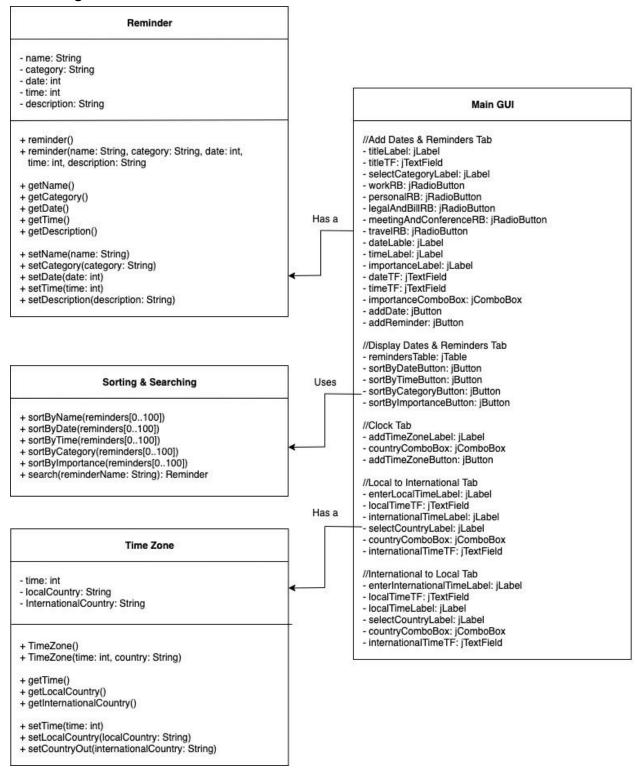
Criterion B

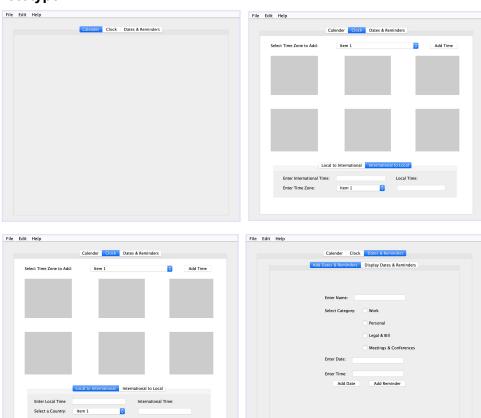
Input	Data Type	Normal Range etc.	Example
Name	ame String Within 250 cha		Ex. Pay Electricity Bill
Reminder Category	Reminder Object	Work, Personal, Legal & Bill, Meetings & Conferences	Ex. Personal
Date	Integer	1-12, 1-31, 2019-2020	Ex. 19/02/2020
Time	Integer	00:00 to 24:00	Ex. 16:20
Country	String	N/A	Ex. Thailand

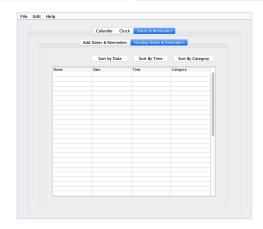
Output	Data Type	Normal Range etc.	Example	
Reminder	String	Max 100 words	Ex. Reminder to pay electricity bill	
Time	Integer	00:00 to 24:00	Ex. 16:20	

