

Building an automation system for Youth Union – Association work based on Computer Vision, LLMs, and the N8N platform.

Nguyen Mai Hoa

Abstract: This topic focuses on building an automated system for Youth Union - Association work through the application of advanced technologies such as Computer Vision (CV), Language Learning Models (LLMs), and the N8N automated workflow management platform. The context of the topic stems from the need to optimize performance in current Youth Union - Association activities. The objective of the research is to design and deploy a system that enhances information processing capabilities, image classification, and workflow management. The research methodology combines both theory and experimentation to ensure the effectiveness of the solution. The expected results will contribute significantly to improving Youth Union - Association work and enhancing the quality of services provided to members.

Keywords: Computer Vision, Language Learning Models (LLMs), N8N, automation of Youth Union - Association, process management