Software Flowchart for Team Contact

1. Initialize all serial ports, sensors and flash card.
2. Enter main process loop
3. Start 1 hour timer
4. Take Data
   - Get pressure reading from sensor 1, Wait 100 ms
   - Get pressure reading from sensor 2, Wait 100 ms
   - Get SPI temperature data from Compensator, Wait 100 ms
   - Read accelerometer data from ADC, Wait 100 ms
5. Timer Done?
   - YES: Close Flash Card
   - NO: Repeat the process