ABSTRACT

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IMPLEMENTATION OF DEVICE AND VENDOR CRUD OPERATIONS FOR THE AIR QUALITY MONITORING SYSTEM AT PT. MANUNGGALING RIZKI KARYATAMA TELNICS

Practicing professional work (KP) which is carried out at PT. Manunggaling Rizki No. 32. Comp. Studio Hurip Estate, Jatisari, Buah Batu, Bandung City. PT. MARKTEL is a technology-based company in the fields of electronic control devices, telecommunications and information technology. The KP program internship starts from June 19 2023 to August 31 2023. During the KP program period, the interns are placed in the IT Engineer section who are responsible for developing Create, Read, Update and Delete (CRUD) operations for devices and vendors for air quality monitoring systems. This system includes device monitoring and vendor information. The device information system is used to check the active status of the device and the vendor information system is used to obtain contact from the vendor related to the system. Practitioners gain a lot of knowledge, experience and a network of relationships. As well as the ability to implement integrated CRUD operations in air quality monitoring systems.

Keywords: *CRUD (Create, Read, Update and Delete), air quality monitoring system*, HCD-6818 sensor.