Chapter 2

Literature Survey

2.1 Existing System

2.1.1. Clock

Alarm clocks are a standard feature on most cell phones, but computer clocks typically don't do much but display the time. The computer alarm clocks add alarm functionality to our computer, letting you create multiple alerts that can wake you up or remind you when it's time to do something. **[1]**
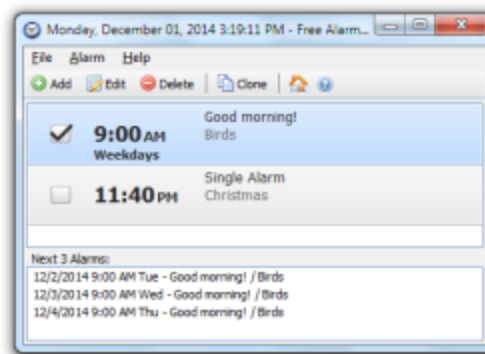

Fig. 2.1.1: A screenshot of Free Alarm Clock

Drawback:

It wakes up the PC as soon as it goes to sleep. The problem persisted even after reinstalling the software.

2.1.2. Clipboard

The clipboard is a software facility used for short-term data storage and/or data transfer between documents or applications, via copy and paste operations. It is most commonly a part of a GUI environment and is usually implemented as an anonymous, temporary data buffer, sometimes called the paste buffer, that can be accessed from most or all programs within the environment via defined programming interfaces. A typical

application accesses clipboard functionality by mapping user input (key bindings, menu selections, etc.) to these interfaces. **[2]**
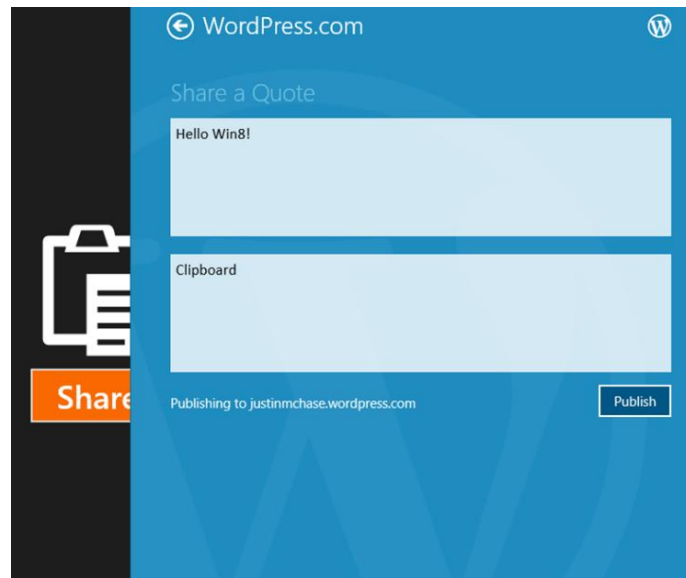

Fig. 2.1.2: A screenshot of existing Clipboard software.

Drawback:

Does not let you use the clipboard. It only facilitates sharing; it won't let the user copy and paste. Also, saving multiple links is not possible.

2.1.3. Calculator

Calculator is used to perform any of the standard operations for which you would normally use a handheld calculator. Calculator performs basic arithmetic, such as addition, subtraction, multiplication and division. The game interface is quite simple so even if you are a beginner you can use it without any trouble. **[3]**
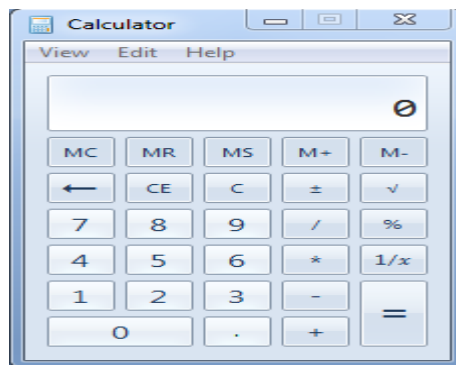
Fig. 2.1.3: Screenshot of existing calculator in Windows OS

Drawback:

It is not present in handy i.e. a user needs to go to start menu and select open it whenever required.

2.1.4 Currency Convertor

A currency converter is software code that is designed to convert one currency into another in order to check its corresponding value.

Drawback:

The currencies convertors available are either static or values of both the currencies are required to enter. **[4]**
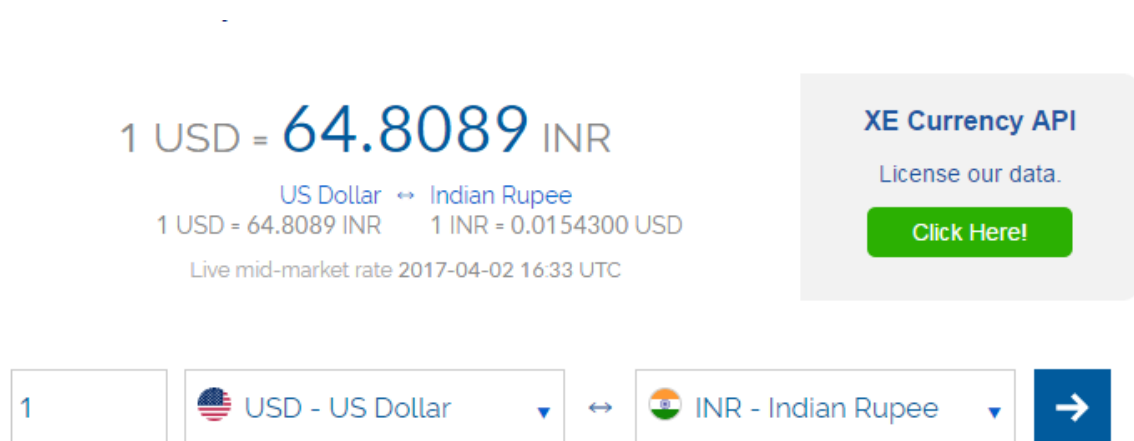

Fig. 2.1.4: A screenshot of web currency convertor

All the above mentioned GUI's are present as a single unit.

2.2 Proposed System

- The GUI will be divided into separate tabs.

- There are 4 tabs namely: Alarm clock, Clipboard, Calculator and Currency Convertor.

- The Alarm Clock facilitates the user to work in a scheduled way as per the routine fixed and also acts as a reminder for proper time utilization. This will also be the default window when the application opens up.

- The Clipboard will be the second tab to Alarm clock. It will help users to jot down any necessary points, links and website.

- The Calculator will be the third tab. It will help users perform basic mathematical operations.

- The Currency Convertor is the last tab which will converts the value of one currency into another foreign currency chosen.