📋 Daily Work Progress Report

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📝 Introduction

Today, I worked on the Parent Fish Pool Management module in the Fine Fish system. The goal was to improve how the system manages parent fish, handles water changes in their pools, and tracks the migration and feeding of eggs transferred to laboratory boxes. These updates were designed to make fish breeding and care more efficient and well-monitored.

✅ Key Tasks Completed

1. 🐟 **Parent Fish Pool Management**

   - **Implemented frontend interfaces for monitoring and managing parent fish pools.**

   - **Added tools to log and schedule water changes, ensuring proper maintenance and tracking.**

- - Designed the layout for better visibility of fish health and pool conditions.

2. 🧬 **Egg Migration Tracking**

   - - Created features to record and manage the migration of parent fish eggs from pools to laboratory boxes.

   - - Integrated a visual tracking system showing which eggs belong to which parent fish and their current location.

   - - Ensured all migration data updates in real time for accurate records.

3. 🍽 **Egg Feeding Management**

   - - Developed interfaces to track feeding schedules and monitor egg nutrition in laboratory boxes.

   - - Added update options for feeding logs and schedules.

   - - Improved usability with a clear, simple design for managing feeding routines.

4. ⚙️ **System Integration and Real-Time Updates**

   - - Linked all features with backend endpoints for water change, migration, and feeding management.

   - - Ensured data updates instantly across all modules for seamless monitoring.

📚 Summary

The Fine Fish Parent Fish Pool Management module now provides:

- 🐟 **Comprehensive control of parent fish pools with water change tracking.**

- 🧬 **Accurate monitoring of egg migration from pools to laboratory boxes.**

- 🍽 **Efficient feeding management for eggs in lab environments.**

- ⚙️ **Real-time updates for smooth and transparent operations.**

These enhancements make the Fine Fish system more organized, interactive, and efficient for managing parent fish care, egg migration, and feeding activities.