Date and Time

Java Runtime Environment

[1]
```
spring.datasource.url=jdbc:mysql://...:3306/...?useLegacyDatetimeCode=false&serverTimezone=UTC
spring.jpa.properties.hibernate.jdbc.time_zone=UTC
```

[2]
```java
@SpringBootApplication
@PropertySource("classpath:application.properties")
public class NevisApp
{
    …
    @PostConstruct
    void started()
    {
        var time_zone = env.getProperty("spring.jpa.properties.hibernate.jdbc.time_zone");
        TimeZone.setDefault(TimeZone.getTimeZone(time_zone));
    }
}
```

[3]
```java
public static String formatDateTimeToUTCstring(LocalDateTime localDateTime) {
    return localDateTime.format(DateTimeFormatter.ISO_LOCAL_DATE_TIME) + "Z";
}
```

If you still have a problem with the time zone, then it may make sense to read the article Time Zone Settings in the JRE.

MySQL

```
sudo nano /etc/mysql/my.cnf
```

```
!includedir /etc/mysql/conf.d/
!includedir /etc/mysql/mysql.conf.d/

[mysqld]
default-time-zone='+00:00'
```

```
sudo service mysql restart
```