

Weekly Project Status Update

Project: Loan Management System (Laravel + MySQL + Eloquent ORM)

Report Date: September 11, 2025

Changes: React and Node.js added in tech stack

1. Summary of Accomplishments

All previously listed tasks have been completed, including:

- Infrastructure & Setup: Laravel project initialized, configured .env, connected to MySQL.
- Authentication & Authorization: Roles for Receptionist and Loan Officer seeded; authentication implemented; role-based redirection applied.
- Receptionist Forms: Customer intake workflows built.
- Data Modeling: ERD created; tables set up; schemas and model relationships documented.
- Validation & Sanitization: Full JS frontend and PHP backend validation and sanitization implemented.
- Model Mappings & Filtering: Zip code filtering for Loan Officer territories; clear table-to-model mappings established.
- Loan Officer Dashboard Enhancements: Clickable customer summaries with detailed retrieval.
- Loan Application Module: Backend logic and frontend components scaffolded.

NEWLY COMPLETED THIS WEEK:

- Pending Loans Dashboard Enhancements:
 - Brief retrieval of loan application and customer info on Loan Officer's pending list.
 - "Approve" button implemented to update customer status to Approved.
 - Backend now auto-creates loan accounts for approved customers using data from `loan_application`, `business_type`, `customer`, `guarantors`, and `collaterals` tables.
 - Loan schedule calculation and display functionality added for Loan Officers.
 - Email button included to send loan schedules via email to approved customers.
 - Right-click event added on customer list items to allow deletion of selected customers.
- **Security & Best Practices Updates:**
 - All routes are secure now.
 - All passwords have been hashed.
 - Login routes are configured securely.
 - All of Schology's requirements have been applied on the project.

2. Current Work In Progress

- Designing how to apply RESTful API on the project.

3. Upcoming Deliverables (Next Week)

- Trouble-shooting: Identify and address bugs, performance issues or edge-case failures.
- Unit Testing: Begin writing and running unit tests to ensure code reliability, correctness, and to catch regressions early.