Mark Sheet – Final Project Demonstrations – CSSE 4011
Student Name: Group:

Requirements	Max	Mark
Use physical sensors and/or actuators • At least one sensor other than temperature or voltage • Use of actuator(s)	10%	
Use non-trivial networking (at least 2) • At least 3 nodes • Node-to-PC, PC-to-node • Use of Bluetooth, Wifi or Other (e.g. Infrared)	10%	
Use techniques/methods from lectures (at least 2) • Localization and tracking • Time Synchronization • Sensor Data Fusion • Machine Learning or Deep Learning • Block Chain • IoT Techniques (e.g. MQTT, HTTP Rest, etc) • Data Muling	30%	
Visualization • Non-trivial visualization of sensor data on the PC or dashboard • The ability to issue commands to sensors from PC or dashboard	20%	
Others (at least 3) • Innovation, Creativity • Props • Advanced RTOS Library Features Implementation (,nanoPB, file systems, etc) • USB Interfacing (e.g. mass storage interface). • Deployment considerations features (e.g. e.g. Over the Air programming, bootloader)	30%	