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## Calendars UML Documentation

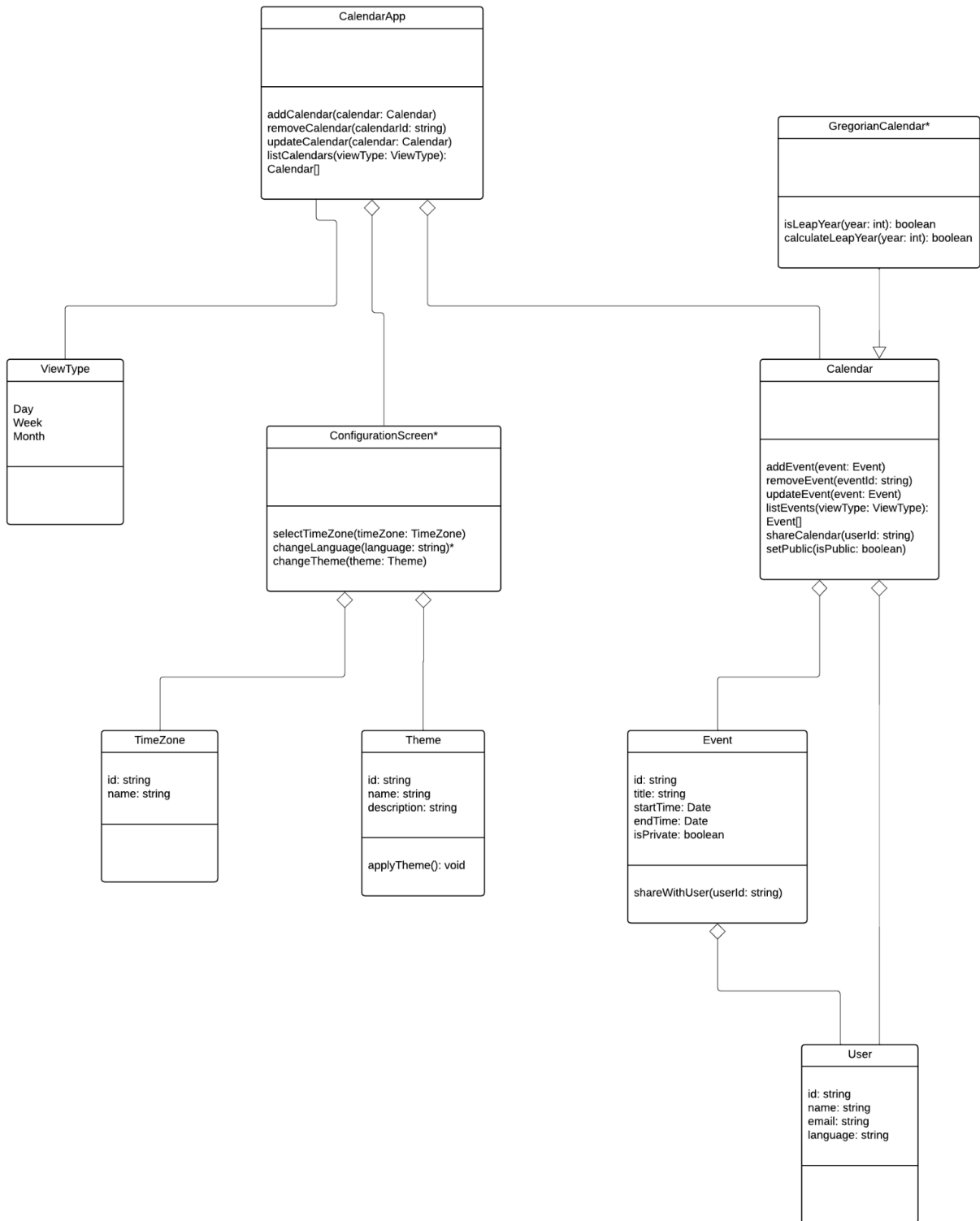
### **UML Expansion:**

For the UML design that I have chosen to create, the calendars application is meant to be very modular and compartmentalized to allow for easy updating and addons in the future. Users are created to connect specific calendars to specific users, as well allowing calendars to be shared with others. Events can be added to the calendar as well as be shared with other users. For future updates, the events can store more fields such as location, remote/in-person or even notes about the event. Within each user's calendar, events can be added, removed or edited as well as sharing calendars with other users or making calendars public/private. In future updates, different types of calendars can be created by implementing different "calendar classes" such as the Gregorian Calendar, Tamriel Calendar, etc.

A customization screen (or settings) can be accessed to change how the Calendar app works. For now, you are able to change the theme of your calendar to different types of preset themes. Each theme that you can select will tell you what the name of the theme is and a description (possibly a picture of preview in the future) of what the theme is. You can also select the time zone that you are currently in to make sure your events line up with the proper times needed. In future versions, there may be more customization options found in the customization screen.

Finally as a whole, the Calendars App allows you to make full use of all of the features described above. From the main app you can view all calendars you have, edit the events for each, etc. You can also view your calendars using a day view, week view or month view.

## UML Diagram:



Sequence Diagram:

