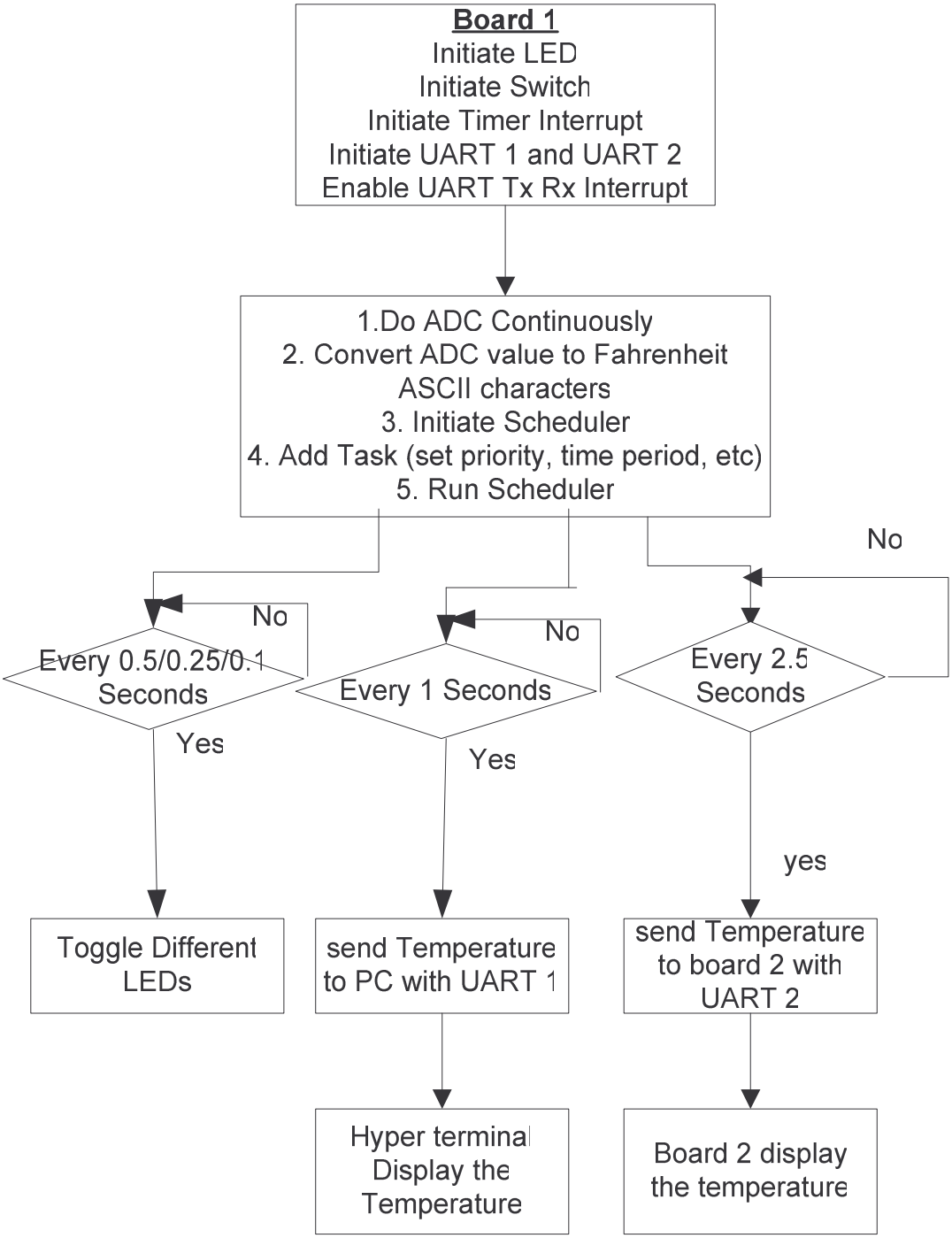
1. As follows


Board 1
Initiate LED
Initiate Switch
Initiate Timer Interrupt
Initiate UART 1 and UART 2
Enable UART Tx Rx Interrupt
1.Do ADC Continuously
2. Convert ADC value to Fahrenheit ASCII characters
3. Initiate Scheduler
4. Add Task (set priority, time period, etc)
5. Run Scheduler
No
No
No
Every 0.5/0.25/0.1 Seconds
Every 1 Seconds
Every 2.5 Seconds
Yes
Yes
yes
Toggle Different LEDs
send Temperature to PC with UART 1
send Temperature to board 2 with UART 2
Hyper terminal Display the Temperature
Board 2 display the temperature