

## 〈이번주 진행된 내용〉

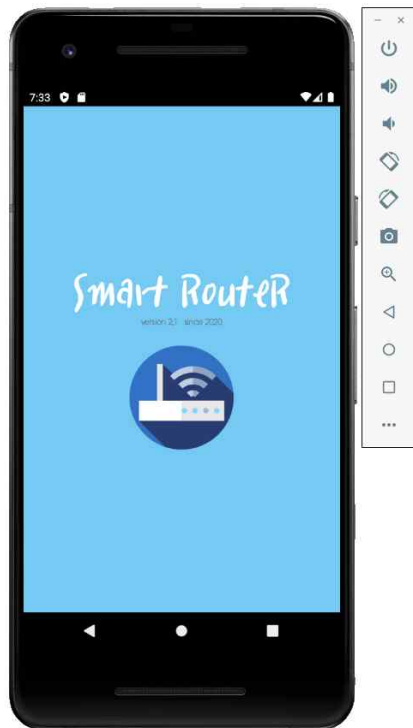
### - 예진

1. 시작화면(인트로) 이미지 교체
2. 뷰페이저를 활용한 설명화면 구현

### - 현성

1. 메뉴 화면 만들기 완료

## ▶ 상세설명(예진)



### 시작화면

임시방편으로 사용했던 이미지를 깔끔한 것으로 교체함.



### 설명화면

지난주에 실패했던 설명화면 틀을 구현함.

## 사용한 코드

### - activity\_sub.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    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:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".SubActivity">

    <androidx.viewpager.widget.ViewPager
        android:id="@+id/viewPager"
        android:layout_width="match_parent"
        android:layout_height="match_parent"/>

</LinearLayout>
```

### - fragment\_a.xml

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout 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:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".FragmentA">

    <!-- TODO: Update blank fragment layout -->
    <TextView
        android:id="@+id/tv_fragment_name"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:textSize="30sp"
        android:gravity="center"
        android:text="@string/hello_blank_fragment" />

</FrameLayout>
```

- SubActivity

```
package com.example.smartrouter
```

```
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import androidx.appcompat.app.ActionBar
import androidx.fragment.app.Fragment
import androidx.fragment.app.FragmentManager
import androidx.fragment.app.FragmentPagerAdapter
import kotlinx.android.synthetic.main.activity_sub.*
```

```
class SubActivity : AppCompatActivity() {

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_sub)

        var actionBar : ActionBar?
        actionBar = supportActionBar
        actionBar?.hide()

        val adapter = MyViewPagerAdapter(supportFragmentManager)
        adapter.addFragment(FragmentA(), title = "A")
        adapter.addFragment(FragmentB(), title = "B")
        adapter.addFragment(FragmentC(), title = "C")
        viewPager.adapter = adapter
    }
}
```

```
class MyViewPagerAdapter(manager: FragmentManager) :
    FragmentPagerAdapter(manager) {

    private val fragmentList : MutableList<Fragment> = ArrayList()
    private val titleList : MutableList<String> = ArrayList()

    override fun getItem(position: Int): Fragment {
        return fragmentList[position]
    }

    override fun getCount(): Int {
```

```

        return fragmentList.size
    }

    fun addFragment(fragment: Fragment, title:String) {
        fragmentList.add(fragment)
        titleList.add(title)
    }

    override fun getPageTitle(position: Int): CharSequence? {
        return titleList[position]
    }
}
}

```

#### - FragmentA

```
package com.example.smartrouter
```

```

import android.os.Bundle
import androidx.fragment.app.Fragment
import android.view.LayoutInflater
import android.view.View
import android.view.ViewGroup
import kotlinx.android.synthetic.main.fragment_a.*

```

```

class FragmentA : Fragment() {

    override fun onCreateView(
        inflater: LayoutInflater, container: ViewGroup?,
        savedInstanceState: Bundle?
    ): View? {
        return inflater.inflate(R.layout.fragment_a, container, false)
    }

    override fun onViewCreated(view: View, savedInstanceState: Bundle?) {
        tv_fragment_name.text = "설명 1"
    }
}

```

### – FragmentB

```
package com.example.smartrouter
```

```
import android.os.Bundle
import androidx.fragment.app.Fragment
import android.view.LayoutInflater
import android.view.View
import android.view.ViewGroup
import kotlinx.android.synthetic.main.fragment_a.*
```

```
class FragmentB : Fragment() {

    override fun onCreateView(
        inflater: LayoutInflater, container: ViewGroup?,
        savedInstanceState: Bundle?
    ): View? {
        return inflater.inflate(R.layout.fragment_a, container, false)
    }

    override fun onViewCreated(view: View, savedInstanceState: Bundle?) {
        tv_fragment_name.text = "설명 2"
    }

}
```

