CRC Diagram

Smart Toilet Management System

STAFF	
 Data of all Janitors Keeping Track of the Activity Adding/Deleting Staff Member Finding Staff Member 	StaffMember Toilet

StaffMemb	er
 Data of a particular Janitor Track of the Activity Updating Contact Information Sending signal of success/failure of a cleanup 	UpdateMember Staff Toilet

UpdateMe	ember
Verify Input Data Update Information	StaffMember

TOILETS	
 Data of all Toilets Keeping Track of the Activity Adding/Deleting Toilets 	• Toilet

Toilet	
 Sending/Receiving Sensors' Data Sending/Receiving information from Staff regarding cleaning Sending/Receiving information regarding unclean toilet 	GasSensorTurbiditySensorStaffStaffMemberToilets

UpdateSensor	
Verify Input Data Update Thresholds	GasSensor TurbiditySensor

GasSensor	
Sending/Receiving Sensors' Data Checking Data Updating Threshold	Sensor Toilet UpdateSensor

Sensor	
Sending/Receiving Sensors' Data Checking Data Updating Threshold	SensorToiletUpdateSensor

TurbiditySensor	
 Sending/Receiving Sensors' Data Checking Data Updating Threshold 	SensorToiletUpdateSensor