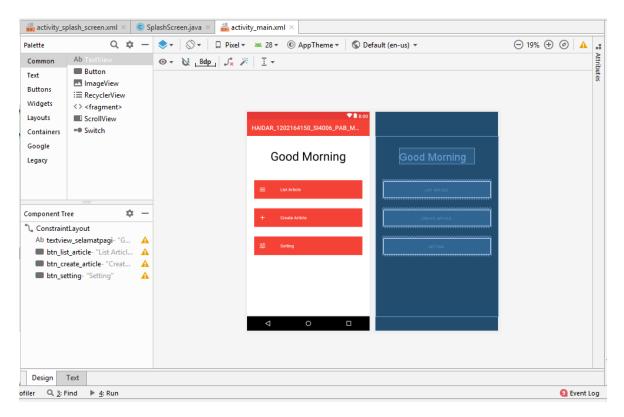


Membuat Splashscreen dengan progress bar dibawahnya

```
activity_splash_screen.xml × SplashScreen.java ×
        package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL5;
13
        public class SplashScreen extends AppCompatActivity {
15
            ProgressBar progressBar;
16
            Handler handler = new Handler();
            private int progressStatus = 0;
18
            private final int SLEEP = 10;
19
            final String PREF NIGHT MODE = "NightMode";
            @Override
23 0
            protected void onCreate(Bundle savedInstanceState) {
                if (AppCompatDelegate.getDefaultNightMode() == AppCompatDelegate.MODE_NIGHT_YES) {
                    setTheme(R.style.DarkTheme);
26
                }else{
                   setTheme (R.style.AppTheme);
                super.onCreate(savedInstanceState);
30
                setContentView(R.layout.activity_splash_screen);
                progressBar = findViewById(R.id.progressBar);
33
34 📭
                new Thread((Runnable) () → {
                        while (progressStatus < 100)
                            progressStatus += 1;
                            handler.post(() → {
                                   progressBar.setProgress(progressStatus);
                            });
                            try
                                                                                              1 Gradle build finished in 1 m 24 s 589 ms
        SplashScreen > onCreate()
    Event Log
```

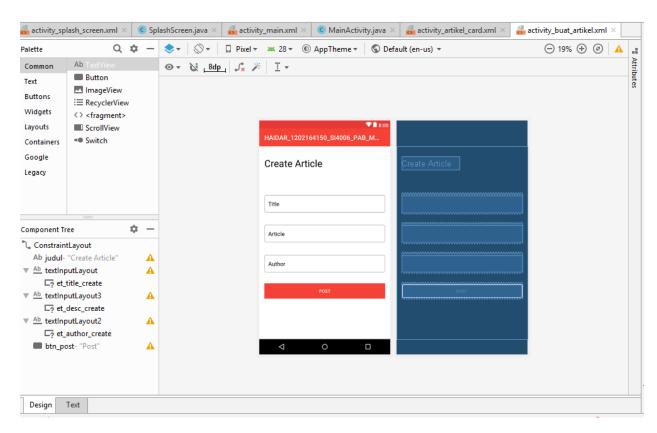
Kemudian membuat logika java untuk splash screen



