Appendix

XML File	JAVA File	Description
Activity_check0	Check_0.java	These files are used to give a landing page to the application. These files contain the source codes which helps application to start.
Activity_login	Login.java	These files allow user to enter credentials for login inside the application.
Activity_login2	Login2.java	These files provides the way for user to create a new password if user forgot the password.
Activity_register	Register.java	These files provides facility to new users who wants to register in the application.
Activity_verify	Verify.java	These files used to verify the user who enter the received OPT by the application for the authentication purpose.
Activity_profile	Profile.java	These files allow users to create their profile for the application by entering the required personal information.
Activity_home	Home.java	This file is the main source files which has all the information about applications as it is the main home screen of the application where all the functionalities are placed.
Activity_viewprofile	Viewprofile.java	These files are created to display the details of the user who just registered in the applications and entered the details in the profile page.
Activity_editprofile	Editprofile.java	These files allow user to edit the details that user entered during the registration process.
Activity_maps	Mapsactivity.java	These files give a google map which shows the current location of the user in the

		map and available nearby fire vehicles which user can book and see the live navigation to the user location.
Activity_help	Help.java	These files provides the information about the help like how user can get the any kind of help from the application.
Activity_about	About.java	These files provides the information about the application like what is this application and some further information about the application.
Activity_history	History.java	These files user to store the details about the use of application like it keep tracks of history about how many times user use this application to get help in any fire emergency.
Activity_feedback	Feedback.java	These files are used to store the data of user feedback which store the long text formatted feedback by user.

File name	XML code	JAVA code

Activity_check0	`<TextView`
	
	`android:layout_width="match_parent"`
	`    android:layout_height="0dp"`
	`    android:layout_weight="1"/>`
	`  <ImageView`
	`    android:layout_width="300dp"`
	`    android:layout_height="300dp"`
	`    android:layout_gravity="center"`
	
	`android:background="@drawable/fire1"/`
	`>`
	`    <TextView`
		`@Override`
		`    protected void onCreate(Bundle savedInstanceState) {`
		
		`super.onCreate(savedInstanceState);`
		
		`setContentView(R.layout.activity_check_0);`
		
		`        Thread thread = new Thread() {`

	android:layout_width="match_parent"
	android:layout_height="0dp"
	android:layout_weight="1"/>
		@Override
		public void run() {
		super.run();
		
		try {
		sleep(2000);
		
		} catch
		(InterruptedException e) {
		
		e.printStackTrace();
		} finally {
		Intent intent = new
		Intent(Check_0.this, Login.class);
		startActivity(intent);

Activity_login	<LinearLayout
	
	android:layout_width="match_parent"
	
	android:layout_height="wrap_content"
	
	android:layout_marginTop="20dp"
	android:orientation="vertical">
	
	<Button
	
	android:layout_width="200dp"
	
	android:layout_height="wrap_content"
	android:textSize="25dp"
	android:text="Login"
	android:textStyle="bold"
	android:id="@+id/login"
	
	android:textColor="#000000"
	
	android:background="@drawable/edittex
	t5"
	
	android:layout_gravity="center"
	
	android:layout_marginTop="10dp" />
	</LinearLayout>
	
	</LinearLayout>
		Button login =
		(Button)findViewById(R.id.login)
		;
		
		login.setOnClickListener(new
		View.OnClickListener() {
		@Override
		public void onClick(View
		view) {
		Intent i1 = new
		Intent(Login.this,Home.class);
		startActivity(i1);
		}
		});

Activity_login2	<LinearLayout android:layout_width="match_parent" android:layout_height="wrap_content"	public class Login2 extends AppCompatActivity { EditText ed1;

	android:layout_gravity="center"
	android:orientation="vertical">
	
	<EditText
	
	android:layout_width="match_parent"
	
	android:layout_height="50dp"
	android:hint="Enter Contact Number"
	android:textSize="20dp"
	
	android:inputType="number"
	android:id="@+id/ed1"
	
	android:layout_gravity="center"
	
	android:layout_marginTop="70dp"
	
	android:background="@drawable/edittext2"/>
	</LinearLayout>
	
	<LinearLayout
	
	android:layout_width="match_parent"
	
	android:layout_height="wrap_content"
	
	android:layout_marginTop="50dp"
	android:orientation="vertical">
	
	<Button
	
	android:layout_width="200dp"
	
	android:layout_height="50dp"
	android:text="Submit"
	android:textSize="20dp"
	
	android:layout_gravity="center"
	
	android:textAlignment="center"
	android:id="@+id/sbm"
	
	android:layout_marginTop="30dp"
	android:textStyle="bold"
		Button sbm;
		
