

# Weekly Status Report – Loan Management System

Version: 1.2

Date: 7/17/2025

Changes:

Added a dedicated `addresses` table to standardize and centralize address data across entities.

## Weeks 1–2 (Completed)

### Setup & Authentication (Week 1):

- Initialized Laravel project and configured environment file and database connection.
- Scaffolding for authentication completed, including user roles: Receptionist and Loan Officer.
- Created database migrations and seeders for staff, roles, and users.
- Implemented login flow with role-based redirection.

### Receptionist Data Entry (Week 2):

- Designed and deployed the customer registration form for receptionists.
- Added `loan_amount` and `repayment_schedule` fields to the `customers` table.
- Enforced validation rules via custom `FormRequests`.

All functionality passed preliminary PHPUnit/Pest tests and manual QA.

---

## 🔄 Week 3 (In Progress)

### Current Focus:

1. **Filtering by ZIP Code**
  - Building backend filters and UI controls for Loan Officers to narrow customer lists by ZIP code.
  - Ensuring access control so officers see only region-relevant customer data.
2. **Database Schema Updates**
  - Creating a new `addresses` table to standardize location data across entities.
  - Migrating address fields (street, city, state, ZIP) from dependent tables into `addresses` with foreign keys.
  - Writing migration scripts and testing integrity after refactoring.

*Development is underway with unit tests targeting address migrations and filtering logic. Encountered minor foreign-key constraint issues, currently resolved.*

---

### **Next Steps – Week 3 (Remaining)**

- Finalize ZIP-code filter implementation and associated UI components.
  - Complete the `addresses` table migrations and update relevant Eloquent relationships.
  - **Upcoming Deliverable:** Provide Loan Officer dashboard view listing customers filtered by loan status.
- 

### **Upcoming – Week 4**

- Deliver customer list based on status for Officer dashboard.
  - Begin "Customer Detail & Printing" module: build detail view, implement status transitions, and include print-ready layouts.
-