Kemudian membuat tampilan utama saat membuka aplikasi

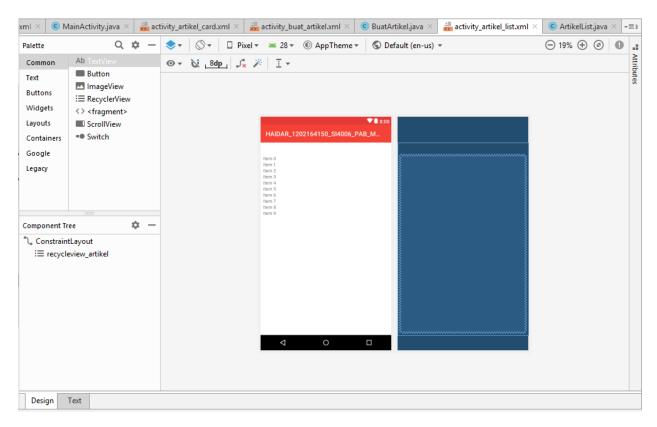
```
👼 activity_splash_screen.xml 🗴 🥒 SplashScreen.java 🗴 👼 activity_main.xml 🗴 🕒 MainActivity.java
         package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL5;
         import ...
14 (>
         public class MainActivity extends AppCompatActivity {
15
 16
             Button btnListArticle, btnCreateArticle, btnSetting;
             TextView textView_pagi;
             sharedpref mysharedpref;
 19
21 0
             protected void onCreate(Bundle savedInstanceState) {
                 mysharedpref = new sharedpref ( context: this);
                 if (mysharedpref.loadNightModeState() == true) {
24
                     setTheme (R.stvle.DarkTheme);
26
                     setTheme(R.style.AppTheme);
29
                 super.onCreate(savedInstanceState);
30
                 \verb|setContentView(R.layout.activity_main)|;
                 btnCreateArticle = findViewById(R.id.btn_create_article);
                 btnListArticle = findViewById(R.id.btn_list_article);
                 btnSetting = findViewById(R.id.btn setting);
34
35
                 textView pagi = findViewById(R.id.textview selamatpagi);
36
37 🜒
                 btnCreateArticle.setOnClickListener((v) \rightarrow \{
                          startActivity(new Intent( packageContext: MainActivity.this, BuatArtikel.class));
41
43
44
                 btnListArticle.setOnClickListener((v) -> {
                         startActivity(new Intent( packageContext: MainActivity.this, ArtikelList.class));
47
         MainActivity > mysharedpref
ofiler Q <u>3</u>: Find ▶ <u>4</u>: Run
                                                                                                                                        Event Log
```

Kemudian java dari main activity



Activity xml untuk membuat artikel

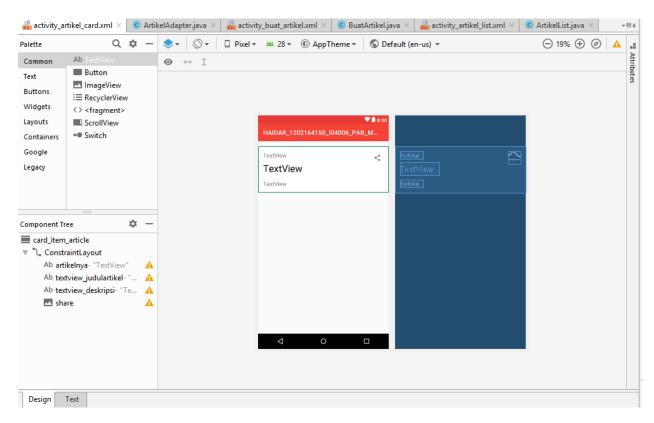
```
activity_splash_screen.xml × C SplashScreen.java × activity_main.xml × C MainActivity.java × activity_artikel_card.xml
                                                                                                                                           -≣2
         package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL5;
 3
       import ...
18
19 🖏
        public class BuatArtikel extends AppCompatActivity {
            EditText etTitle, etArticle, etAuthor;
            Button btnPost;
23
          String mTitle, mArticle, mAuthor;
            private ArtikelDbHelper db;
25
            sharedpref mysharedpref;
26
28
            final String PREF_NIGHT_MODE = "NightMode";
29
            SharedPreferences spNight;
30
31
32 0
            protected void onCreate(Bundle savedInstanceState) {
                mysharedpref = new sharedpref( context: this);
33
34
                 if (mysharedpref.loadNightModeState() == true) {
35
                    setTheme(R.style.DarkTheme);
36
                 } else
37
                     setTheme (R.style.AppTheme);
39
40
                 super.onCreate(savedInstanceState);
41
42
                 setContentView(R.layout.activity_buat_artikel);
43
                 db = new ArtikelDbHelper( context: this);
44
45
                 etTitle = findViewById(R.id.et_title_create);
                 etArticle = findViewById(R.id.et_desc_create);
46
47
                 etAuthor = findViewById(R.id.et_author_create);
         BuatArtikel > db
```



