

ABSTRACT

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DESIGNING A DASHBOARD FOR THE SUB-MENU OF SCIENCE, TECHNOLOGY, RESEARCH, AND INNOVATION PERFORMANCE INDICATORS AND THE PUBLICATION MODULE USING TABLEAU TOOLS AT BRIN

Professional work is an important part for students to apply the theory learned in lectures to the world of work. This report discusses the implementation of professional work at the National Research and Innovation Agency (BRIN), especially at the Directorate of Research, Technology and Innovation Measurements and Indicators. The intern is tasked with designing a dashboard prototype for the Science and Technology, Research and Innovation Performance Indicators sub-menu and the publication module using Tableau tools. In the implementation process, practitioners apply the principles of the 8 Golden Rules learned from the Human and Computer Interaction (IMK) course to ensure a user-friendly, consistent, and responsive design. The work process carried out by practitioners includes design analysis, making wireframes, making mockups, and implementing the design into Tableau. The result of this professional work is a dashboard design that displays visualization data related to National Science and Technology, Research and Innovation indicators. Apart from that, practitioners gain new experience in using tools, team collaboration, time management, and developing data-based interface design skills.

Keywords: Professional Internship, Tableau, BRIN, Mockup, Wireframe, 8 Golden Rules