,start.class);
                                                               public void setTime(String time) {
     startActivity(intent);
                                                                 this.time = time;
  }
                                                               public String getGuest() {
  private boolean validateForm(){
                                                                 return guest;
     String date t = date.getText().toString();
     String time t = time.getText().toString();
                                                               public void setGuest(String guest) {
     String guest t = guest.getText().toString();
                                                                 this.guest = guest;
     if(date_t.isEmpty() || time_t.isEmpty() ||
                                                               public String getEvent() {
guest_t.isEmpty()){
                                                                 return event;
       time.setError("Feild can't be empty");
       date.setError("Feild can't be empty");
       guest.setError("Feild can't be empty");
                                                               public void setEvent(String event) {
                                                                 this.event = event;
       return false;
     }else{
       return true;
                                                               public String getLocation() {
                                                                 return location;
  }
```

```
public void setLocation(String location) {
    this.location = location;
                                                            Calendar c;
                                                            DatePickerDialog dp;
                                                            @Override
                                                            protected void onCreate(Bundle
                                                          savedInstanceState) {
                                                              super.onCreate(savedInstanceState);
}
                                                         setContentView(R.layout.activity update booking)
UPDATEBOOKING:
                                                              in = findViewById(R.id.checkinText);
package com.example.bookeasy;
                                                              out = findViewById(R.id.checkoutText);
                                                              nRoom = findViewById(R.id.noRoom);
import androidx.annotation.NonNull;
                                                              pack =
import
                                                          findViewById(R.id.packageRadioGroup);
androidx.appcompat.app.AppCompatActivity;
                                                              pref = findViewById(R.id.prefRadioGrp);
                                                              packView = findViewById(R.id.packdata);
import android.app.DatePickerDialog;
                                                              prefView = findViewById(R.id.prefdata);
import android.content.Intent;
                                                              senDbBtn = findViewById(R.id.update);
import android.os.Bundle;
import android.view.View;
                                                              checkin = (Button)
import android.widget.Button;
                                                          findViewById(R.id.checkin);
import android.widget.CheckBox;
                                                              checkout = (Button)
import android.widget.DatePicker;
                                                          findViewById(R.id.checkout);
import android.widget.EditText;
import android.widget.RadioButton;
                                                              Calendar calendar = Calendar.getInstance();
import android.widget.RadioGroup;
import android.widget.TextView;
import android.widget.Toast;
                                                              dbRef =
                                                          FirebaseDatabase.getInstance().getReference().chil
import
                                                          d("Room").child("1");
com.google.firebase.database.DataSnapshot;
                                                              dbRef.addValueEventListener(new
import
                                                          ValueEventListener() {
com.google.firebase.database.DatabaseError;
                                                                 @Override
import
                                                                 public void onDataChange(@NonNull
com.google.firebase.database.DatabaseReference;
                                                          DataSnapshot dataSnapshot) {
import
                                                                   String cin =
com.google.firebase.database.FirebaseDatabase;
                                                          dataSnapshot.child("checkinDate").getValue().toStr
                                                          ing();
com.google.firebase.database.ValueEventListener;
                                                                   String cout =
                                                          dataSnapshot.child("checkoutDate").getValue().toS
import java.util.Calendar;
                                                          tring();
                                                                   String pack s =
public class updateBooking extends
                                                          dataSnapshot.child("packages").getValue().toString
AppCompatActivity {
                                                                   String room =
  EditText in,out,nRoom;
                                                          dataSnapshot.child("noOfRoom").getValue().toStri
  TextView packView,prefView;
                                                          ng();
  RadioGroup pack,pref;
                                                                   String pref s =
  RadioButton radioOption,radioOptionPref;
                                                          dataSnapshot.child("preference").getValue().toStrin
  Button senDbBtn, checkin, checkout;
                                                         g();
  String packType,prefType;
  Room room;
                                                                   in.setText(cin);
```

DatabaseReference dbRef;

```
out.setText(cout);
                                                          {
         nRoom.setText(room);
         packView.setText(pack_s);
                                                                   radioOption = pack.findViewById(i);
         prefView.setText(pref s);
                                                                   switch (i){
       }
                                                                      case R.id.gold:
       @Override
                                                                        packType =
       public void onCancelled(@NonNull
                                                          radioOption.getText().toString();
