Research and development of an automated workflow system for the Youth Union at the Faculty of Information Technology based on the n8n platform and large language models (LLMs)

Nguyen Thanh Long

Abstract: In the modern context, optimizing the operational processes of youth organizations has become essential. This topic focuses on researching and building an automation system for the Youth Union activities at the Faculty of Information Technology using the n8n platform and large language models (LLMs). The goal of the topic is to improve operational efficiency, save time, and enhance the experience for members. Through a combination of theoretical research and experimentation, the topic aims to contribute to the development of technology supporting youth organizations in the future.

Keywords: automation, Youth Union workflow, n8n, large language models (LLMs), work efficiency