

```
package com.example.covid_19alertapp.activities;
```

```
import androidx.annotation.Nullable;
```

```
import androidx.appcompat.app.AlertDialog;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
import androidx.lifecycle.Observer;
```

```
import androidx.work.Constraints;
```

```
import androidx.work.PeriodicWorkRequest;
```

```
import androidx.work.WorkInfo;
```

```
import androidx.work.WorkManager;
```

```
import android.content.DialogInterface;
```

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

```
import android.os.Bundle;
```

```
import android.util.Log;
```

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

```
import android.widget.Button;
```

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

```
import com.example.covid_19alertapp.extras.Constants;
```

```
import com.example.covid_19alertapp.extras.LogTags;
```

```
import com.example.covid_19alertapp.services.BackgroundWorker;
```

```
import com.example.covid_19alertapp.sharedPreferences.MiscSharedPreferences;
```

```
import java.util.List;
```

```
import java.util.concurrent.TimeUnit;
```

```
public class MenuActivity extends AppCompatActivity {
```

```
/*  
starter activity to test and get the permissions + all time running start worker  
overwrite or edit this later, keeping the permission codes  
*/
```

```
Button home_btn;
```

```
@Override
```

```
protected void onCreate(Bundle savedInstanceState) {
```

```
    super.onCreate(savedInstanceState);
```

```
    setContentView(R.layout.activity_main);
```

```
    home_btn = findViewById(R.id.home_button_menu);
```

```
    home_btn.setOnClickListener(new View.OnClickListener() {
```

```
        @Override
```

```
        public void onClick(View v) {
```

```
            finish();
```

```
        }
```

```
    });
```

```
    // start background worker for always
```

```
    startWorker();
```

```
}
```

```
private void startWorker() {
```

```
    if(!MiscSharedPreferences.getBgWorkerStatus(this)){
```

```
        Constraints constraints = new Constraints.Builder()
```

```
            .setRequiresBatteryNotLow(true)
```

```
.setRequiresCharging(false)

.build();
```

```
PeriodicWorkRequest promptNotificationWork =

    new PeriodicWorkRequest.Builder(BackgroundWorker.class, 30, TimeUnit.MINUTES)

        .setConstraints(constraints)

        .addTag(Constants.background_WorkerTag)

        .build();
```

```
WorkManager.getInstance(getApplicationContext()).getWorkInfoByLiveData(promptNotificationWork.
getId())
```

```
.observe(this, new Observer<WorkInfo>() {

    @Override

    public void onChanged(@Nullable WorkInfo workInfo) {

        if (workInfo != null && workInfo.getState() == WorkInfo.State.ENQUEUED) {

            Log.d(LogTags.Worker_TAG, "onChanged: worker is enqueued");

            // set shared preference true

            MiscSharedPreferences.setBgWorkerStatus(MenuActivity.this, true);

        }

        if (workInfo != null && workInfo.getState() == WorkInfo.State.CANCELLED) {

            Log.d(LogTags.Worker_TAG, "onChanged: worker was stopped. why?");

            // set shared preference false

            MiscSharedPreferences.setBgWorkerStatus(MenuActivity.this, false);

        }

    }

})
```

```
});
```

```
WorkManager.getInstance(getApplicationContext())  
    .enqueue(promptNotificationWork);
```

```
}
```

```
}
```

```
public void uploadClick(View view) {
```

```
    if(!MiscSharedPreferences.getUploadStatus(this)) {
```

```
        Intent intent = new Intent(this, UploadLocationsActivity.class);  
        startActivity(intent);
```

```
    }
```

```
    else{
```

```
        // show dialog and prevent
```

```
        AlertDialog.Builder builder = new AlertDialog.Builder(this);
```

```
        builder.setMessage(getText(R.string.cant_upload_twice_message))
```

```
        .setCancelable(false)
```

```
        .setPositiveButton(getText(R.string.permissions_dialogbox_positive), new  
DialogInterface.OnClickListener() {
```

```
            @Override
```

```
            public void onClick(DialogInterface dialog, int which) {
```

```

        dialog.dismiss();
    }
})

.setNegativeButton("Override", new DialogInterface.OnClickListener() {
    @Override
    public void onClick(DialogInterface dialog, int which) {
        dialog.dismiss();

        // TODO: remove this
        Intent intent = new Intent(MenuActivity.this, UploadLocationsActivity.class);
        startActivity(intent);
    }
});

```

```

AlertDialog alertDialog = builder.create();
alertDialog.show();

```

```

    }
}

```

```

public void startNewsFeed(View view)
{
    startActivity(new Intent(getApplicationContext(), NewsFeedActivity.class));
}

```

```

public void openSettingsClick(View view) {

```

```

    Intent intent = new Intent(this, TrackerSettingsActivity.class);
    startActivity(intent);

```

```
}
```

```
public void showMatchedLocationsClick(View view) {
```

```
    Intent intent = new Intent(getApplicationContext(), ShowMatchedLocationsActivity.class);
```

```
    startActivity(intent);
```

```
}
```

```
public void startMyLocationsMap(View view) {
```

```
    startActivity( new Intent(this, MyLocationsMapsActivity.class) );
```

```
}
```

```
}
```