1. INTRODUCTION

The Library Management System helps automate library operations. This document provides steps to install, configure, and deploy it.

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2. PREREQUISITES

- **Java Development Kit (JDK)** (version 8 or higher)
- Access to the system's source code and required resources

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3. INSTALLATION

1. Download and extract the source code files to your local machine.

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4. CONFIGURATION

- Open the project directory.
- Edit configuration files (e.g., config.properties) as needed, adjusting database, paths, and logging settings.

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5. DEPLOYMENT

1. Open a terminal.
2. Navigate to the source code directory.
3. Compile and run the program (e.g., javac LibraryDemo.java and java LibraryDemo).

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6. TESTING

- **Unit Testing**: Check individual components.
- **Integration Testing**: Test interactions between modules.
- **User Acceptance Testing**: Gather user feedback on usability.

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7. TROUBLESHOOTING

- Check logs for errors.
- Verify configuration settings.

8. MAINTENANCE

- Regular backups of data and configuration files.

- Apply software updates.

- Monitor performance and seek feedback for improvements.

9. CONCLUSION

Following these steps ensures a smooth deployment and operation of the Library Management System.