**Digital clock project**

This project consists of 4 different forms.

**-Form 1(Main form)**: Gives current time, date and day with the ability to change between 12 and 24 modes.

**-Form 2(Stop Watch Form)**: A stop watch mode which can be accessed by clicking the “Stop Watch” button on the upper left side of Form “1”. Containing a start, stop and resume button. Counting from hours to milliseconds. It saves the results in a MS Access database under “StopWatchTable”.

**-Form 3(Alarm Form)**: An Alarm, which contains a timer picker and 3 buttons: “save alarm”, Saving all different alarms details in the MS Access database under “AlarmTable”. “stop alarm” pauses the alarm tune and deletes the alarm time from the database. “Snooze”, delete and re-schedule the alarm in the database for 5 minutes later.

**-Form 4(Timer Form)**: A Timer, containing 3 text-boxes: “Hours”, “Minutes” and “Seconds”. Hours limit 0<100. Minutes 0</= 60, Seconds 0</= 60. Contains 3 buttons too: “Start”, “ Stop” and “Restart”.

The project gives popups whenever encountering a bug.

All forms contain Exception Handling & Input validation system & Naming Convention & comments.

Some Forms works on OPP.

Queries and Filtering.

\*Regards...