DatabaseError databaseError) {
                                                                        break;
      }
    });
                                                                      case R.id.silver:
                                                                        packType =
                                                          radioOption.getText().toString();
    //pref Radio
    pref.setOnCheckedChangeListener(new
                                                                        break;
RadioGroup.OnCheckedChangeListener() {
       @Override
                                                                      case R.id.regular:
       public void
                                                                        packType =
                                                          radioOption.getText().toString();
onCheckedChanged(RadioGroup radioGroup, int i)
                                                                        break:
         radioOptionPref = pref.findViewById(i);
                                                                      default:
         switch (i){
           case R.id.BreakFast Lunch:
              prefType =
radioOptionPref.getText().toString();
                                                               });
              break;
                                                              //send data to database
                                                              room = new Room();
           case R.id.Dinner:
              prefType =
                                                               senDbBtn.setOnClickListener(new
                                                          View.OnClickListener() {
radioOptionPref.getText().toString();
              break;
                                                                 @Override
                                                                 public void onClick(View view) {
           case R.id.All:
              prefType =
                                                                   dbRef =
radioOptionPref.getText().toString();
                                                          FirebaseDatabase.getInstance().getReference().chil
              break;
                                                          d("Room");
            default:
                                                          room.setCheckinDate(in.getText().toString().trim())
                                                          room.setCheckoutDate(out.getText().toString().trim
    });
                                                                   room.setPackages(packType.trim());
    //update
    //radio button
                                                          room.setNoOfRoom(nRoom.getText().toString().tri
    pack.setOnCheckedChangeListener(new
                                                          m());
RadioGroup.OnCheckedChangeListener() {
                                                                   room.setPreference(prefType.trim());
       @Override
       public void
                                                                   dbRef.child("1").setValue(room);
onCheckedChanged(RadioGroup radioGroup, int i)
                                                                   Toast.makeText(updateBooking.this,
```

```
"Update Successfully",
Toast.LENGTH LONG).show();
                                                                       out.setText(Date + "/" + (Month+1)
                                                         + "/" + Year);
         Intent bookList = new
Intent(updateBooking.this,roomBookList.class);
         startActivity(bookList);
                                                                   }, day, month, year);
       }
    });
                                                                   dp.show();
    checkin.setOnClickListener(new
View.OnClickListener() {
       @Override
                                                              });
       public void onClick(View view) {
                                                            }
         c = Calendar.getInstance();
         int day =
c.get(Calendar.DAY_OF_MONTH);
                                                         UPDATEBOOKINGT:
         int month = c.get(Calendar.MONTH);
         int year = c.get(Calendar.YEAR);
                                                         package com.example.bookeasy;
         dp = new
                                                         import androidx.annotation.NonNull;
DatePickerDialog(updateBooking.this, new
                                                         import
DatePickerDialog.OnDateSetListener() {
                                                         androidx.appcompat.app.AppCompatActivity;
           @Override
           public void onDateSet(DatePicker
                                                         import android.app.DatePickerDialog;
datePicker, int Year, int Month, int Date) {
                                                         import android.app.TimePickerDialog;
                                                         import android.content.Context;
              in.setText(Date + "/" + (Month+1) +
                                                         import android.content.Intent;
"/" + Year);
                                                         import android.os.Bundle;
                                                         import android.view.View;
                                                         import android.widget.Button;
         }, day, month, year);
                                                         import android.widget.DatePicker;
                                                         import android.widget.EditText;
         dp.show();
                                                         import android.widget.TimePicker;
                                                         import android.widget.Toast;
                                                         import
    });
                                                         com.google.firebase.database.DataSnapshot;
                                                         import
    checkout.setOnClickListener(new
                                                         com.google.firebase.database.DatabaseError;
View.OnClickListener() {
       @Override
                                                         com.google.firebase.database.DatabaseReference;
       public void onClick(View view) {
                                                         com.google.firebase.database.FirebaseDatabase;
         c = Calendar.getInstance();
                                                         import
         int day =
                                                         com.google.firebase.database.ValueEventListener;
c.get(Calendar.DAY_OF_MONTH);
         int month = c.get(Calendar.MONTH);
                                                         import java.util.Calendar;
         int year = c.get(Calendar.YEAR);
                                                         public class updateBookingT extends
         dp = new
                                                         AppCompatActivity {
