Digital Watch Project PO3_DGW

Definition :

This project aims to have a digital watch working properly and with some features.

Features:

- Display the time with 12 AM/PM format
- Alarm to be set as per the input
- Stopwatch with "start , stop , and Reset"

Key Elements :

- The user can control the Digital watch with only 3 buttons
- The user can select between different modes "features "
- The user can use the buttons inside the mode to adjust and set the time , alarm or even the stop watch.
- At the alarm time the system has to give notification with buzzer.

Mapping between the customer requirements and the requirements ID's:

Requirement ID	Covers
PO3_DGW_ CR_Digital_Watch_**001**-V1.0	The user can control the Digital watch with only 3 buttons
PO3_DGW_ CR_Digital_Watch_**002**-V1.0	The user can select between different modes "features"
PO3_DGW_ CR_Digital_Watch_**003**-V1.1	The user can use the buttons inside the Clock mode to adjust and set the time.
PO3_DGW_ CR_Digital_Watch_**004**-V1.1	The user can use the buttons inside the Alarm mode to adjust and set the time.
PO3_DGW_ CR_Digital_Watch_**005**-V1.1	The user can use the buttons inside the Stopwatch mode to control the stopwatch.
PO3_DGW_ CR_Digital_Watch_**006**-V1.1	At the alarm time the system has to give notification with buzzer.
PO3_DGW_ CR_Digital_Watch_**007**-V1.1	Display the time with 12 AM/PM format.
PO3_DGW_ CR_ Digital_Watch_**008**-V1.1	Alarm to be set as per the input
PO3_DGW_ CR_Digital_Watch_**009**-V1.1	Stopwatch with "start, stop, and Reset.