		 @Override
		 protected void onCreate(Bundle savedInstanceState) {
		
		super.onCreate(savedInstanceState);
		
		setContentView(R.layout.activity_login2);
		
		 ed1 = (EditText) findViewById(R.id.ed1);
		 sbm = (Button) findViewById(R.id.sbm);
		
		 sbm.setOnClickListener(new View.OnClickListener() {
		 @Override
		 public void onClick(View view) {
		
		 Intent i1 = new Intent(Login2.this,Login.class);
		 startActivity(i1);
		 }
		 });
		 }
		}

	android:textColor="#000000" android:background="@drawable/edittext5"/> </LinearLayout>	
Activity_register	```xml <LinearLayout android:layout_width="match_parent" android:layout_height="wrap_content" android:layout_marginTop="50dp" android:orientation="vertical"> <EditText android:layout_width="match_parent" android:layout_height="50dp" android:hint="Enter Contact Number" android:textSize="20dp" android:inputType="number" android:id="@+id/gcontact" android:layout_gravity="center" android:layout_marginTop="10dp" android:background="@drawable/edittext2"/> </LinearLayout> <LinearLayout android:layout_width="match_parent" android:layout_height="wrap_content" android:layout_marginTop="50dp" android:orientation="vertical"> <Button android:layout_width="200dp" android:layout_height="50dp" ```	```java public class Register extends AppCompatActivity { @Override protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity_register); final EditText gcontact = (EditText)findViewById(R.id.gcontact); Button motp = (Button)findViewById(R.id.otp); motp.setOnClickListener(new View.OnClickListener() { @Override public void onClick(View view) { Intent i1 = new Intent(Register.this,Verify.class); startActivity(i1); } }); } } ```

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	android:text="Generate OTP" android:textSize="20dp" android:textStyle="bold" android:textColor="#000000" android:layout_gravity="center" android:id="@+id/otp" android:layout_marginTop="30dp" android:background="@drawable/edittext5"/> </LinearLayout>	

Activity_verify	<LinearLayout
	
	 android:layout_width="match_parent"
	
	 android:layout_height="wrap_content"
	 android:orientation="vertical">
	
	 <EditText
	
	 android:layout_width="match_parent"
	
	 android:layout_height="match_parent"
	 android:hint="Enter OTP Number"
	 android:textSize="20dp"
	 android:id="@+id/otptext"
	
	 android:inputType="number"
	
	 android:background="@drawable/edittext2"
	
	 android:layout_gravity="center"
	
	 android:layout_marginTop="50dp"/>
	 </LinearLayout>
	
	 <LinearLayout
	
	 android:layout_width="match_parent"
	
	 android:layout_height="wrap_content"
		public class Verify extends AppCompatActivity {
		
		 @Override
		 protected void onCreate(Bundle savedInstanceState) {
		
		 super.onCreate(savedInstanceState);
		
		 setContentView(R.layout.activity_verify);
		
		 Button mresend = (Button)findViewById(R.id.resend);
		 Button mconfirm = (Button)findViewById(R.id.confirm);
		 final EditText otptext = (EditText)findViewById(R.id.otptext);
		
		 mconfirm.setOnClickListener(new View.OnClickListener() {
		 @Override
		 public void onClick(View view) {
		
		 Intent i1 = new Intent(Verify.this,Profile.class);
		 startActivity(i1);

	android:layout_marginTop="50dp"
	
	android:orientation="horizontal">
	
	        <Button
	          android:layout_width="0dp"
	
	android:layout_height="match_parent"
	
	android:background="@drawable/edittext5"
	          android:text="resend"
	          android:id="@+id/resend"
	          android:textStyle="bold"
	
	android:textColor="#000000"
	          android:textSize="20dp"
	
	android:layout_weight="1"/>
	        <TextView
	
	android:layout_width="10dp"
	
	android:layout_height="match_parent"
	/>
	        <Button
	          android:layout_width="0dp"
	
	android:layout_height="match_parent"
	          android:text="confirm"
	          android:id="@+id/confirm"
	          android:textStyle="bold"
	
	android:textColor="#000000"
	          android:textSize="20dp"
	
	android:background="@drawable/edittext5"
	
	android:layout_weight="1"/>
	
	    </LinearLayout>
		}
		    });
		  }
		}

Activity_profile	<LinearLayout
	
	android:layout_width="match_parent"
	
	android:layout_height="wrap_content"
	        android:orientation="vertical">
		public class Profile extends AppCompatActivity {
		
