```
package com.example.covid_19alertapp.extras;

import java.text.DateFormat;
import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Calendar;
import java.util.Date;
import java.util.concurrent.TimeUnit;

public class DateTimeHandler {

   public static String DateToday()
   {
      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());
      return today_date;
   }

   public static String TimeNow()
   {
      Calendar cal = Calendar.getInstance();
      DateFormat timeFormat = new SimpleDateFormat("hh:mm a");
      String time = timeFormat.format(cal.getTime());
      return  time;
   }

   public static long dayInterval(String firstDate)
```

```
  {
     firstDate = firstDate.replace(' ','/');
     String secondDate = DateToday().replace(' ','/');
     SimpleDateFormat sdf = new SimpleDateFormat("dd/MMM");
     Date first = new Date();
     Date second = new Date();



     try {
        first = sdf.parse(firstDate);
        second = sdf.parse(secondDate);
     } catch (ParseException e) {
        e.printStackTrace();
     }

     long diffMillies = Math.abs(second.getTime()-first.getTime());
     long diffDay = TimeUnit.DAYS.convert(diffMillies,TimeUnit.MILLISECONDS);


     return  diffDay;
  }

}
```