

# DELIVERING AN IOT SYSTEM FOR A NEWLY BUILT UNIT

## Software/Hardware IOT Scope Document

### PROJECT OBJECTIVE/SCOPE

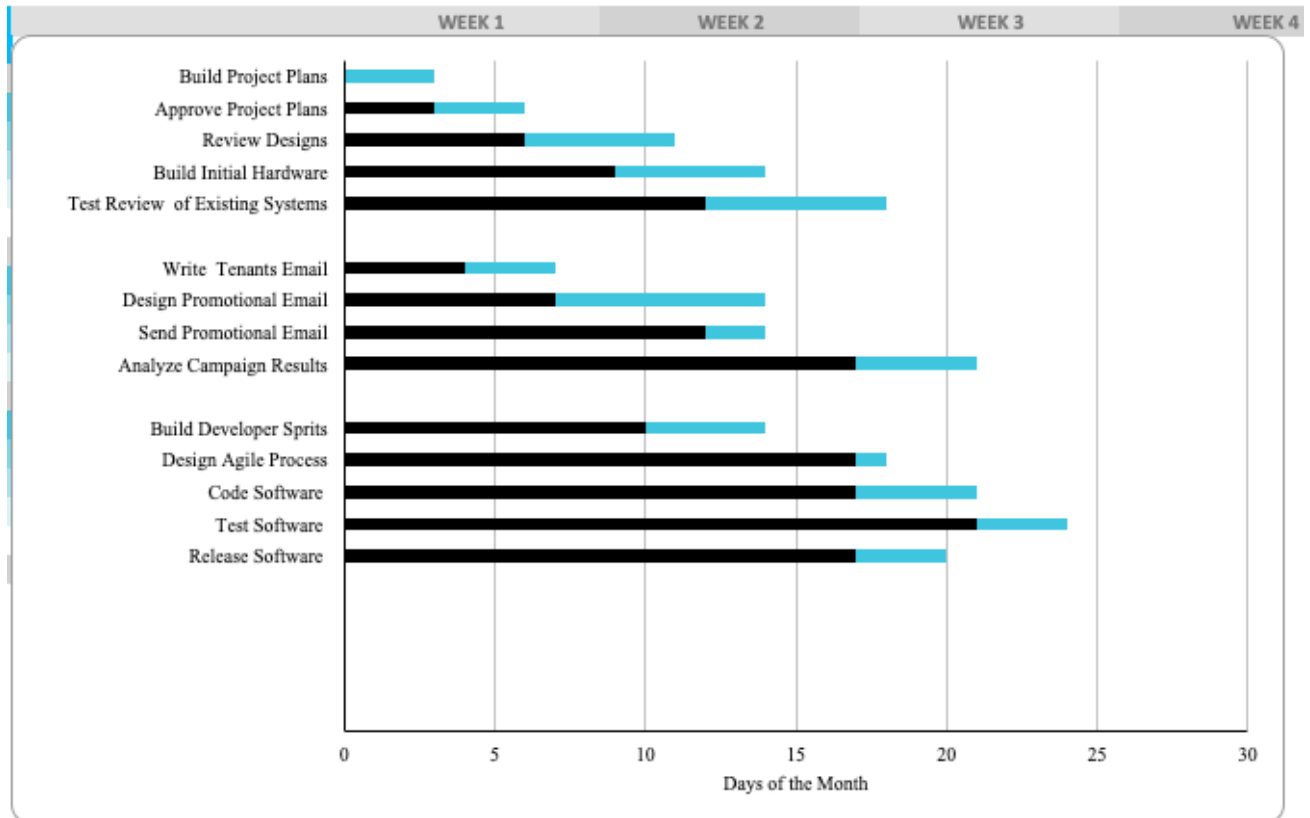
To construct a high-quality, custom building-monitoring system within five months at cost not to exceed \$150,000.

### DELIVERABLES

- Kitchen appliances that report to an IOT system.
- High-efficiency gas furnace with programmable thermostat.

### TIMELINE:

5 MONTHS



### MILESTONES

1. Permits approved—March 5
2. Routers/IOT infrastructure developed—March 14

3. Software implementation, testing —May 25
4. Final inspection—June 7

### **TECHNICAL REQUIREMENTS**

1. Home must meet local building codes.
2. Selecting, implementing, customizing and supporting new technologies across the IoT continuum, from sensors and cloud platforms, to analytics and AI.
3. Understanding and implementing unfamiliar data formats and proprietary communication protocols.
4. Integrating the IoT infrastructure with existing systems without overloading corporate networks, compromising security, exceeding budget or falling behind competitive efforts.

### **RESULTS**

1. The home IOT system will be built to the specifications and design of the original blueprints provided by the customer.
2. Refrigerator is not included among kitchen appliances.
4. Air conditioning is not included but rewiring is included. Monitoring for this system will only take place in the summer.
5. Contractor reserves the right to contract out services.
6. Contractor responsible for subcontracted work.

### **CUSTOMER REVIEW**

John and Joan Smith