

Tab Layout, ViewPager2, Shared Preferences

- material design ui

```
< com.google.android.material.tabs.TabLayout
```

```
    android:layout_height = "match_parent"  
    android:layout_width = "match_parent"  
    // // id = "@+id/tablayout"  
/>
```

```
< androidx.viewpager2.widget.ViewPager2
```

```
    android:layout_width = "match_parent"  
    // height  
    android:id = "@+id/viewpager2"
```

inside linear layout

- Multiple fragments as a data for view pager

- So, adapter needed

- hooks for viewPager in the java file for that layout

- viewPager used for swiping

```
</LinearLayout>
```

Adapter

=
name

```
public class adapter extends FragmentStateAdapter {
```

```
    public adapter (@NonNull FragmentActivity fragmentActivity) {  
        super(fragmentActivity)  
    }
```

@NonNull
@Override

```
    public Fragment createFragment(int position) {
```

```
        switch (position) {
```

```
            case 0:
```

```
                return new ChatFragment();
```

```
            case 1:
```

```
                return new CallsFragment();
```

```
            case 2: new
```

```
                return new SettingFragment();
```

```
            default:
```

```
                return new ChatFragment();
```

X ————— X

Create hooks in main activity
=

```
public class whatsapp1 extends AppCompatActivity {
```

@Override

```
    public int getCount() {
```

```
        return 3;
```

```
    }
```

```
tabLayout tabLayout;  
ViewPager2 viewPager2;  
ViewPagerAdapter adapter;
```

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=

// hooks

```
tabLayout= findViewById(R.id.tabLayout);  
viewPager2= findViewById(R.id.viewPager2);  
adapter= new ViewPagerAdapter(this) ;  
viewPager2.setAdapter(adapter)
```

```
TabLayoutMediator mediator= new TabLayoutMediator(tabLayout, viewPager2, new TabLayoutMediator.  
TabConfigurationStrategy.
```