Task	Owner	T-Shirt Size
Working on the WBS	-Morgan Tilong	S
1st mode: FB-RUN: (Run Natively on FDRM Board)		
1. Flash LED in specifc timing pattern on and off using timing delay loop.	-Xinyuan Zhao/-Morgan Tilong	M
2. In the timing loop check for value being read on capacitive touch slider on the board.	-Xinyuan Zhao/-Morgan Tilong	M
3. Function so if you press the slider on the left side, the LED should change to RED, if you press it in the middle the LED should change to GREEN, on the Right it should change to BLUE	-Xinyuan Zhao/-Morgan Tilong	L
Note1: Change should occur next time a command is sent to the LED to turn on.		
Note2: Run through provided timing pattern ten complete cycles and the end.		
2nd FB Debug		
1. Run all FB-Run programs, be able to send messages via UART to serial terminal. This terminal could be MCUXespresso or putty.	Morgan Tilong	M
2a. Messages should include significant changes to the code. such as LED GREEN ON, LED BLUE OFF for changes in the LED.	Morgan Tilong	M
2b. Show changes int the slider values.	Morgan Tilong	M
2c. Show timer changes when a new delay is set to take place.	Morgan Tilong	M
2d. User serial output to show any code activity such as code start and end.	Morgan Tilong	M
2nd Mode: PC-RUN: Run locally on PC in MCUXpresso, sending results to debug console		
1. Same as FRDM Boad code but apply differences.	-Morgan Tilong	

a. Capacitive touch slider cannot be activated, change LED color after every three *activations*.	-Morgan Tilong	M
b. Print LED GREEN ON or LED BLUE OFF to show that LED is being toggled. (use IFDEF for alternative behavior), same timing.	-Morgan Tilong	M
Note: Make sure timing on PC matches LED.	-Morgan Tilong	L
3. PC-DEBUG: A version of PC-RUN with additional print statements.		
a. -Run PC-RUN version with added debug print lines to the debug consol (in addition to LED messages)		L
Second Work Break Down Structure	-Morgan Tilong	S
note 3: LED timing cycle, starts with LED on followd by off using the following times. 500, 500, 1000, 500, 2000, 500, 3000, 5000 (milliseconds)		
note 4: Keep timing cycle values in constant lookup tables		
note 5: code shoule be modular with at least Main, LED and Touch function		
note 6: Code should be bare metal but we may use pin_mux.h, booard.h and MKL25z4.h		