

ABSTRACT

The implementation of IoT systems and web applications in the Car Rally event requires comprehensive technical documentation to support system development and maintenance.

This documentation includes system architecture, workflow processes, database descriptions, and guidelines for hardware usage and configuration. The project adopts an agile documentation approach, allowing iterative updates in line with system development. The documentation process involves planning, content creation, review, and maintenance through version control.

A major challenge encountered is the gap in understanding between technicians, internal teams, and clients when utilizing the available documentation. To address this issue, a multimodal approach is employed by integrating text, visuals, and video to enhance accessibility and comprehension. As a result, the documentation has proven effective in assisting technicians with hardware installation, configuration, and troubleshooting, while also improving team collaboration efficiency within the TransTRACK environment.

Keywords: Internet of Things (IoT), Web Application, Car Rally, Technical Documentation, Agile Documentation, TransTRACK.