Class Diagram

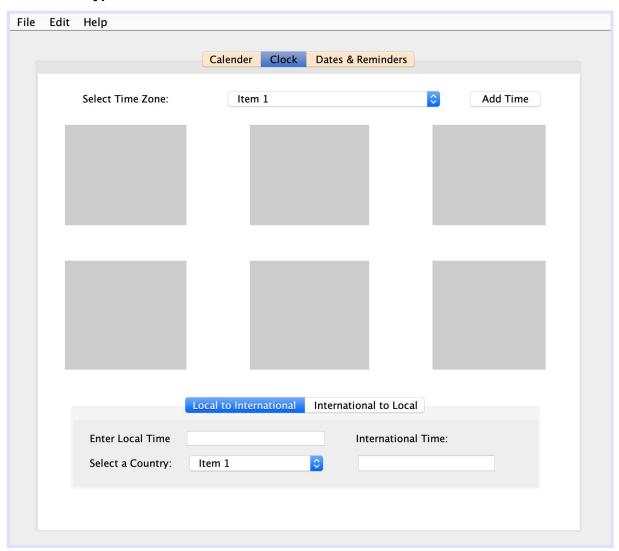


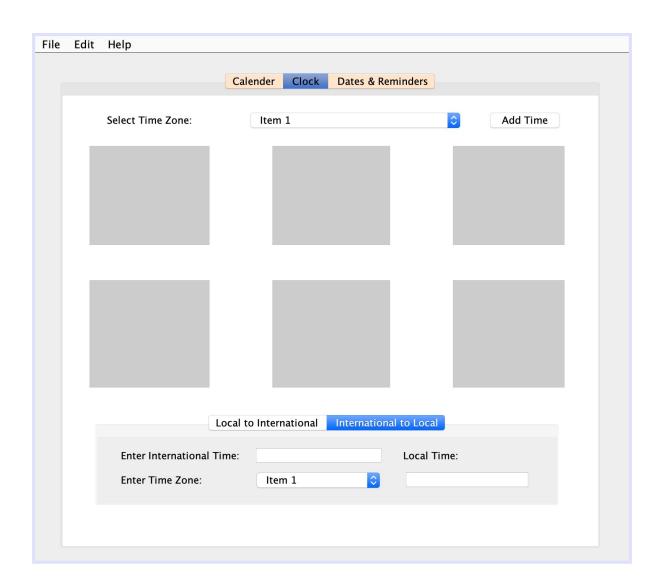
Original Prototype



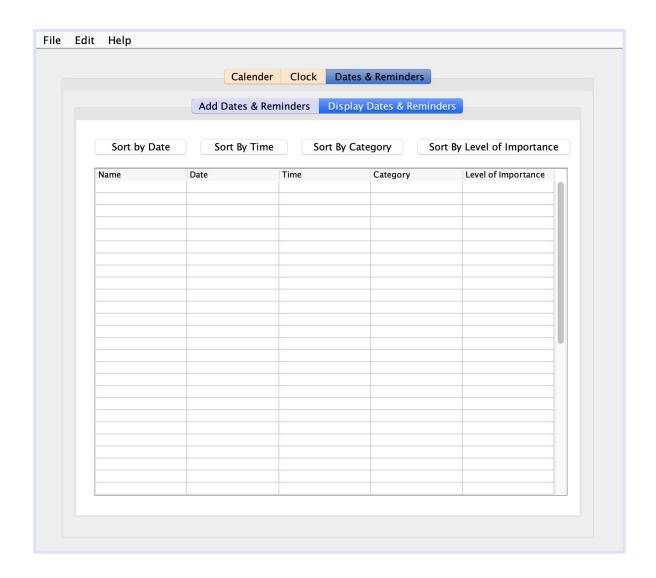


Edited Prototype





ile	Edit	Help	
			Calender Clock Dates & Reminders
			Add Dates & Reminders Display Dates & Reminders
			Title:
			Select Category: Work
			Personal
			C Legal & Bill
			Meetings & Conferences
			○ Travel
			Enter Date:
			Enter Time:
			Level of Importance: Low
			Add Date Add Reminder



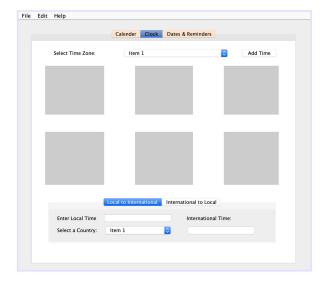
The client, in the second interview, had requested a few changes that were made to the original prototype. The result of these changes is illustrated in the images above. The client had asked for visual changes such as the addition of colour into the menu bars. There were also changes made in the data input. There was a request to insert "level of importance" as one of the attributes for the reminder. This then needed to be added to the table shown in the fourth image. There were also some minor adjustments made such as the changing of the "event name" to "title". All the comments from the second interview were recorded and implemented in the second draft of the prototype's GUI.

Word Count: 122

Chronological Development Plan

- I. GUI Coding
 - A. Make final changes in the GUI layout and format
 - B. Add variable names to all elements of the GUI
 - C. Program the function of the buttons
- II. Make template class for Reminders
 - A. Create attributes
 - B. Create set and get functions
 - C. Create method for notification
- III. Make template class for Time Zones
 - A. Create attributes
 - B. Create set and get functions
 - C. Make function for time zone conversion
- IV. Connect functions and GUI to database
 - A. Choose appropriate sort and program all sorts (for each attribute)
 - B. Program search for all reminders
 - C. Create an efficient way to store and display time zones and recent conversions
 - D. Embed calendar into programm

Testing Plan

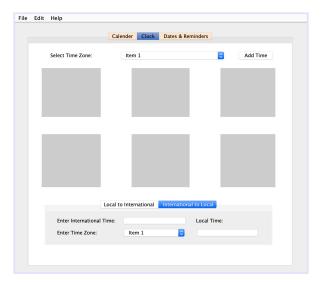


Input -

- Local time
- Country to convert from
- Time Zone

Output -

International time

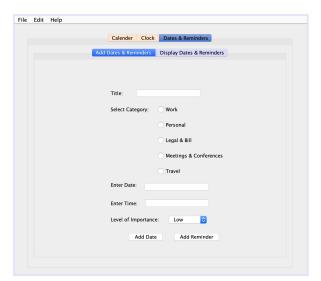


Input -

- International time
- Country to convert to
- Time Zone

Output -

• International time

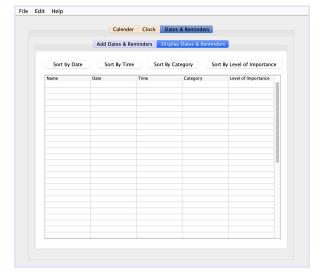


Input -

- Title
- Category of Reminder
- Date
- Time
- Level of Importance

Output -

N/A



Input -

N/A

Output -

• Table of reminders (possibly sorted)

Input	Normal	Border	Abnormal	Extreme
Local Time	1500	Max: 2400 Min: 0000	Ex. 3678, letters	234567890
International Time	1500	Man: 2400 Min: 0000	Ex. 3678, letters	234567890
Title	Electricity bill	N/A	only numbers	Over 50 characters
Category of Reminder	travel	N/A	something other than the given options	N/A
Date	200120	311220	any number smaller than 6 digits, letters	010120 311220
Time	1500	Max: 2400 Min: 0000	Ex. 3678, letters	234567890
Level of Importance	medium	Low, high	any other words, numbers	N/A

Criterion B Word Count: 122