		    EditText ed1,ed2,ed3,ed4,ed5;
		    Button sv;

	<EditText
	
	android:layout_width="match_parent"
	
	android:layout_height="match_parent"
	
	android:layout_gravity="center"
	android:hint="Password"
	android:textSize="20dp"
	
	android:layout_marginTop="10dp"
	android:id="@+id/ed5"
	
	android:background="@drawable/edittext2"/>
	</LinearLayout>
	
	<LinearLayout
	
	android:layout_width="match_parent"
	
	android:layout_height="wrap_content"
	android:orientation="vertical">
	<Button
	
	android:layout_width="match_parent"
	
	android:layout_height="match_parent"
	android:text="Save"
	
	android:layout_gravity="center"
	android:id="@+id/sv"
	
	android:layout_marginTop="10dp"
	
	android:background="@drawable/edittext5"
	android:textSize="20dp"
	android:textStyle="bold"
	
	android:textColor="#000000"/>
	</LinearLayout>
		@Override
		protected void onCreate(Bundle savedInstanceState) {
		
		super.onCreate(savedInstanceState);
		
		setContentView(R.layout.activity_profile);
		
		ed1=(EditText)findViewById(R.id.ed1);
		
		ed2=(EditText)findViewById(R.id.ed2);
		
		ed3=(EditText)findViewById(R.id.ed3);
		
		ed4=(EditText)findViewById(R.id.ed4);
		
		ed5=(EditText)findViewById(R.id.ed5);
		
		sv=(Button)findViewById(R.id.sv);
		
		sv.setOnClickListener(new View.OnClickListener() {
		@Override
		public void onClick(View view) {
		
		Intent i1 = new Intent(Profile.this,Home.class);
		startActivity(i1);
		}
		});
		
		}
		}

Activity_home	<LinearLayout android:layout_width="0dp" android:layout_height="match_parent"	@Override public boolean onOptionsItemSelected(MenuItem item) {

```xml
                    android:orientation="vertical"
                    android:layout_weight="1">
                    <LinearLayout

android:layout_width="match_parent"
                        android:layout_height="0dp"
                        android:orientation="vertical"
                        android:layout_weight="1">
                        <Button

android:layout_width="match_parent"

android:layout_height="match_parent"
                            android:id="@+id/fire"

android:background="@drawable/images"/>
                    </LinearLayout>
                    <LinearLayout

android:layout_width="match_parent"
                        android:layout_height="0dp"
                        android:background="#fff000"
                        android:orientation="vertical"
                        android:layout_weight="0.2">
                        <TextView

android:layout_width="wrap_content"

android:layout_gravity="center"

android:layout_height="match_parent"
                            android:text="Fire"
                            android:textSize="22dp"
                            android:textStyle="bold"/>
                    </LinearLayout>
                </LinearLayout>
```

```java
        int id = item.getItemId();

        //noinspection
SimplifiableIfStatement
        if (id ==
R.id.action_settings) {

            AlertDialog.Builder
builder = new
AlertDialog.Builder(Home.this);

builder.setCancelable(false)
                    .setTitle("Logout")

.setPositiveButton("Yes", new
DialogInterface.OnClickListener()
{

                @Override
                public void
onClick(DialogInterface
dialogInterface, int i) {

                    Intent i1 = new
Intent(Home.this,Login.class);
                    startActivity(i1);
                }
            })

.setNegativeButton("No", new
DialogInterface.OnClickListener()
{
                @Override
                public void
onClick(DialogInterface
dialogInterface, int i) {

dialogInterface.cancel();
                }
            });
        AlertDialog alert =
builder.create();
        alert.setMessage("Do you
want to logout?");
        alert.show();

    }
```

		return super.onOptionsItemSelected(item);
		    }
		
		}

Activity_viewprofile	`<LinearLayout`
	
	`android:layout_width="0dp"`
	
	`android:layout_height="match_parent"`
	
	`android:orientation="vertical"`
	`android:layout_weight="2">`
	`<TextView`
	
	`android:layout_width="match_parent"`
	
	`android:layout_height="0dp"`
	
	`android:layout_weight="1"/>`
	`<TextView`
	
	`android:layout_width="wrap_content"`
	
	`android:layout_height="0dp"`
	`android:text="Username"`
	`android:textSize="20dp"`
	`android:id="@+id/tv1"`
	`android:textStyle="bold"`
	