### – FragmentC

```
package com.example.smartrouter
```

```
import android.os.Bundle
import androidx.fragment.app.Fragment
import android.view.LayoutInflater
import android.view.View
import android.view.ViewGroup
import kotlinx.android.synthetic.main.fragment_a.*
```

```
class FragmentB : Fragment() {

    override fun onCreateView(
        inflater: LayoutInflater, container: ViewGroup?,
        savedInstanceState: Bundle?
```

```

    ): View? {
        return inflater.inflate(R.layout.fragment_a, container, false)
    }

    override fun onCreateView(view: View, savedInstanceState: Bundle?) {
        tv_fragment_name.text = "설명 3"
    }
}

```

### 추가) 이미지 넣는 법

fragment\_a.xml 파일에

<ImageView

```

    android:id="@+id/imageView"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:src="@drawable/파일이름" />

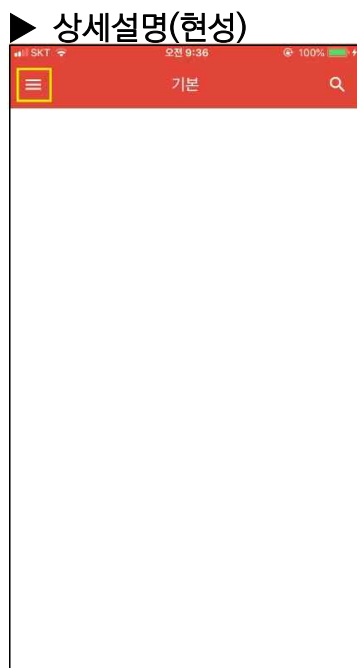
```

작성. 여기에 들어갈 이미지 파일은 아무것이나 상관 없음.

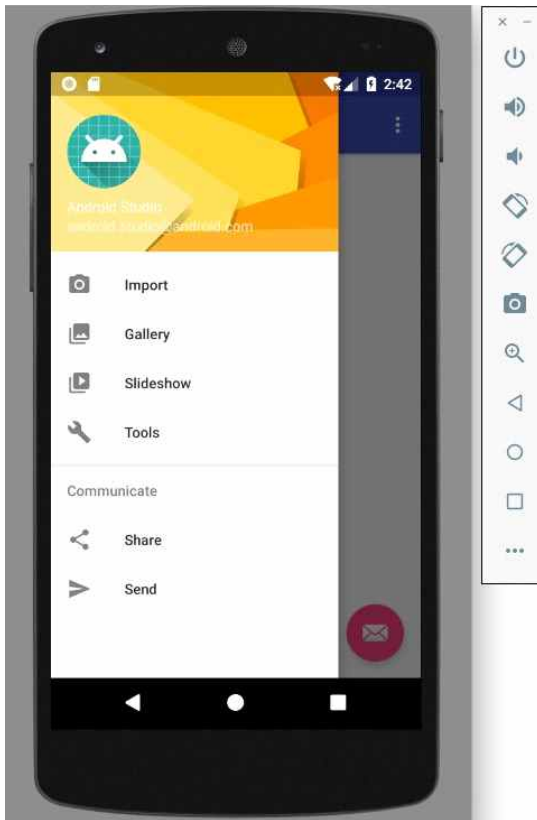
Fragment(페이지).kt 파일에의 override fun onCreateView 하단에

[imageView.setImageResource\(R.drawable.파일명\)](#)

작성. 여기에 들어갈 이미지 파일은 내가 보여줄 이미지 삽입.



메인화면 구상



메뉴화면 완성

## 사용된 코드

### 1. /drawable/activity\_main.xml

```
<android.support.design.widget.NavigationView
    android:id="@+id/nav_view"
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:layout_gravity="start"
    android:fitsSystemWindows="true"
    app:headerLayout="@layout/nav_header_main"
    app:menu="@menu/activity_main_drawer" />
```

### 2. nav\_header\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:layout_width="match_parent"
    android:layout_height="@dimen/nav_header_height"
    android:background="@drawable/side_nav_bar"
    android:gravity="bottom"
    android:orientation="vertical"
```

```
android:paddingBottom="@dimen/activity_vertical_margin"
android:paddingLeft="@dimen/activity_horizontal_margin"
and
```

### 3. 메인 액티비티의 on create

```
final View headerView = navigationView.getHeaderView(0);
    Glide.with(this).load(R.drawable.nav_header).into(new SimpleTarget<Drawable>() {
        @Override
        public void onResourceReady(Drawable resource, Transition<? super
Drawable> transition) {
            if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.JELLY_BEAN) {
                headerView.setBackground(resource);
            }
        }
    });
```

### **<다음주 진행할 내용>**

#### **- 예진**

1. 설명화면에서 메인화면으로 넘어가는 부분 구현
2. 설명화면에 들어갈 내용 간단하게 디자인

#### **- 현성**

1. 메인화면 및 메뉴 완성