

PdfReader Application

activity-main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:id="@+id/main"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".MainActivity">
```

```
<ScrollView
    android:id="@+id/scrollView2"
    android:layout_width="340dp"
    android:layout_height="384dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.293"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.38">
```

```
<TextView
    android:id="@+id/textView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="                "
    android:textSize="30dp"
    tools:ignore="SpeakableTextPresentCheck"
    tools:layout_editor_absoluteX="175dp"
    tools:layout_editor_absoluteY="98dp" />
```

```
</ScrollView>
```

```
<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Submit "
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/scrollView2" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

MainActivity.java

```
package com.example.pdfreader;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;

import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;

import com.itextpdf.text.pdf.PdfReader;
import com.itextpdf.text.pdf.parser.PdfTextExtractor;

import java.io.IOException;
import java.io.InputStream;

public class MainActivity extends AppCompatActivity {
    TextView e1;
    Button b1;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        EdgeToEdge.enable(this);
        setContentView(R.layout.activity_main);

        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main),
(v, insets) -> {
            Insets systemBars =
insets.getInsets(WindowInsetsCompat.Type.systemBars());
            v.setPadding(systemBars.left, systemBars.top, systemBars.right,
systemBars.bottom);
```

```

        return insets;
    });

    e1 = findViewById(R.id.textView);
    b1 = findViewById(R.id.button);

    b1.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {
            extractPdf();
        }

        private void extractPdf() {
            String text = "";
            try {
                InputStream inputStream =
getResources().openRawResource(R.raw.daa);
                PdfReader rd = new PdfReader(inputStream);
                int n = rd.getNumberOfPages();
                for (int i = 0; i < n; i++) {
                    text += PdfTextExtractor.getTextFromPage(rd, i + 1).trim() + "\n";
                }
                e1.setText(text);
                rd.close();
            } catch (IOException e) {
                e1.setText("Error found: " + e.getMessage());
            }
        }
    });
}
}

```

Output-