	`android:textColor="#ffffff"`
	
	`android:layout_gravity="center"`
	
	`android:layout_weight="1"/>`
	`<TextView`
	
	`android:layout_width="match_parent"`
	
	`android:layout_height="0dp"`
	
	`android:layout_weight="1"/>`
	`</LinearLayout>`
		`public class Viewprofile extends AppCompatActivity {`
		
		`    @Override`
		`    protected void onCreate(Bundle savedInstanceState) {`
		
		`super.onCreate(savedInstanceState);`
		
		`setContentView(R.layout.activity_viewprofile);`
		
		`        Intent pr = getIntent();`
		
		`        ImageView p = (ImageView)findViewById(R.id.p);`
		
		`        p.setOnClickListener(new View.OnClickListener() {`
		`        @Override`
		`        public void onClick(View view) {`
		
		`            Intent i1 = new Intent(Viewprofile.this,Editprofile.class);`
		`            startActivity(i1);`
		`        }`
		`    });`
		
		`    }`
		`}`

Activity_editprofile	`<LinearLayout`
	
	`android:layout_width="match_parent"`
	
	`android:layout_height="wrap_content"`
	`android:layout_marginTop="0dp"`
		`public class Editprofile extends AppCompatActivity {`
		
		`    @Override`
		`    protected void onCreate(Bundle savedInstanceState) {`

	android:orientation="vertical">	super.onCreate(savedInstanceState);
	<ImageView android:layout_width="150dp"	setContentView(R.layout.activity_editprofile);
	android:layout_height="150dp" android:id="@+id/im1"	Intent i1 = getIntent();
	android:layout_gravity="center"	Button sb =(Button)findViewById(R.id.sb);
	android:background="@drawable/e"/>	sb.setOnClickListener(new View.OnClickListener() { @Override public void onClick(View view) {
	<LinearLayout android:layout_width="match_parent"	
	android:layout_height="wrap_content" android:orientation="vertical"> <EditText	Intent i1 = new Intent(Editprofile.this,Home.class); startActivity(i1); }
	android:layout_width="match_parent"	}); }
	android:layout_height="match_parent" android:hint="User name"	}
	android:layout_gravity="center" android:textSize="20dp"	
	android:layout_marginTop="10dp"	
	android:background="@drawable/edittext2" android:id="@+id/ed1"/> </LinearLayout>	
Activity_maps	<fragment xmlns:android="http://schemas.android.com/apk/ res/android"	public class MapsActivity extends FragmentActivity implements OnMapReadyCallback {
	xmlns:map="http://schemas.android.com/apk/ res-auto"	private GoogleMap mMap;
	xmlns:tools="http://schemas.android.com/ tools"	@Override protected void onCreate(Bundle savedInstanceState) {
	android:id="@+id/map"	super.onCreate(savedInstanceState);

	android:name="com.google.android.gms.maps.SupportMapFragment"
	   android:layout_width="match_parent"
	   android:layout_height="match_parent"
	
	tools:context="com.example.user.firesafetysystem.MapsActivity" />
		setContentView(R.layout.activity_maps);
		        SupportMapFragment mapFragment = (SupportMapFragment) getSupportFragmentManager()
		
		.findFragmentById(R.id.map);
		
		mapFragment.getMapAsync(this);
		   }
		
		  @Override
		  public void onMapReady(GoogleMap googleMap) {
		     mMap = googleMap;
		     LatLng prague = new LatLng(50.1006,14.3954);
		     mMap.addMarker(new MarkerOptions().position(prague)
		.title("Marker in Prague"));
		
		mMap.moveCamera(CameraUpdateFactory.newLatLng(prague));
		   }
		}

Activity_help	<LinearLayout
	
	android:layout_width="match_parent"
	
	android:layout_height="wrap_content"
	
	android:layout_marginTop="30dp"
	      android:orientation="vertical">
	
	     <TextView
	
	android:layout_width="match_parent"
	
	android:layout_height="70dp"
	     android:text="Contact No: +420 774037670 "
	     android:textSize="25dp"
	     android:textColor="#ffffff"
	
	android:layout_gravity="center"
		public class Help extends AppCompatActivity {
		
		  @Override
		  protected void onCreate(Bundle savedInstanceState) {
		
		super.onCreate(savedInstanceState);
		
		setContentView(R.layout.activity_help);
		
