

INTERSHIP REPORT

PROJECT TITLE

SUBSCRIPTION MANAGEMENT SYSTEM

INTERN NAME

TAKUNDA LENNOX J GALANJE

INTERNSHIP ROLE

WEB DEVELOPER INTERN

ORGANIZATION

VAULT-TEC SECURITY

1. Introduction

This project aimed to build a responsive, full-stack web-based subscription management system allowing users to manage subscriptions and receive reminders for upcoming payments.

2. System Overview

The system comprises modules for authentication, subscription management, notifications, and settings. Technologies used include HTML, CSS, JavaScript, PHP/Node.js, and MySQL.

3. Day-wise Task Breakdown

Day 1: Setup development environment and folder structure.

Day 2: Designed responsive homepage.

Day 3: Implemented login and registration with validation.

Day 4: Created dashboard displaying subscription data.

Day 5: Developed Add/Edit/Delete features.

Day 6: Integrated email reminders.

Day 7: Added search and filter options.

Day 8: Designed user settings page.

Day 9: Conducted testing and debugging.

Day 10: Finalized project and prepared documentation

4. Features Implemented

- User Authentication
- CRUD operations
- Notifications Search
- FilterProfile management

5. Setup instructions

1. Clone the GitHub repository.
2. Set up MySQL and import the database.
3. Configure PHP/Node.js mailer.
4. Start the development server.
5. Open in browser at localhost.

6. Challenges Faced

Encountered challenges with form validation, email setup, ensuring smooth CRUD functionality across all pages including implementation of the backend.

7. Lessons Learned

Improved skills in full-stack development, better understanding of REST operations and real-world debugging techniques.

8. PROJECT LINKS

[LennoxGalanje/Subscription-Management-System](https://github.com/LennoxGalanje/Subscription-Management-System)

9. Conclusion

The internship was a valuable learning experience that enhanced both technical and project management skills.