Setelah itu membuat recycle view artikel untuk menampung artikel

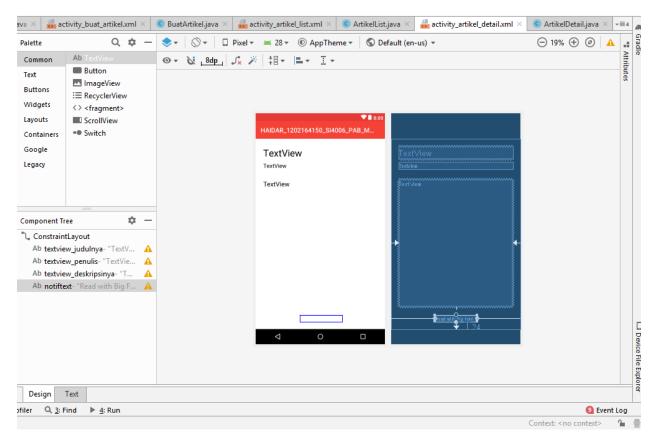
```
xml 🗴 🌀 MainActivity.java 🗴 🧱 activity_artikel_card.xml 🗡 🚰 activity_buat_artikel.xml 🗴 🕼 BuatArtikel.java 🗴 🙀 activity_artikel_list.xml 🗡 🕲 ArtikelList.java 🗸 🕬
        package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL5;
       import androidx.appcompat.app.AppCompatActivity;
        import androidx.recyclerview.widget.LinearLayoutManager;
        import androidx.recyclerview.widget.RecyclerView;
        import android.os.Bundle;
        import java.util.ArravList:
        import java.util.List;
11
        public class ArtikelList extends AppCompatActivity {
            RecyclerView recyclerView;
            ArtikelAdapter adapterArtikel;
14
            List<ArtikelActivity> artikelActivityList;
            ArtikelDbHelper dbHelper;
            sharedpref mysharedpref;
            @Override
20 0
            protected void onCreate(Bundle savedInstanceState) {
22
                mysharedpref = new sharedpref ( context: this);
                if (mysharedpref.loadNightModeState() == true) {
24
                    setTheme(R.style.DarkTheme);
25
                 } else
26
                     setTheme(R.style.AppTheme);
                super.onCreate(savedInstanceState);
                 setContentView(R.layout.activity_artikel_list);
33
                dbHelper = new ArtikelDbHelper( context: this);
```

Kemudian membuat activity java untuk list artikel



Membuat card untuk artikel list

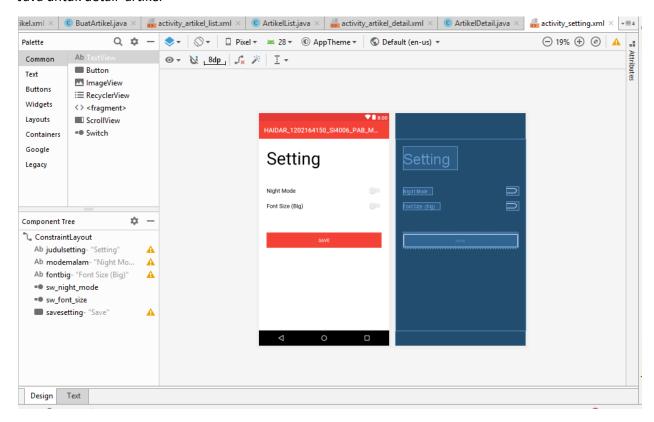
```
🌄 activity_artikel_card.xml 🗴 🍥 ArtikelAdapter.java 🗴 🙀 activity_buat_artikel.xml 🗴 💿 BuatArtikel.java 🗴 🙀 activity_artikel_list.xml 🗴
                                                                                                                       C ArtikelList.java ×
                                                                                                                                              - ■ 4
                                                                                                                                                   2
                                                                                                                                                   Gradle
         package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL5;
        import androidx.appcompat.app.AppCompatActivity;
         import androidx.recyclerview.widget.LinearLayoutManager;
         import androidx.recyclerview.widget.RecyclerView;
         import android.os.Bundle;
         import java.util.ArrayList;
        import java.util.List;
10 (>
        public class ArtikelList extends AppCompatActivity {
             RecyclerView recyclerView;
             ArtikelAdapter adapterArtikel;
14
             List<ArtikelActivity> artikelActivityList;
15
            ArtikelDbHelper dbHelper;
16
             sharedpref mysharedpref;
19 🌖
            protected void onCreate(Bundle savedInstanceState) {
                 mysharedpref = new sharedpref( context: this);
22
                 if (mysharedpref.loadNightModeState() == true) {
                     setTheme(R.style.DarkTheme);
24
                 else
26
                     setTheme(R.style.AppTheme);
28
                                                                                                                                                  ☐ Device File Explorer
                 super.onCreate(savedInstanceState);
                 setContentView(R.layout.activity_artikel_list);
                 dbHelper = new ArtikelDbHelper( context: this);
                 recyclerView = findViewById(R.id.recycleview_artikel);
Event Log
                                                                                                        COC LE - LITE O - 1
```



