Calendar - year: int - month: int - realtimedate: int - events: unordered_map<int, vector<Event>> - dayOffs: unordered map<int, bool> + Calendar(int, int, int) + addEvent() + editEvent() + deleteEvent() + viewDaySchedule() + viewWeekSummary() + viewMonthSummary() + viewMonthSummaryfordelete() + displayMonth() + setDayOff(int) + isWeekend(int): bool + isDayOff(int): bool + isValidTimeFormat(const string&): bool + is ValidDate(int, int, int): bool + isOverlapping(const Event&): bool

Utils

- + formatTime(int, int): string&
- + getDayOfWeek(int, int, int): int
- + getDayOfWeekString(int, int, int): string&

1. 22/ENG/143 S.S.Konthasinghe (CO)

2. 22/ENG/119 P. M. P. Dias (EE)

3. 22/ENG/088 L.R.L.D.Bandara (CO)

4. 22/ENG/038 G.A.S.U.Perera (EE)

5. 22/ENG/066 K.L.L.C.Kahatapitiya (EE)

Depends on

Event

- title: string

- day: int

- startTime: string

- endTime: string

- data: string

- scheduletype: char

+ Event(const string&, int, const string&, const string&)

+ getTitle(): const string&

+ getDay(): const int

+ getStartTime(): const string&

+ getEndTime(): const string&

+ getData(): const string&

+ getScheduleType(): const char

+ getTimeRange(): const string&

+ setTitle(const string&)

+ setStartTime(const string&)

+ setEndTime(const string&)

+ setData(const string&)

+ overlapsWith(const Event&): const bool