



IOT BASED DATA CENTER SECURITY MANAGEMENT SYSTEM

Mansoor Ahmed Bakhit Al Hadhri, Aseell Said Ismail Dashisha, V. Devarajan
University of Technology and Applied Sciences, Salalah, Oman
PT46J1813900@sct.edu.om, 46J179628@sct.edu.om

Abstract: In our daily life, the whole world has become mostly dealing with the Internet of Things and interacting with it in all aspects of scientific and practical life. The Internet of Things plays an active role in providing us with many things that help us protect our devices and keep them working. In our project, we are planning to develop IOT based smart data center security management system which talks about providing appropriate protection for our devices, human being, and an environment by dealing with the devices remotely, smartly without the interference of any human being. This project discusses a set of solutions using different means of specialized technologies in visual monitoring systems, fire detection systems, gases, and water leakage /moisture detection sensors.

Key words: Raspberry-pi 3, IP Camera, temperature sensor, Smoke sensor, Water-leakage sensor, Fire sensor, GSM.