**Activity\_Main.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout 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=".MainActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBarLayout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="#D32F2F"  
 android:gravity="center">  
 <TextView  
 android:id="@+id/title"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="#D32F2F"  
 android:gravity="center\_horizontal"  
 android:minHeight="?actionBarSize"  
 android:text="@string/app\_name"  
 android:textAppearance="@style/TextAppearance.Widget.AppCompat.Toolbar.Title"  
 android:textColor="@color/black"  
 android:textColorHighlight="#D32F2F"  
 android:textColorHint="#D32F2F"  
 android:textColorLink="#D32F2F"  
 android:textSize="34sp" />  
  
 <com.google.android.material.tabs.TabLayout  
 android:id="@+id/tab\_layout"  
 android:layout\_width="411dp"  
 android:layout\_height="wrap\_content"  
 android:background="#FBC02D"  
 android:contentDescription="Tabs"  
 app:tabIndicatorColor="#FBC02D"  
 app:tabSelectedTextColor="@color/white"  
 app:tabTextColor="@color/black">  
  
  
 </com.google.android.material.tabs.TabLayout>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <androidx.viewpager2.widget.ViewPager2  
 android:id="@+id/view\_pager"  
 android:layout\_width="match\_parent"  
 android:layout\_height="497dp"  
 android:layout\_marginTop="143dp">  
  
 </androidx.viewpager2.widget.ViewPager2>  
  
  
</RelativeLayout>

**Fragment1.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:orientation="vertical"  
 tools:context=".Fragment1">  
  
 <LinearLayout  
 android:layout\_width="370dp"  
 android:layout\_height="65dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/mDate"  
 android:layout\_width="110dp"  
 android:layout\_height="70dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginBottom="10dp"  
 android:text="Date:"  
 android:textAppearance="@style/TextAppearance.AppCompat.Large" />  
  
 <EditText  
 android:id="@+id/txtDate"  
 android:layout\_width="212dp"  
 android:layout\_height="74dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginBottom="10dp"  
 android:ems="10"  
 android:hint="DD/MM/YYYY"  
 android:inputType="textPersonName" />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="385dp"  
 android:layout\_height="65dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/txt2"  
 android:layout\_width="123dp"  
 android:layout\_height="47dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginBottom="10dp"  
 android:text="Time:"  
 android:textAppearance="@style/TextAppearance.AppCompat.Large" />  
  
 <EditText  
 android:id="@+id/txtTime"  
 android:layout\_width="212dp"  
 android:layout\_height="54dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginBottom="10dp"  
 android:ems="10"  
 android:hint="hh:mm"  
 android:inputType="textPersonName" />  
 </LinearLayout>  
  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="43dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/txt3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginBottom="10dp"  
 android:text="Meeting Agenda:"  
 android:textAppearance="@style/TextAppearance.AppCompat.Large" />  
  
 <EditText  
 android:id="@+id/txtAgenda"  
 android:layout\_width="212dp"  
 android:layout\_height="50dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginBottom="10dp"  
 android:ems="10"  
 android:hint="Enter Meeting Agenda"  
 android:inputType="textPersonName" />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:gravity="center"  
 android:orientation="vertical">  
  
 <CalendarView  
 android:id="@+id/mCal"  
 android:layout\_width="385dp"  
 android:layout\_height="305dp"  
 android:background="#AFB42B" />  
  
 <Button  
 android:id="@+id/btn1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Add Meeting Schedule" />  
  
 </LinearLayout>  
</LinearLayout>

**Fragment2.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:gravity="center"  
 tools:context=".Fragment2">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="55dp"  
 android:orientation="vertical"  
 android:gravity="center">  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginBottom="10dp"  
 android:text="Select Date to get Meeting Details" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:gravity="center">  
  
 <EditText  
 android:id="@+id/editTextDate"  
 android:layout\_width="384dp"  
 android:layout\_height="68dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginBottom="10dp"  
 android:ems="10"  
 android:gravity="center"  
 android:hint="Enter date"  
 android:inputType="text" />  
 </LinearLayout>  
  
 <CalendarView  
 android:id="@+id/calendarView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="305dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginBottom="10dp" />  
  
