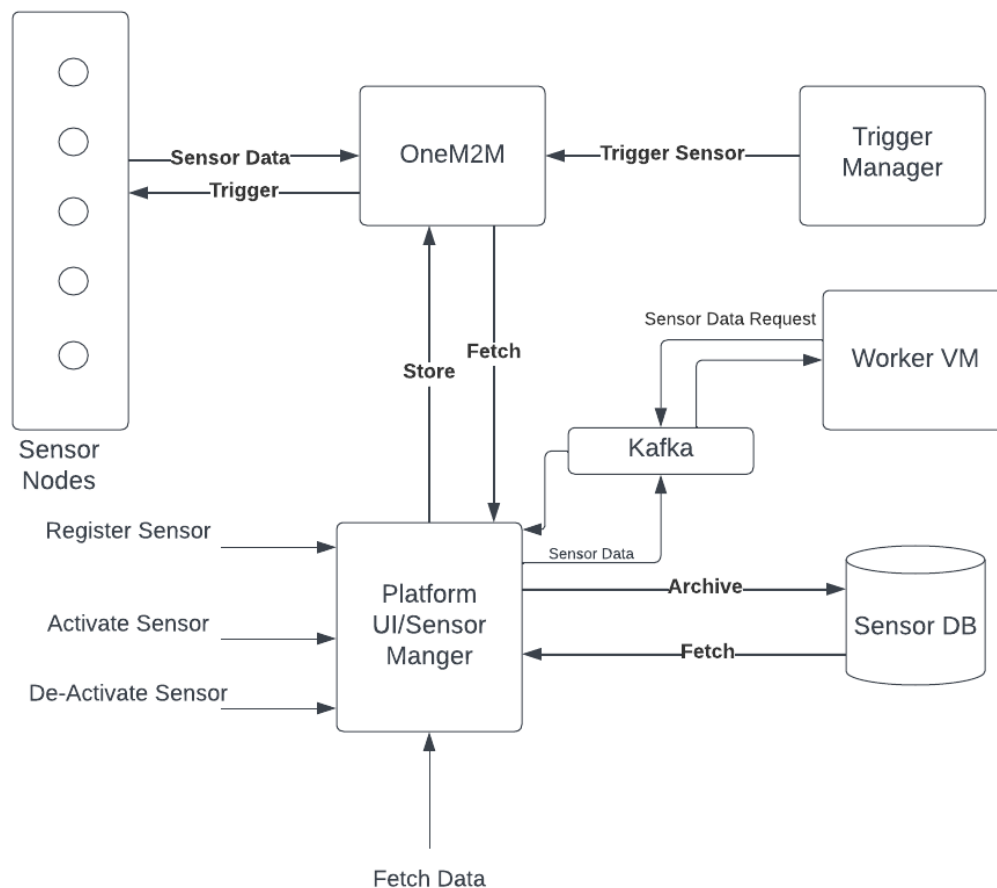IAS
Group 2
Team 1

Sensor Manager:

The platform UI serves as an interface to the sensor registrar, where they can control their sensor activity, register a new sensor and fetch its working in a defined time frame. The sensor nodes are directly connected to oneM2M which acts as a hub for the sensor data. The sensor DB is acting as a cold storage archive which stores the sensor data for a given period of time, mainly for analytics and health monitoring purposes.
When an application requests the sensor data, the request is patched through the sensor manager and it fetches data from the OneM2M and reverts back to the corresponding application.
The sensor manager has an analytics module, Query authentication module, Data preprocessing module and data visualization.