Revision History		
Name	Date	Description
Aidan Loran	2025/03/11	first version
Aniketh Yatam	2025/03/13	second version
Aidan Loran	2025/04/17	third version

Calendar

+ desc: string
+ title: string
- daysList: array (sort maintained)
- stDate: datetime
- endDate: datetime

+ addAppts(appts: Appointment array): void
+ addSeries(series: Series array): void
+ rmAppts(appts: Appointment Array): void
+ rmSeries(series: Series array): void

consists of ▼ ◇ *
7, 28, 29, 30, 31

Day

+ note: string
- date: datetime
- appts: array (sort maintained)

+ noAppts(): boolean
+ addAppts(appts: Appointment array): void
+ rmAppts(appts: Appointment array): void
- overlap(appt: Appointment): boolean

scheduled on ▲ ◇ 1
0..256

Series

+ type: string
+ desc: string
- appts: array or queue
- seriesID: integer
- stDate: datetime
- endDate: datetime
- freq: integer
- seriesLink: integer
- relSeriesID: integer
- relSeriesOffset: datetime

+ getNextAppts(num: integer): Appointment
array
+ getApptsFromTo(start: datetime, end:
datetime): Appointment array
- regenAppts(): void

0..1 contains ▶ 1..* ◇

Appointment

+ title: string
+ type: string
+ desc: string
- date: datetime
- stTime: datetime
- dur: datetime
- apptID: integer
- relID: integer
- relOffset: datetime
- seriesLink: integer

+ makeSeries(freq: integer): Series