

Building a control and monitoring program to simulate an export fish classification system.

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Abstract: This topic focuses on building an automatic monitoring program to simulate and manage the fish sorting process in the export supply chain. The context for selecting this topic is based on the necessity of automation technology in the fishing industry. The objective is to develop a supervisory control system that improves performance, reduces sorting errors, and optimizes workflow. The research methodology includes both theoretical system modeling and experimental application deployment on a digital platform. The expected result is a flexible solution applicable in various tuna business environments, while contributing to improving the quality of export products.

Keywords: Building an automatic control and monitoring program, simulating a fish classification system and export supply chain.