Membuat artikel detail saat di klik list artikel

```
ava × 👸 activity_buat_artikel.xml × 🥲 BuatArtikel.java × 📸 activity_artikel_list.xml × 🧐 ArtikelList.java × 📸 activity_artikel_detail.xml ×
                                                                                                                              C ArtikelDetail.iava ×
         package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL5;
         import androidx.appcompat.app.AppCompatActivity;
         import android.content.Context;
         import android.content.SharedPreferences;
         import android.os.Bundle;
         import android.widget.TextView;
 9 ()
         public class ArtikelDetail extends AppCompatActivity {
              TextView tvAuthor, tvTitle, tvArticle, tvNotif;
              final String PREF_FONT_SIZE = "BigSize";
              SharedPreferences spFont;
 14
             sharedpref mysharedpref;
 15
 16
              @Override
 17 0
             protected void onCreate(Bundle savedInstanceState) {
 18
                  mysharedpref = new sharedpref( context: this);
 19
                 if (mysharedpref.loadNightModeState() == true)
                      if (mysharedpref.loadBigFontState() == true) {
                          setTheme(R.style.bigfontdark);
                      } else
24
                          setTheme(R.style.DarkTheme);
                  } else {
26
                      setTheme(R.style.AppTheme);
                      if (mysharedpref.loadBigFontState() == true) {
                          setTheme(R.style.bigfontwhite);
                                                                                                                                                       ☐ Device File Explorer
29
                      } else setTheme(R.style.AppTheme);
 30
 32
                  super.onCreate(savedInstanceState);
33
                  setContentView(R.layout.activity_artikel_detail);
          ArtikelDetail > onCreate()
ofiler Q <u>3</u>: Find ▶ <u>4</u>: Run
                                                                                                                                            Event Log
```

