

# Source Code Maintenance - Online Medical System

---

The Online Medical System is designed with maintainability in mind, aiming to facilitate future updates, bug fixes, and code enhancements. The following strategies and practices are employed to ensure efficient source code maintenance:

## Code Documentation:

The source code is thoroughly documented using appropriate comments and inline documentation. This documentation serves as a reference for developers who need to understand the codebase, its functionalities, and how different components interact. Descriptive function and variable names are used to enhance code readability and maintainability.

## Continuous Refactoring:

Regular refactoring is performed to improve the codebase's maintainability, readability, and performance. Code duplication is identified and refactored to enhance code quality. This iterative process helps keep the codebase clean, maintainable, and adaptable to future changes.

By employing these source code maintenance strategies, the Online Medical System ensures that the codebase remains manageable, maintainable, and scalable over time. Regular updates, bug fixes, and improvements can be easily incorporated, enabling the system to evolve and meet the changing needs of users.