# CSC 2720 CALENDAR PROJECT

## FUNCTIONAL SPECIFICATION

Overview

This calendar provides functionality for easy management of time and events. Individuals can easily organize days for social, academic, administrative, or religious purposes. A data is the designation of a single specific day within the system.

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# 1. Goals
 a. Improve event organizing
 b. Provide names to periods of time (days, weeks, months, even years)
 c. Allow time to be displayed for users in a convenient manner

# 2. Audience
 a. Students/Teachers
  i. Makes keep track of academic responsibilities simpler
 b. Event goers/organizers
  i. Enables a greater simplicity to keep track of events

# 3. Features
 a. Time perception
  i. Users can use the calendar & clock to keep track of date and time, relative to their personal requirements (such as time-zone or language)
  ii. Personalization
   1. Users can fill the calendar with any information that they feel is relevant enough to their schedules to keep track of
    a. Birthdays
    b. Holidays
    c. Deadlines
    d. Appointments
    e. Tasks to complete

# 4. Application Layout
 a. Main Calendar Interface
  i. Allows user to view the previous, current, and next month
  ii. Allows user to set events at a given date.
  iii. Displays the current date, as well as the layout of the month and the weeks within it
 b. Digital Clock
  i. Clicking the label *Today* on the calendar will display the digital clock
   1. The clock will display the current (as perceived by the user) time and date, relative to the user's specifications. For example, if a user's default computer language is Chinese, the date will show in Chinese.