



## Project Status report

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Community & UN SDG(s):	<b>Community:</b> Regina Humane Society (RHS), Organizations Receiving Food from RHS, and Suppliers <b>UN SDG Goals:</b> Goal 2: Zero Hunger – Ensuring food is distributed efficiently to those in need. Goal 12: Responsible Consumption & Production – Reducing food waste and improving how resources are managed.
MVP #1	<b>MVP 1: Initial System Setup &amp; Request Management</b>
Sprint cycle dates:	Sprint Start: February 10, 2025 Sprint End: February 23, 2025

Project Name	WhiskerBytes
Blurb	<p>Our project aims to modernize and digitize the food donation process for the Regina Humane Society (RHS). Traditionally, RHS has relied on manual tracking methods, including spreadsheets, phone calls, and handwritten logs, making it time-consuming, error-prone, and difficult to scale.</p> <p>With our system, we are:</p> <ul style="list-style-type: none"><li>• Creating a structured platform where RHS staff can efficiently manage food requests.</li><li>• Providing community organizations with a seamless request system to eliminate phone-based coordination delays.</li><li>• Allowing suppliers to log donations digitally, reducing miscommunication.</li><li>• Enabling real-time inventory updates to prevent shortages and minimize waste.</li><li>• Introducing automated reporting features to streamline decision-making.</li></ul>
For Week Ending	February 24, 2025
Project Status	Green
Status Description	The project is moving forward as planned. Core features such as food request submission form and approval workflows are created. The integration between UI and APIs will be completed in our next check-in.

### Activities—During the past sprint cycle

#### 1. Backend Development & Database Setup (Done by Mohammad Abbasi)

- Implemented database schema for food request tracking and inventory management.
- Implemented exception handling for requests.
- Developed API endpoints for:
  - Submitting, approving, and rejecting food requests.
  - For adding donors, and food requesters (Community people or organization)



## 2. Frontend Development & User Interface Enhancements (Done by Savan Pedhadiya)

- Designed and implemented Admin Dashboard for streamlined request management.
- Developed food request submission UI for RHS staff.
- Implemented login page.
- Bug fixes & optimizations based on test results to improve system responsiveness.

## 3. Internal Testing & System Review (Done by Aliasgar Mithawala)

- Conducted internal user testing within the development team to validate core functionalities.
- Tested food request submission to ensure smooth functionality.
- Identified UI/UX refinements, leading to minor interface improvements for better usability.

## Project Issues

### Challenge: Database design and project structure

- Issue: Deciding between following best practices in structuring our project using the Model-View-Controller (MVC) pattern—which involves keeping database access objects separate from services, routes, and controllers—or simplifying things by having just controllers and routes for now. This decision impacts code maintainability, scalability, and ease of development, so we're carefully evaluating the best approach moving forward.
- Solution: we are following the best practice and leaving the space for the future changes.

## Project Changes

The team received a copyright notice from whiskerByte, requiring a name change to avoid legal issues. To address this, Aliasgar Mithawala has notified Dr. Timothy Maciag and is awaiting approval before finalizing a new project name. Once confirmed, all relevant project documents will be updated accordingly. Additionally, the YouTube video uploaded under the name WhiskerBytes will remain public until Project Activity-1 is marked, after which it will be made private to align with the name change.

## Activities—Planned for Next Week

- Planning to finish MVP-1:
  - Implement API connections with the UI.
  - Admin can view particular request in detail.
  - Develop basic inventory viewing module.
- Enhancements & Testing
  - Conduct additional usability testing with RHS staff.

## Reflection

So far, our project is right on track. We're really proud of what we've accomplished, especially in building a functional request approval system. However, moving from manual tracking to a digital system has its challenges. RHS staff have been using the old process for a long time, so adapting to the new system will take some time and training. We also need to fine-tune real-time inventory updates to make them more efficient. As we head to completing MVP-1, we're focused on making the system even more user-friendly, and gathering feedback from RHS staff. Our goal is to make sure everything runs smoothly and is easy to use for everyone involved.