

## Simple Specification “KU Clock”

Expected result is software, which offers the possibility to show multiple clocks.

It should be possible to show to the user different clocks of different time zones at the same time. It should be possible to change the language easily, expected are at least English and Thai. Additionally German is requested.

An example is MultiClock 1.0.5, which has similar ideas realized. This and other clocks are available on [http://gosoftware.org/your-clocks\\_tag](http://gosoftware.org/your-clocks_tag).

KUClock is a new product, which shows one or many clocks of different time zones similar.

Important features is a comfortable easy-to-use configuration of the clock, e.g. different languages to use (at least English and Thai), the possible use of different clocks (analogue, digital) and nice signs for the time zones like flags for the countries.

- User: KUClock should help e.g. students spending a semester abroad or people working in international projects to know the current time in different time zones of project members.
- Developer: For further development it should be possible, to easy offer additional configuration items, like additional flags, or additional clocks.

The software should work on Smartphones and Laptops using Microsoft Operation Systems like Windows10, and Linux, and on Workstations using UNIX-Derivatives.

The software should be easy downloadable and installable, and run as stand-alone-application.

Further requirement is to make it accessible via Internet on a specific web page. On option as app.

A user manual and help should be available.

The application should work as a stand-alone-application without any side effects, which could disturb other applications. There should be no dependency to other programs.

The time displayed should depend on the internal clock or by a timer accessible via Internet. It is necessary that the most current time gets displayed. It must not be possible that no time is displayed, e.g. because of problems with an internet connection.

Example for a possible user interface:



Requested: Connection to system clock or a timer via internet. It must be assured, that the accurate time gets displayed. Software should be realized as open source.