  
 <Button  
 android:id="@+id/btn2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Search to get Meeting Details" />  
</LinearLayout>

**MainActivity.java**

package com.example.meetinginfo;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.viewpager2.widget.ViewPager2;  
  
import android.os.Bundle;  
  
import com.google.android.material.tabs.TabLayout;  
import com.google.android.material.tabs.TabLayoutMediator;  
import com.example.meetinginfo.ViewPagerFragmentAdapter;  
  
  
public class MainActivity extends AppCompatActivity {  
 ViewPagerFragmentAdapter viewPagerFragmentAdapter;  
 TabLayout tabLayout;  
 ViewPager2 viewPager2;  
 private String[] titles= new String[]{"SCHEDULE MEETING", "GET MEETING INFO"};  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 viewPager2=findViewById(R.id.*view\_pager*);  
 tabLayout=findViewById(R.id.*tab\_layout*);  
 viewPagerFragmentAdapter=new ViewPagerFragmentAdapter(this);  
 viewPager2.setAdapter(viewPagerFragmentAdapter);  
 new TabLayoutMediator(tabLayout,viewPager2,(((tab, position) -> tab.setText(titles[position])))).attach();  
  
 }  
  
}

**Fragment1.java**

package com.example.meetinginfo;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Context;  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.view.inputmethod.InputMethodManager;  
import android.widget.Button;  
import android.widget.CalendarView;  
import android.widget.EditText;  
import android.widget.Toast;  
import androidx.annotation.NonNull;  
import androidx.annotation.Nullable;  
import androidx.fragment.app.Fragment;  
import static androidx.core.content.ContextCompat.*getSystemService*;  
  
*/\*\*  
 \* A simple {@link Fragment} subclass.  
 \* Use the {@link Fragment1#newInstance} factory method to  
 \* create an instance of this fragment.  
 \*/*public class Fragment1 extends Fragment {  
 EditText date,time,agenda;  
 DataBaseConn dbc;  
 CalendarView calendarView;  
 Button btn;  
  
 *// TODO: Rename parameter arguments, choose names that match  
 // the fragment initialization parameters, e.g. ARG\_ITEM\_NUMBER* private static final String *ARG\_PARAM1* = "param1";  
 private static final String *ARG\_PARAM2* = "param2";  
  
 *// TODO: Rename and change types of parameters* private String mParam1;  
 private String mParam2;  
  
 public Fragment1() {  
 *// Required empty public constructor* }  
  
 */\*\*  
 \* Use this factory method to create a new instance of  
 \* this fragment using the provided parameters.  
 \*  
 \* @param param1 Parameter 1.  
 \* @param param2 Parameter 2.  
 \* @return A new instance of fragment Fragment1.  
 \*/  
 // TODO: Rename and change types and number of parameters* public static Fragment1 newInstance(String param1, String param2) {  
 Fragment1 fragment = new Fragment1();  
 Bundle args = new Bundle();  
 args.putString(*ARG\_PARAM1*, param1);  
 args.putString(*ARG\_PARAM2*, param2);  
 fragment.setArguments(args);  
 return fragment;  
 }  
  
 @Override  
 public void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 if (getArguments() != null) {  
 mParam1 = getArguments().getString(*ARG\_PARAM1*);  
 mParam2 = getArguments().getString(*ARG\_PARAM2*);  
 }  
 }  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 *// Inflate the layout for this fragment* View view=inflater.inflate(R.layout.*fragment\_1* ,container,false);  
 date=view.findViewById(R.id.*txtDate*);  
 time=view.findViewById(R.id.*txtTime*);  
 agenda=view.findViewById(R.id.*txtAgenda*);  
 btn=view.findViewById(R.id.*btn1*);  
 calendarView=view.findViewById(R.id.*mCal*);  
 dbc=new DataBaseConn(getActivity()); *//need to initialize here only* calendarView.setVisibility(View.*INVISIBLE*);  
 date.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 closeKeyBoard();  
 calendarView.setVisibility(View.*VISIBLE*);  
 calendarView.setOnDateChangeListener(new CalendarView.OnDateChangeListener() {  
 @Override  
 public void onSelectedDayChange(@NonNull CalendarView view, int year, int month, int dayOfMonth) {  
 String d=dayOfMonth+"/"+(month+1)+"/"+year;  
 date.setText(d);  
 calendarView.setVisibility(View.*INVISIBLE*);  
 }  
 });  
 }  
 });  
 btn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String mdate,mTime,mAgenda;  
 mdate=date.getText().toString();  
 mTime=time.getText().toString();  
 mAgenda=agenda.getText().toString();  
 Boolean insert=dbc.insertvalue(mdate,mTime,mAgenda);  
 if(insert==true){  
 Toast.*makeText*(getActivity(),"Data Inserted",Toast.*LENGTH\_SHORT*).show();  
 }  
 else  
 Toast.*makeText*(getActivity(),"Data NOT Inserted",Toast.*LENGTH\_SHORT*).show();  
*//txt.setText("NOT INSERTED");* }  
 });  
 return view;  
 }  
 private void closeKeyBoard() {  
 View view = getActivity().getCurrentFocus();  
 if (view != null) {  
 InputMethodManager imm = (InputMethodManager)  
 getActivity().getSystemService(Context.*INPUT\_METHOD\_SERVICE*);  
 imm.hideSoftInputFromWindow(view.getWindowToken(), 0);  
 }  
 }  
}

