**IOT - IN - DATACENTER**

**Implementation Plan**

**PART 1:**

**Keep Humidity in Check**

IOT can be used to detect and report any presence of vapor or liquids in data centers which could damage the systems.

**Devices & Sensors:** Raspberry PI-3, Humidity Sensor.

**PART2:**

**DETECT WATER LEAKS**

Detect if there is a water leak from external sources and report for further measures to be taken.

**Devices & Sensors:** Raspberry PI-3, Water Leakage Sensor.

**PART3:**

**MAINTAIN OPTIMAL TEMPERATURE**

Use temperature information to optimize the cooling system and raise the ambient temperature to save energy with confidence that you won’t overheat sensitive IT equipment

**Devices & Sensors:** Temperature Sensor.

**Future**

**Implement small-scale**

Extend reliability and large-scale implementation features.

Use Omega 2 making the device space and cost efficient.

**Devices & Sensors:** Omega 2