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Project Title: Pet Hospital Management System

Progress Report

Efforts made this week:
• Install VUE, mysql, node.js, springboot, Apache Tomcat, MyBatis.
• Added detailed descriptions for each major component of the system:
  – User account management
  – Pet information management
  – Appointment scheduling
  – Medical records
  – Inventory management
  – Billing and payments
• Reviewed components and determined no additional major pieces needed
• Began basic prototyping:
  – Installed Spring Boot framework
  – Tested connecting Spring Boot to MySQL database
  – Experimented with creating basic REST APIs

Goals for next week:
• Finalize updated project proposal with detailed component descriptions
• Continue prototyping core functionality:
  – User authentication/authorization
  – Basic CRUD operations for pet records
  – Appointment creation and management
• Research options for front–end framework (e.g. Vue.js vs React)
• Begin planning database schema

During the summer course, I used VUE to complete some front–end code in vscode. At that time, the code was written on the Windows system. In the next 1–2 weeks, I will try to make these codes run on the iOS system and modify them according to the situation.