

ABSTRACT

**RESEARCH ON DIGITAL TRANSFORMATION
TECHNOLOGY 4.0 IN THE HEALTH INDUSTRY**

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MSIB activities at PT Stechoq Robotika Indonesia are held from 7 February 2022 to 14 June 2022. One of the positions offered in the internship is *Software Engineer*. PT Stechoq Robotika Indonesia is an R&D (*Research and Development*) company that focuses on developing product innovations for robotics technology and Industrial IoT 4.0. The author is plotted on the *Quality Control (Ventilator)* and the projects that must be carried out in this MSIB activity are project fragments from PT Stechoq Robotika Indonesia Indonesia, namely *Quality Control (QC) Patient Trigger* as the *main project* and *Quality Control (QC) Rotary Encoder* and *Quality Control (QC) Battery Calibrator* as a *side project* or additional project.

Keywords: *Quality Control, Ventilator, Stechoq Robotics Indonesia, MSIB, Independent Campus.*