

## DEVELOPMENT OF THE PROJECT MANAGEMENT PLATFORM

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In modern enterprise management, the construction of a digital project management platform is not only a technical implementation challenge, but also an innovation in the enterprise's operating model and management philosophy. Enterprise project management platforms have become a key tool for organizing efficient collaboration and improving management efficiency. By building an integrated and intelligent project management platform, enterprises can manage the entire project life cycle.

This project uses popular technologies such as Spring Boot, Vue, Mybatis-Plus, Flowable, and Sa-Token to jointly build a powerful and complete system. Flowable is a powerful workflow engine for defining, executing and managing business processes. Integrated Redis provides high-performance caching solutions and optimizes system performance. OSS (Object Storage Service) is used to store files and documents.

The main functional modules include user management, authority management, process design, process deployment, process execution, process monitoring, reporting and analysis, etc. The functional modules of the workflow management platform are designed to simplify the enterprise's business processes by providing an integrated solution. Improve overall operational efficiency and management level.

### References

1. Spring Boot [Electronic resource]. – Access mode: <https://spring.io/projects/spring-boot>. – Access date: 08.05.2024
2. Vue.js - The Progressive JavaScript Framework [Electronic resource]. – Access mode: <https://vuejs.org/>. – Access date: 08.05.2024.
3. Flowable: Business Process Automation | Low-code | Workflow Automation [Electronic Resources]. – Access mode: <https://www.flowable.com>. – Access date: 08.05.2024.

## DEVELOPMENT OF THE GERIATRIC CARE MANAGEMENT SYSTEM

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The purpose of this project is to establish an information system for nursing home management. In order to achieve these goals, this project chose Nodejs [1] and Express frameworks to build an information system that conforms to the RESTFUL interface, used JWT (JSON Web Token) for user authentication and authorization, and used MongoDB [2] as the database to store data in the nursing home management system. MongoDB is a non-relational database is suitable for storing large amounts of unstructured data.

This system can play an important role in helping nursing homes improve management efficiency, provide personalized services, ensure the health and safety of the elderly, enhance family participation and security, and establish an effectiveness evaluation system.

The main functional modules include user management, elderly management, employee management, service management and other functional modules. Each module is responsible for processing corresponding business logic, such as user login, elderly information query, employee information modification, etc. These functional modules together form the core of the nursing home