**Fragment2.java**

package com.example.meetinginfo;  
  
import android.annotation.SuppressLint;  
import android.os.Bundle;  
  
import androidx.fragment.app.Fragment;  
  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.database.Cursor;  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
import android.widget.CalendarView;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
import androidx.annotation.NonNull;  
import androidx.annotation.Nullable;  
import androidx.fragment.app.Fragment;  
  
  
*/\*\*  
 \* A simple {@link Fragment} subclass.  
 \* Use the {@link Fragment2#newInstance} factory method to  
 \* create an instance of this fragment.  
 \*/*public class Fragment2 extends Fragment {  
  
 *// TODO: Rename parameter arguments, choose names that match  
 // the fragment initialization parameters, e.g. ARG\_ITEM\_NUMBER* private static final String *ARG\_PARAM1* = "param1";  
 private static final String *ARG\_PARAM2* = "param2";  
  
 *// TODO: Rename and change types of parameters* private String mParam1;  
 private String mParam2;  
 EditText date;  
 CalendarView cal;  
 Button btn1;  
 DataBaseConn dbc;  
 TextView t;  
  
 public Fragment2() {  
 *// Required empty public constructor* }  
  
 */\*\*  
 \* Use this factory method to create a new instance of  
 \* this fragment using the provided parameters.  
 \*  
 \* @param param1 Parameter 1.  
 \* @param param2 Parameter 2.  
 \* @return A new instance of fragment Fragment2.  
 \*/  
 // TODO: Rename and change types and number of parameters* public static Fragment2 newInstance(String param1, String param2) {  
 Fragment2 fragment = new Fragment2();  
 Bundle args = new Bundle();  
 args.putString(*ARG\_PARAM1*, param1);  
 args.putString(*ARG\_PARAM2*, param2);  
 fragment.setArguments(args);  
 return fragment;  
 }  
  
 @Override  
 public void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 if (getArguments() != null) {  
 mParam1 = getArguments().getString(*ARG\_PARAM1*);  
 mParam2 = getArguments().getString(*ARG\_PARAM2*);  
 }  
 }  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 *// Inflate the layout for this fragment* View view=inflater.inflate(R.layout.*fragment\_2*,container,false);  
 date=view.findViewById(R.id.*editTextDate*);  
 cal=view.findViewById(R.id.*calendarView*);  
 btn1=view.findViewById(R.id.*btn2*);  
 dbc=new DataBaseConn(getActivity());  
 *// t=()* cal.setOnDateChangeListener(new CalendarView.OnDateChangeListener() {  
 @Override  
 public void onSelectedDayChange(@NonNull CalendarView view, int year, int month, int dayOfMonth) {  
 String d=dayOfMonth+"/"+(month+1)+"/"+year;  
 date.setText(d);  
 }  
 });  
 btn1.setOnClickListener(new View.OnClickListener() {  
 @SuppressLint("Range")  
 @Override  
 public void onClick(View v) {  
 String d1=date.getText().toString();  
 StringBuffer res=new StringBuffer();  
 Cursor c=dbc.fetch(d1);  
 int count=c.getCount();  
 c.moveToFirst();  
 if(count>0) {  
 do {  
  
