

# CASCA (YET ANOTHER CALENDAR APP)

CS680 Project Description

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## Application Overview

CASCA is a light weight easy to use android calendar application with minimal design principal.

With CASCA, users will be able to:

1. Create new event for a given day
2. Check events created for a given day
  - a. CASCA can read out the event title for user
  - b. CASCA can display the location of event in map
  - c. CASCA allow user to share the event information to friend via SMS
3. Edit events already created

## Technology Overview

To archive these functionalities, CASCA will utilize:

1. Three Activities:
  - a. MainActivity: display the calendar and the events of a chosen day
  - b. CreateOrEditEvent: allow user to create or edit events
  - c. DisplayDetail: display detailed information for chosen event
2. Android widgets: calendarView, ListView, EditText, TextView, Button etc.
3. OptionsMenus: allow user to easily using the functionalities of the app
4. Text-To-Speech: to read out the event information for user
5. Animation: to make it more smooth when switching different activities/UIs
6. Implicit intents calls:
  - a. SMS: for sharing event information via SMS
  - b. Google Map: for display event location
7. SQLite database: for store events data in the device
8. Notification: to notify user before events

## Version Control

CASCA will be collaboratively developed and use Github for remote repository at:

<https://github.com/ryancheunggit/CS680Project>

## Appendix: Sketch of the Application UI



### Notes:

1. use SQLite data base to store events data.
2. show banner style notification before event