# **DASS Sprint Backlog 1**

### **Team 51**

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### **Overview**

Project number	50
Project Title	Framework to access and Validate sensor data
Document	DASS Project Plan v1.0
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Created By	Pratyay Suvarnapathaki
Client	Prof. Anuradha Vattem, Smart City Living Lab, IIITH

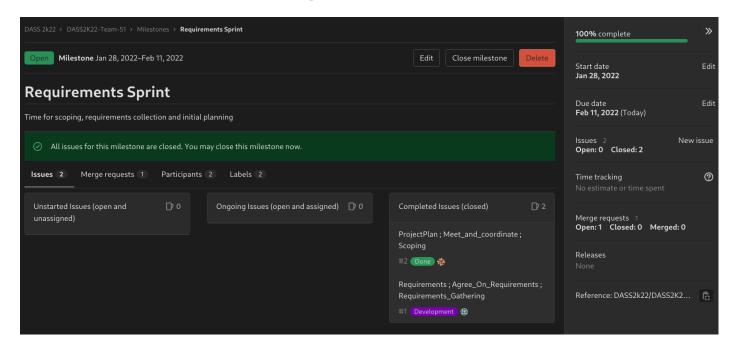
## **Problem Statement**

The Smart City Living Lab has recently deployed more than 100 data collection nodes across the campus. These nodes track various metrics for air quality, water quality, energy, weather, etc. Thus, a large amount of data is being generated.

The natural extension of this hardware framework is to build a robust software setup to ensure accuracy and consistency in sensor readings. Factors such as hardware malfunctions, network failures, or software glitches affect data quality and result in inaccurate data generation.

Therefore, our role is to develop a framework to integrate with the existing oneM2M-based setup, and implement features such as uniform data quality validation, outlier detection, and hardware malfunction indication.

# **Requirements Sprint Progress**



# **Dev Sprint 1 Plan**

