



Work Progress Report

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Introduction

This report outlines the backend development work carried out on the **Aby HR Management System**, focusing on improving system performance, implementing new features, and resolving existing issues to ensure smooth operation.

Task Focus:

Backend Development, Feature Implementation, and Bug Fixes

What Was Done

- Developed and enhanced backend APIs to support HR management workflows.
 - Implemented secure authentication and authorization mechanisms.
 - Fixed database query issues, improving data retrieval speed and reliability.
 - Added new endpoints to manage employee records, payroll, and leave requests.
 - Improved error handling and validation across multiple modules.
 - Conducted testing to ensure API responses were accurate and efficient.
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Current Status

- Core backend features are functional and integrated with the frontend.
- Database performance has improved after query optimizations.
- Minor improvements are pending for advanced reporting features.

Next Steps

- Implement automated testing for critical backend processes.
- Enhance reporting and analytics capabilities.
- Continue monitoring performance and security.

Summary

Today's backend development work on the **Aby HR Management System** focused on strengthening the system's core functionality, improving database performance, and introducing new features for better HR process management. The updates have made the system more stable, secure, and efficient, laying the foundation for future enhancements.