Klassenstruktur:

CalendarMap

- Calendar calendar

- ArrayList<Event> eventList

+ CalendarMap CalendarMap()

+ Boolean addEventToList(Event e)

+ Boolean removeEvent(int eventId)

+ Event getEventByIndex(int index)

+ Event getEventById(int id)

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Event

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- ArrayList<Object> attributeList

[int id; String name; Timestamp start; Timestamp stop; int catId]

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+ Event Event(ArrayList<Object> attributeList)

+ Boolean setAttribute(index i, Object object)

+ Boolean getAttribute(index i, Object object)

Category

- int id

- String name

- Boolean istPrivat

+ Category Category(int id, String name, Boolean istPrivat)

Report

+ ArrayList<Event> sumEventName(CalendarMap calendarmap, String eventname)

+ ArrayList<Event> sumEventCategory(CalendarMap calendarmap, Category category)