Java untuk detail artikel

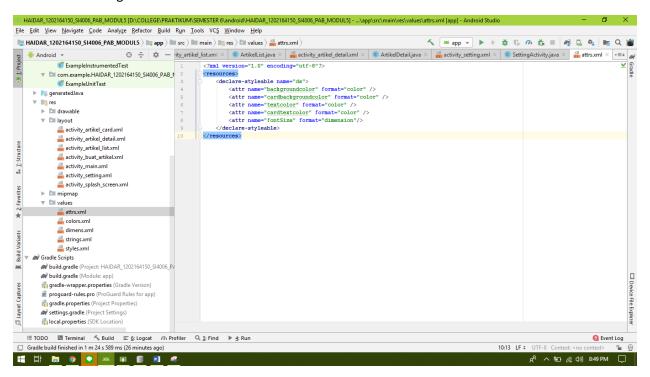


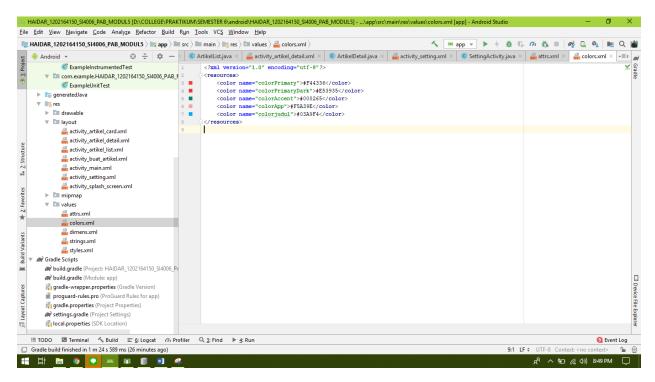
Setelah itu tampilan untuk setting

```
java × 👼 activity_artikel_list.xml × 💿 ArtikelList.java × 👼 activity_artikel_detail.xml × 💿 ArtikelDetail.java × 👼 activity_setting.xml × 💿 SettingActivity.java × 📁
            package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL5;
            import ...
            public class SettingActivity extends AppCompatActivity {
 13
                private Switch switchnight, switchbigfont;
 14
                sharedpref mysharedpref;
                private TextView tes;
 16
 18 🐧
                protected void onCreate(Bundle savedInstanceState) {
 19
                    mysharedpref = new sharedpref( context: this);
             if (mysharedpref.loadNightModeState() == true) {
                        if (mysharedpref.loadBigFontState() == true) {
                            setTheme(R.style.BigTheme);
 24
                            setTheme(R.style.NormalTheme);
 25
 26
                        setTheme(R.style.DarkTheme);
                    } else {
                        if (mysharedpref.loadBigFontState() == true) {
 29
                            setTheme(R.style.BigTheme);
 30
                        |else {
                            setTheme (R.style.NormalTheme);
                        setTheme (R.style.AppTheme);
                    super.onCreate(savedInstanceState);
                    setContentView(R.layout.activity_setting);
                    switchbigfont = findViewById(R.id.sw font size);
            SettingActivity > onCreate()
ofiler Q <u>3</u>: Find ▶ <u>4</u>: Run

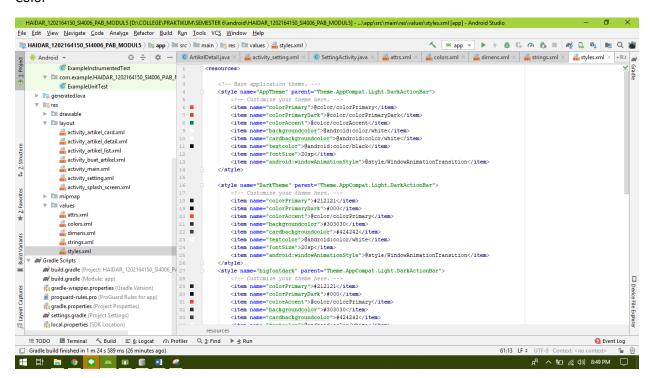
    Event Log
```

Java untuk setting

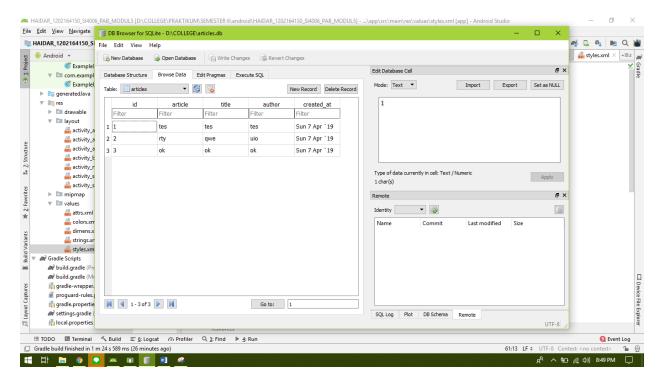




Color



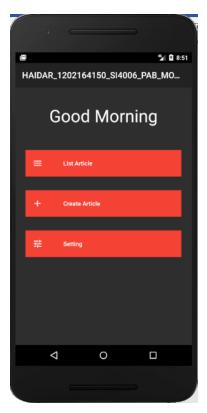
Style



Isi database setelah dilihat memakai db browser for sql lite



Run splash screen



Tampilan menu utama



Tampilan create artikel



Tampilan list artikel



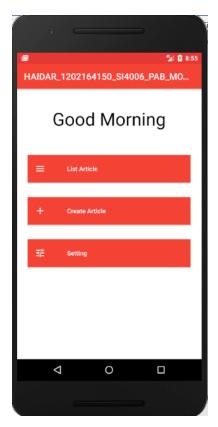
Tampilan Detail artikel dalam font dan mode malam





Tampilan Settings saat di enable switch night mode dan big font

Tampilan saat tidak memilih switch night dan font size



Mode pagi



Mode pagi dan text kecil