



Ain shams university
Faculty of engineering
Computer engineering and software systems programs

Course: **Microcontrollers (CSE 316)**

Countdown Timer

Submitted by: Shehab Ahmed Hassan Kotb	16p6014
Basil Essam Abd El Fattah	16p6013
Hazem hamada Abdellaif	16p3100
Gasser Tarek ali	16p6024

Group 12

Submitted to: Dr. haytham azmi
Eng. Mostafa Arafa

Work split table

function	file	developer
bool handleInput(int* time) unsigned char getPress(void)	Timer.c & Timer.h Keypad.c & Keypad.h main.c	shehab
void LCD_String(char c[]); void reverse(char s[]); void itoa(int n, char s[]);	LCD.c & LCD.h	basil
void Configure_SysTick (void) void SysTick_Wait1ms(unsigned long delay) void SysTick_Wait1us(unsigned long delay) & initialization	SysTick_Timer.h SysTick_Timer.c Port_INIT.c & Port_INIT.h	gasser
void timerStart(int time) void BlinkLed(void)	Timer.c Timer.h	Hazem Hamada

Block diagram

