

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
+ calFromTo(start: datetime, end: datetime):	Calendar
+ calYear(year: int):	Calendar
+ calMonth(month: int, year: int):	Calendar
+ calWeek(sunday: datetime, saturday: datetime):	Calendar
+ addAppts(appts: Appointment array):	void
+ addSeries(series: Series array):	void
+ rmAppts(appts: Appointment Array):	void
+ rmSeries(series: Series array):	void

Day	
+ note:	string
- date:	datetime
- appts:	array (sort maintained)
+ noAppts():	boolean
+ addAppt(appt: Appointment):	void
+ addAppts(appts: Appointment array):	void
+ rmAppt(appt: Appointment):	void
+ rmAppts(appts: Appointment array):	void
- overlap(appt: Appointment):	boolean

Series	
+ type:	string
+ desc:	string
- appts:	array or queue
- apptDur:	datetime
- 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

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

