

★ Project Status Update – Loan Management System

Project: The First MicroFinance Bank – Loan Management System

Version: 1.1

Date: July 10, 2025

☐ Completed Tasks:

Week 1 – Setup & Authentication:

- ☐ Laravel project initialized and configured (.env, database setup)
- ☐ Authentication system scaffolded with multi-role support (Receptionist / Loan Officer)
- ☐ Migrations and seeders created for staff and roles
- ☐ Role-based login functionality implemented with appropriate redirects

Week 2 – Reception & Data Entry (In Progress):

- ☐ Receptionist form developed for customer registration
 - ☐ Loan fields (`loan_amount` and `repayment_schedule`) integrated into the customer schema
 - 🔗 Validation using `FormRequest` classes is underway
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✂️ ☐ Current Focus:

I am currently working on **backend data storage design**, specifically:

- Expanding the **ER Diagram** to include additional entities and relationships
 - Mapping out foreign key constraints and relational structure for `staff`, `customers`, `loans`, and repayment schedules
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☐ Next Steps:

- Translate the finalized ER Diagram into **MySQL Workbench**
 - Use migrations or schema SQL to **create corresponding tables**
 - Build logic to **populate database through the application interface**, beginning with receptionist form submission
 - Finalize and test validation logic for customer data
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☐ Status Summary:

The project is **on track**. Week 1 tasks are complete, and initial Week 2 tasks are ahead of

schedule. Current efforts are focused on database structure enhancements to support scalable and relational data handling before moving into Week 3 (Loan Officer Module).