 res.append(c.getString(c.getColumnIndex("agenda"))+"\t"+"at"+"\t"+c.getString(c.getColumnIndex("time")));  
 res.append("\n");  
 *//med =(String.valueOf(c.getString(c.getColumnIndex("agenda"))));  
 //med1 =(String.valueOf(c.getString(c.getColumnIndex("time"))));* }while (c.moveToNext());  
 Toast.*makeText*(getActivity(), res,  
 Toast.*LENGTH\_LONG*).show();  
 }  
 else  
 {  
 Toast.*makeText*(getActivity(), "No Meeting on This Day....", Toast.*LENGTH\_LONG*).show();  
 }  
 }  
 });  
 return view;  
 }  
}

**ViewPagerFragmentAdapter.java**

package com.example.meetinginfo;  
  
import android.content.Context;  
  
import androidx.annotation.NonNull;  
import androidx.fragment.app.Fragment;  
import androidx.fragment.app.FragmentActivity;  
import com.example.meetinginfo.Fragment1;  
import com.example.meetinginfo.Fragment2;  
import androidx.viewpager2.adapter.FragmentStateAdapter;  
  
public class ViewPagerFragmentAdapter extends FragmentStateAdapter {  
 private String[] titles= new String[]{"SCHEDULE MEETING", "GET MEETING INFO"};  
  
 public ViewPagerFragmentAdapter(@NonNull FragmentActivity fragmentActivity) {  
 super(fragmentActivity);  
 }  
  
 @NonNull  
 @Override  
 public Fragment createFragment(int position) {  
 Fragment fragment=null;  
 switch(position)  
 {  
 case 0:  
 fragment= new Fragment1();  
 break;  
 case 1:  
 fragment= new Fragment2();  
 break;  
 }  
 return fragment;  
 }  
  
 @Override  
 public int getItemCount() {  
 return 2;  
 }  
}

**DataBaseConn.java**

package com.example.meetinginfo;  
import android.content.ContentValues;  
import android.content.Context;  
import android.database.Cursor;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteOpenHelper;  
import androidx.annotation.Nullable;  
import androidx.fragment.app.FragmentActivity;  
public class DataBaseConn extends SQLiteOpenHelper {  
 public DataBaseConn(Context context) {  
 super(context,"MeetingDB.db",null,1);  
 }  
 @Override  
 public void onCreate(SQLiteDatabase db) {  
 db.execSQL("create Table meetingTbl(date TEXT,time TEXT, agenda TEXT)");  
 }  
 @Override  
 public void onUpgrade(SQLiteDatabase db, int oldVersion, int  
 newVersion) {  
 db.execSQL("drop Table if exists meetingTbl");  
 }  
 public boolean insertvalue(String d, String t, String agd){  
 SQLiteDatabase DB=this.getWritableDatabase();  
 ContentValues cv = new ContentValues();  
 cv.put("date",d);  
 cv.put("time",t);  
 cv.put("agenda",agd);  
 long res=DB.insert("meetingTbl",null,cv); *//query to insert* if(res==-1){  
 return false;  
 }  
 else  
 return true;  
 }  
 public Cursor fetch(String d){  
 SQLiteDatabase DB=this.getReadableDatabase();  
 *// String sqlquery="select name from MDTbl where date='19/3/21' AND time='Afternoon'";  
 // Cursor c = DB.rawQuery(sqlquery,null);* Cursor c = DB.rawQuery("Select time,agenda from meetingTbl where date='"+d+"' ",null);  
 return c;  
 }  
}

**DBMS.java**

package com.example.meetinginfo;  
import android.content.Context;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteOpenHelper;  
import androidx.annotation.Nullable;  
  
public class DBMS extends SQLiteOpenHelper {  
 public DBMS(@Nullable Context context, @Nullable String name,  
 @Nullable SQLiteDatabase.CursorFactory factory, int version) {  
 super(context, name, factory, version);  
 }  
 @Override  
 public void onCreate(SQLiteDatabase db) {  
 }  
 @Override  
 public void onUpgrade(SQLiteDatabase db, int oldVersion, int  
 newVersion) {  
 }  
}