management system to ensure that the daily operations and management of the nursing home are efficient and orderly.

References
1. Node.js – Run JavaScript Everywhere [Electronic resource]. – Access mode: https://nodejs.org/en. – Access date: 15.04.2024.
2. MongoDB: The Developer Data Platform [Electronic resource]. – Access mode: https://www.mongodb.com. – Access date: 15.04.2024.

UDC 004.415

DEVELOPMENT OF THE CULTURAL TOURISM MANAGEMENT SYSTEM

Guo Yuanfeng, master's degree student, Zhyzneuski V., PhD in Physics and Mathematics, Biziuk A., senior lecturer

Vitebsk State Technological University,
Vitebsk, Republic of Belarus

This project is the development and optimization of a tourism management system. Based on Java programming language, Spring Boot [1] framework, MySQL [2] database and Vue.js [3] front-end framework, a tourist attraction management system is designed and implemented. The system aims to provide an efficient and convenient management platform to help scenic area managers better organize and manage scenic area resources and improve service quality and tourist experience.

In terms of system design, we use Spring Boot as the back-end development framework and Vue.js as the front-end framework to achieve a front-end and back-end separation architecture. The backend adopts the IoC and AOP features of the Spring framework, provides a RESTful API interface, and implements core functions such as user management, attraction management, and reservation management. The front-end uses the Vue.js framework to build a user-friendly interface and implement functional modules such as data display and interactive operations. During the system implementation process, we made full use of the rapid development features of Spring Boot and the flexibility of Vue.js, and improved the maintainability and scalability of the system by separating the front and back ends.

The system has good user interface design and user experience, which can effectively improve the efficiency of scenic spot management, optimize service processes, and improve tourist satisfaction. Through research and practice, we want to verify the feasibility and effectiveness of the tourist attraction management system developed based on Spring Boot and Vue.js, provide a new idea and solution for the information construction in the field of scenic spot management, and promote scenic spots The improvement of management level and the process of modernization.

References
1. Spring Boot [Electronic resource]. – Access mode: https://spring.io/projects/spring-boot. – Access date: 15.04.2024
2. MySQL Documentation [Electronic resource]. – Access mode: https://dev.mysql.com/doc. – Access date: 15.04.2024.
3. Vue.js – The Progressive JavaScript Framework [Electronic resource]. – Access mode: https://vuejs.org/. – Access date: 13.04.2024.