DatePickerDialog(updateBooking.this, new
DatePickerDialog.OnDateSetListener() {
                                                            EditText
           @Override
                                                         editDate,editTime,editGuest,editEvent,editLocation
           public void onDateSet(DatePicker
datePicker, int Year, int Month, int Date) {
                                                            DatabaseReference dbRef;
```

```
dataSnapshot.child("time").getValue().toString();
                                                                     String Eguest =
  Table tbl:
                                                           dataSnapshot.child("guest").getValue().toString();
  Button update;
  //Button delete;
                                                                     String Eevent =
                                                           dataSnapshot.child("event").getValue().toString();
  Button delete, Datebtn, TmBtn;
                                                                     String Elocation =
                                                           dataSnapshot.child("location").getValue().toString(
  Calendar c;
  DatePickerDialog dp;
                                                                     //String pref 1=
                                                           dataSnapshot.child("lunch").getValue().toString();
  Context context = this;
                                                                     //String pref d =
                                                           dataSnapshot.child("dinner").getValue().toString();
  @Override
                                                                     editDate.setText(Edate);
  protected void onCreate(Bundle
                                                                     editTime.setText(Etime);
savedInstanceState) {
                                                                     editGuest.setText(Eguest);
    super.onCreate(savedInstanceState);
                                                                     editEvent.setText(Eevent);
                                                                     editLocation.setText(Elocation);
                                                                     //pref.setText(pref b+", "+pref l+" and
setContentView(R.layout.activity update booking
                                                           "+pref_d);
_t);
    editDate = findViewById(R.id.UpdateDate);
    editTime = findViewById(R.id.UpdateTime);
                                                                  @Override
    editGuest = findViewById(R.id.UpdateGuest);
                                                                  public void onCancelled(@NonNull
    editEvent = findViewById(R.id.UpdateEvent);
                                                           DatabaseError databaseError) {
    editLocation =
findViewById(R.id.UpdateLocation);
                                                                });
    update =
                                                                tbl = new Table();
findViewById(R.id.updateBtnNextR);
    delete = findViewById(R.id.deleteBtnNext);
                                                                update.setOnClickListener(new
                                                           View.OnClickListener() {
    Datebtn = (Button)
findViewById(R.id.UDatebutton);
                                                                  public void onClick(View v) {
    TmBtn = (Button)
findViewById(R.id.UTimebutton);
                                                                     dbRef =
                                                           FirebaseDatabase.getInstance().getReference().chil
    Calendar calendar = Calendar.getInstance();
                                                           d("Table");
    final int hour =
                                                           tbl.setDate(editDate.getText().toString().trim());
calendar.get(Calendar.HOUR OF DAY);
                                                           tbl.setTime(editTime.getText().toString().trim());
                                                           tbl.setGuest(editGuest.getText().toString().trim());
    final int minute =
calendar.get(Calendar.MINUTE);
                                                           tbl.setEvent(editEvent.getText().toString().trim());
                                                           tbl.setLocation(editLocation.getText().toString().tri
    dbRef =
                                                           m());
FirebaseDatabase.getInstance().getReference().chil
                                                                     dbRef.child("tbl").setValue(tbl);
d("Table").child("tbl");
    dbRef.addValueEventListener(new
                                                           //dbRef.push().child("Table").setValue("Male");
ValueEventListener() {
                                                           dbRef.push().child("tbl").setValue("eventType");
       @Override
       public void onDataChange(@NonNull
DataSnapshot dataSnapshot) {
                                                                     Toast.makeText(updateBookingT.this,
         String Edate =
                                                           "Data Updated Successfuly",
dataSnapshot.child("date").getValue().toString();
                                                           Toast.LENGTH_SHORT).show();
         String Etime =
                                                                     //clearControls();
```

```
Intent intent = new
                                                                   dp.show();
Intent(updateBookingT.this,viewBookings.class);
         startActivity(intent);
       }
                                                              });
    });
                                                              TmBtn.setOnClickListener(new
                                                          View.OnClickListener() {
    delete.setOnClickListener(new
                                                                 @Override
View.OnClickListener() {
                                                                 public void onClick(View view) {
       @Override
       public void onClick(View view) {
                                                                   TimePickerDialog timePickerDialog =
                                                          new TimePickerDialog(context, new
                                                          TimePickerDialog.OnTimeSetListener() {
         //deleteTbl();
                                                                     @Override
         //dbRef =
                                                                     public void onTimeSet(TimePicker
FirebaseDatabase.getInstance().getReference().chil
                                                          timePicker, int hour, int minute) {
d("Table");
                                                                        editTime.setText(hour + ":" +
         dbRef.removeValue();
                                                          minute);
         //dbRef.child("tbl").removeValue();