		    Intent hp = getIntent();
		  }
		}.

	android:layout_marginTop="10dp"/> </LinearLayout> <LinearLayout android:layout_width="match_parent" android:layout_height="wrap_content" android:layout_marginTop="30dp" android:orientation="vertical"> <TextView android:layout_width="match_parent" android:layout_height="70dp" android:text="Email Us : yoginvaniya2506@gmail.com" android:textSize="25dp" android:textColor="#ffffff" android:layout_gravity="center" android:layout_marginTop="10dp"/> </LinearLayout>	
Activity_about	<LinearLayout android:layout_width="match_parent" android:layout_height="wrap_content" android:layout_marginTop="10dp" android:orientation="vertical"> <TextView android:layout_width="wrap_content" android:layout_height="wrap_content" android:text="Fire Locater System is an application that is use to get quick response in any emergency. Fire	public class About extends AppCompatActivity { @Override protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity_about); Intent ab = getIntent(); } }

	locater system application is used to get any type of help in any trouble.You can book your fire vehicle for help by register once and also see live navigation of your booked fire vehicle.This application is based on real time application. You can submit your feedback after using this application." android:textStyle="bold" android:textColor="#ffffff" android:textSize="25dp"/> </LinearLayout>	

Activity_history	<LinearLayout
	
	 android:layout_width="wrap_content"
	
	 android:layout_height="wrap_content"
	 android:orientation="vertical"
	
	 android:layout_marginTop="10dp">
	
	 <TextView
	
	 android:layout_width="wrap_content"
	
	 android:layout_height="wrap_content"
	 android:text="Date-"
	 android:textSize="35dp"
	 android:textColor="#ffffff"
	 android:textStyle="bold"/>
	
	 <TextView
	
	 android:layout_width="wrap_content"
	
	 android:layout_height="wrap_content"
	 android:text="Time-"
	 android:textSize="35dp"
	 android:textColor="#ffffff"
	 android:textStyle="bold"/>
	
	 <TextView
	
	 android:layout_width="wrap_content"
	
	 android:layout_height="wrap_content"
	 android:text="RTO-"
	 android:textSize="35dp"
		public class History extends AppCompatActivity {
		
		 @Override
		 protected void onCreate(Bundle savedInstanceState) {
		
		 super.onCreate(savedInstanceState);
		
		 setContentView(R.layout.activity_history);
		
		 Intent hs = getIntent();
		 }
		 }.

	android:textColor="#ffffff" android:textStyle="bold" android:id="@+id/textView" /> </LinearLayout>	

Activity_feedback	<LinearLayout
	
	android:layout_width="match_parent"
	
	android:layout_height="wrap_content"
	
	android:layout_marginTop="40dp"
	    android:orientation="vertical">
	
	    <EditText
	
	android:layout_width="match_parent"
	
	android:layout_height="wrap_content"
	    android:id="@+id/ed1"
	    android:hint="Write ur
	feedback here !!"
	
	android:inputType="textMultiLine"
	    android:lines="8"
	    android:minLines="6"
	    android:gravity="top|left"
	    android:textSize="20dp"
	    android:maxLines="10"
	    android:scrollbars="vertical"
	
	android:background="@drawable/edittext3"/>
	    </LinearLayout>
	
	    <LinearLayout
	
	android:layout_width="match_parent"
	
	android:layout_height="wrap_content"
	
	android:layout_marginTop="50dp"
	    android:orientation="vertical">
	
	    <Button
	
	android:layout_width="200dp"
	
	android:layout_height="50dp"
	    android:text="Submit"
		public class Feedback extends AppCompatActivity {
		
		   @Override
		   protected void onCreate(Bundle savedInstanceState) {
		
		super.onCreate(savedInstanceState);
		
		setContentView(R.layout.activity_feedback);
		
		    Intent fb = getIntent();
		   }
		}.

	android:textSize="20dp" android:id="@+id/btn" android:layout_gravity="center" android:layout_marginTop="30dp" android:textColor="#000000" android:background="@drawable/edittext5"/> </LinearLayout>	