```c
/*******************************************************************************
 * Name:     clocks.h
 * Description: STM32 system clock initialization
 * Version: V1.00
 * Author: Ammar Alvi & Shannon D'Souza
 *
 * This software is supplied "AS IS" without warranties of any kind.
 *
 *
 *******************************************************************************/
#include <stdint.h>


 //Functions available for public use

 void sys_clockInit(void);
 void GPIO_clockInit(void);
 void AFIO_clockInit(void);
 void ADC_clockInit(void);
 void TIM1_clockInit(void);
 void USART3_clockInit(void);
```