         Toast.makeText(updateBookingT.this,
                                                                   },hour,minute,
"Data Deleted Successfuly",
                                                          android.text.format.DateFormat.is24HourFormat(c
Toast.LENGTH SHORT).show();
                                                          ontext));
         Intent intent = new
                                                                   timePickerDialog.show();
Intent(updateBookingT.this,startBooking.class);
         startActivity(intent);
                                                              });
      }
    });
                                                          VIEWBOOKINGS:
    Datebtn.setOnClickListener(new
View.OnClickListener() {
                                                         package com.example.bookeasy;
       @Override
       public void onClick(View view) {
                                                          import androidx.annotation.NonNull;
         c = Calendar.getInstance();
                                                          import
         int day =
                                                          androidx.appcompat.app.AppCompatActivity;
c.get(Calendar.DAY_OF_MONTH);
         int month = c.get(Calendar.MONTH);
                                                          import android.content.Intent;
         int year = c.get(Calendar.YEAR);
                                                          import android.os.Bundle;
                                                          import android.view.View;
         dp = new
                                                          import android.widget.Button;
DatePickerDialog(updateBookingT.this, new
                                                          import android.widget.TextView;
DatePickerDialog.OnDateSetListener() {
                                                          import android.widget.Toast;
           @Override
                                                          import
           public void onDateSet(DatePicker
                                                          com.google.firebase.database.DatabaseError;
datePicker, int Year, int Month, int Date) {
                                                          import
                                                          com.google.firebase.database.DatabaseReference;
              editDate.setText(Date + "/" +
                                                          import
(Month+1) + "/" + Year);
                                                          com.google.firebase.database.FirebaseDatabase;
                                                          import
                                                          com.google.firebase.database.DataSnapshot;
         }, day, month, year);
                                                          com.google.firebase.database.ValueEventListener;
```

```
public class viewBookings extends
                                                            , "+pref l+" and "+pref d);
AppCompatActivity {
                                                                    //Intent intent = new
  TextView date,time,guest,event,location;
                                                           Intent(viewBookings.this,updateBooking.class);
                                                                     //startActivity(intent);
  //Table tbl:
  DatabaseReference dbRef;
  Button delete:
                                                                  @Override
                                                                  public void onCancelled(@NonNull
                                                           DatabaseError databaseError) {
  @Override
  protected void onCreate(Bundle
                                                                  }
savedInstanceState) {
                                                                });
    super.onCreate(savedInstanceState);
                                                                delete.setOnClickListener(new
setContentView(R.layout.activity_view_bookings);
                                                           View.OnClickListener() {
                                                                  @Override
    date = findViewById(R.id.dateView);
                                                                  public void onClick(View view) {
    time = findViewById(R.id.timeView);
    guest = findViewById(R.id.guestView);
                                                                     //deleteTbl();
    event = findViewById(R.id.EventView);
    location = findViewById(R.id.LocationView);
                                                                     //dbRef =
                                                           FirebaseDatabase.getInstance().getReference().chil
    delete = findViewById(R.id.deleteBtnNext);
                                                           d("Table");
                                                                     dbRef.removeValue();
    dbRef =
FirebaseDatabase.getInstance().getReference().chil
                                                                     //dbRef.child("tbl").removeValue();
d("Table").child("tbl");
                                                                     Toast.makeText(viewBookings.this,
    dbRef.addValueEventListener(new
                                                           "Data Deleted Successfuly",
ValueEventListener() {
                                                           Toast.LENGTH SHORT).show();
       @Override
       public void onDataChange(@NonNull
                                                                     Intent intent = new
DataSnapshot dataSnapshot) {
                                                           Intent(viewBookings.this,startBooking.class);
         String Sdate =
                                                                     startActivity(intent);
dataSnapshot.child("date").getValue().toString();
         String Stime =
                                                                  }
dataSnapshot.child("time").getValue().toString();
                                                                });
         String Squest =
dataSnapshot.child("guest").getValue().toString();\\
         String Sevent =
dataSnapshot.child("event").getValue().toString();
         String Slocation =
dataSnapshot.child("location").getValue().toString(
                                                             public void update(View v){
                                                                Intent intent = new
);
         //String pref 1 =
                                                           Intent(viewBookings.this,updateBookingT.class);
dataSnapshot.child("lunch").getValue().toString();\\
                                                                startActivity(intent);
         //String pref d =
dataSnapshot.child("dinner").getValue().toString();
         date.setText(Sdate);
         time.setText(Stime);
         guest.setText(Sguest);
         event.setText(Sevent);
         location.setText(Slocation);
         //pref.setText(pref b+"
```

OUTPUT:



















