UFCF6Y-30-3 Assignment Marking Template

Team Name:

Marking Scheme

Documentation

It is assumed that a single person will be responsible for writing each document but that input will be provided from the other team members via document reviews and meetings. Students can get marks for authoring the document, reviewing the document and attending the relevant meetings, all of which need to be documented. Authoring a document can earn up to 18 marks, reviewing a document up to 2 marks and attending the relevant meeting up to 1 mark. Where documents are co-authored the marks will be evenly split between the authors.

Code

It is assumed that a single person will be responsible for writing a particular component of the code. As each component will vary in complexity the marks that can be earnt are given in the relevant table below.

Student Names	Huseyin Sert	Dan Steer	Harrison Marcks	Jesse Batt	

Requirements

ECG

Document	B1					
	B2					
Reviews	B1					
	B2	✓	✓	✓	✓	
Meetings	B1					
	B2	✓	✓	✓	✓	

CC3200 Plethysmography

Document	B1					
	B2	✓				
Reviews	B1					
	B2	✓	✓	✓	✓	
Meetings	B1					
	B2	✓	✓	✓	✓	

Acceptance Tests

ECG

Document	B1					
	B2					
Reviews	B1					
	B2	✓	✓	✓	✓	
Meetings	B1					
	B2	✓	✓	✓	✓	

CC3200 Plethysmography

Document	B1					
	B2	✓				
Reviews	B1					
	B2	✓	✓	✓	✓	
Meetings	B1					
	B2	✓	✓	✓	✓	

High Level Software Design

ECG

Document	B1					
	B2					
Reviews	B1					
	B2	✓	✓	✓	✓	
Meetings	B1					
	B2	✓	✓	✓	✓	

CC3200 Plethysmography

Document	B1					
	B2					
Reviews	B1					
	B2	✓	✓	✓	✓	
Meetings	B1					
	B2	✓	✓	✓	✓	

Low Level Software Design

ECG

Document	B1					
	B2					
Reviews	B1					
	B2	✓	✓	✓	✓	
Meetings	B1					
	B2	✓	✓	✓	✓	

CC3200 Plethysmography

Document	B1					
	B2	✓				
Reviews	B1					
	B2	✓	✓	✓	✓	
Meetings	B1					
	B2	✓	✓	✓	✓	

Task List and Project Plan

ECG

Document	B1					
	B2				✓	
Reviews	B1					
	B2	✓	✓	✓	✓	
Meetings	B1					
	B2	✓	✓	✓	✓	

CC3200 Plethysmography

Document	B1					
	B2				✓	
Reviews	B1					
	B2	✓	✓	✓	✓	
Meetings	B1					
	B2	✓	✓	✓	✓	

Code

ECG		Huseyin Sert	Dan Steer	Harrison Marcks	Jesse Batt	
Boot Screen 0..5	B1					
	B2	✓				
Menu 0..10	B1					
	B2			✓		
A-D {polling 0..3, timer 0..8, interrupt 0..10}	B1					
	B2		✓			
Sliders 0..10	B1					
	B2			✓		
Buttons 0..5	B1					
	B2			✓		
Queues 0..8	B1					
	B2			✓		
DMA 0..15	B1					
	B2		✓			
Scheduler {round robin 0..5, time-slice 0..15, R/T 0..20}	B1					
	B2			✓	✓	
POST 0..10	B1					
	B2		✓	✓	✓	
Mutex data protection 0..15	B1					
	B2					
Data Logging 0..15	B1					
	B2					
Database 0.10	B1					
	B2					
Filtering 0..15	B1					
	B2					
Display pulse 0..15	B1					
	B2			✓		
Testing 0..15	B1					
	B2	✓				
Code reviews 0..10	B1					
	B2	✓	✓		✓	
Meetings 0..5	B1					
	B2	✓	✓	✓	✓	

CC3200 Plethysmography

Task	B	C1	C2	C3	C4	C5
I2C 0..15	B1					
	B2					
HMI via wireless 0..15	B1					
	B2		✓			
Browser menu 0..15	B1					
	B2					
Queues 0..5	B1					
	B2			✓		
Use MAX3000 sensor interrupts 0..15	B1					
	B2					
Use MAX3000 internal buffer 0..15	B1					
	B2					
Scheduler {round robin 0..5, time-slice 0..15, R/T 0..20}	B1					
	B2		✓			
POST 0..10	B1					
	B2					
Mutex data protection 0..15	B1					
	B2					
Data Logging 0..15	B1					
	B2		✓			
Database 0..10	B1					
	B2					
Filtering giving pulse rate 0..20	B1					
	B2					
Display 0..10	B1					
	B2		✓			
Testing 0..15	B1					
	B2	✓			✓	
Code reviews 0..10	B1					
	B2	✓	✓		✓	
Meetings 0..5	B1					
	B2	✓	✓	✓	✓	