

```
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);

    }

}

}

```