

High Accurate Prayer Clock by Using GPS

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Abstract

When the question about very precise Prayer Times is raised, the quartz clock has evident limitation. Using this type of clocks, a manual time adjustment should be made from time to another.

In addition, Prayer Times are defined in accordance with the locations. So each related location, where the clock will be used, has to be in advance taken into account by the clock software.

The aim of this project is to overcome these problems and achieve a very high precision clock by using GPS data.

The project is made around Al-Nedda clock of AEC and it involves hardware and software parts.