

```
package com.example.covid_19alertapp.adapters;
```

```
import android.annotation.SuppressLint;
```

```
import android.content.Context;
```

```
import android.content.Intent;
```

```
import android.net.Uri;
```

```
import android.view.LayoutInflater;
```

```
import android.view.View;
```

```
import android.view.ViewGroup;
```

```
import android.widget.RelativeLayout;
```

```
import android.widget.TextView;
```

```
import androidx.annotation.NonNull;
```

```
import androidx.core.content.ContextCompat;
```

```
import androidx.recyclerview.widget.RecyclerView;
```

```
import com.example.covid_19alertapp.R;
```

```
import com.example.covid_19alertapp.activities.CommentFeedActivity;
```

```
import com.example.covid_19alertapp.models.Post;
```

```
import java.text.SimpleDateFormat;
```

```
import java.util.ArrayList;
```

```
import java.util.Calendar;
```

```
public class FeedAdapter extends RecyclerView.Adapter<FeedAdapter.MyViewHolder> {
```

```
    Context context;
```

```
    ArrayList<Post> postList;
```

```
    public static Post POST;
```

```
public FeedAdapter(Context c, ArrayList<Post> postList) {  
    context = c;  
    this.postList = postList;  
}
```

```
@NonNull
```

```
@Override
```

```
public MyViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
    return new MyViewHolder(LayoutInflater.from(context).inflate(R.layout.post_view, parent, false));  
}
```

```
@SuppressWarnings("SetTextI18n")
```

```
@Override
```

```
public void onBindViewHolder(@NonNull MyViewHolder holder, final int position) {  
    holder.userName.setText(postList.get(position).getUserName());  
  
    //Date and Time  
    Calendar cal = Calendar.getInstance();  
    SimpleDateFormat monthFormat = new SimpleDateFormat("MMM");  
    SimpleDateFormat dateFormat = new SimpleDateFormat("dd");  
    String today_date = dateFormat.format(cal.getTime()) + " " + monthFormat.format(cal.getTime());  
  
    String post_date = postList.get(position).getDate();  
    if (post_date.equals(today_date)) {  
        post_date = "Today";  
    }  
  
    String dateNtime = post_date + ", " + postList.get(position).getTime();  
    holder.dateTime.setText(dateNtime);
```

```
holder.postBody.setText(postList.get(position).getPostBody());  
holder.contact.setOnClickListener(new View.OnClickListener() {  
    @Override  
    public void onClick(View v) {  
        //user phone_number to call  
    }  
});
```

```
if (postList.get(position).getPostType().equals("RELIEF")) {  
    holder.relativeLayout1.setBackgroundColor(ContextCompat.getColor(context,  
R.color.color_item_view_relief_line));  
    holder.relativeLayout2.setBackgroundColor(ContextCompat.getColor(context,  
R.color.color_item_view_relief_line));  
    holder.contact.setVisibility(View.VISIBLE);  
    holder.contact.setOnClickListener(new View.OnClickListener() {  
        @Override  
        public void onClick(View v) {  
            String phone_number = postList.get(position).getContactNO();  
            Intent callIntent = new Intent(Intent.ACTION_DIAL);  
            callIntent.setData(Uri.parse("tel:"+phone_number));  
  
            context.startActivity(callIntent);  
        }  
    });  
}
```

```

holder.comment.setText(postList.get(position).getCommentCount()+"");

holder.comment.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        POST = postList.get(position);

        context.startActivity(new Intent(context, CommentFeedActivity.class));

    }

});

}

```

```

@Override

public int getItemCount() {

    return postList.size();

}

```

```

public class MyViewHolder extends RecyclerView.ViewHolder {

    TextView userName,dateTime,postBody,comment,contact;

    RelativeLayout relativeLayout1,relativeLayout2;

    public MyViewHolder(@NonNull View itemView) {

        super(itemView);

        userName = itemView.findViewById(R.id.textView_username);

        dateTime = itemView.findViewById(R.id.textView_DatenTime);

        postBody = itemView.findViewById(R.id.description_Text);

        comment = itemView.findViewById(R.id.Comment_Counter_PostView);

        contact = itemView.findViewById(R.id.Contact_PostView);
    }
}

```

```
        RelativeLayout1 = itemView.findViewById(R.id.relativeLayout_Color_Relief1);  
        RelativeLayout2 = itemView.findViewById(R.id.relativeLayout_Color_Relief2);  
    }  
}  
}
```