

# Zero Hunger App Final Report

## MESSAGE FROM OUR FOUNDER

We stand at the threshold of a transformative era in nursing, one teeming with unprecedented innovation and boundless possibilities. The traditional confines of healthcare are dissolving before our eyes, powered by the audacious and visionary minds of nurses all across Ontario. Our ZeroHunger initiative, a beacon of this groundbreaking innovation, stands testament to the indomitable spirit of nursing, having bloomed and thrived with the invaluable support from The Registered Nurses' Foundation of Ontario (RNFOO).

The depth of our gratitude for the Nurse Innovator Award received in 2022 is immeasurable. This significant recognition afforded the nurturing and ultimate realization of our pioneering idea, signifying a perfect symphony of social justice and technological innovation in healthcare. As we inch closer to the culmination of the current Nurse Innovator Award program in 2023, we pause to reflect on its transformative impact. The award has empowered countless nurses to showcase their immense potential to revolutionize healthcare through creative problem-solving and entrepreneurial vigor. ZeroHunger is not merely an app; it's a shining emblem of what nursing innovation can manifest, carving a path towards a healthier, more equitable future.

As we venture forth, our resolve to explore the untapped potential of AI in public health remains unwavering, ensuring that the flame of innovation continues to blaze fiercely. We extend our heartfelt gratitude to RNFOO for their invaluable contributions to this thrilling journey. The strides we've made bear testimony to the sheer power of collaboration and underscore the crucial role of nursing innovation in molding our communities.

**Amanda Ottley, RN**

## EXCITING NEWS

We're thrilled to share that the Zero Hunger App was selected as one of the projects for the AMS-Fitzgerald Fellowship in AI and Human-Centered Leadership.



And, we got to meet Gail in person at the AMS Healthcare Compassion and AI event at the ROM!

# Zero Hunger App



The Zero Hunger Application holds the promise to revolutionize how communities address their food security challenges, granting them the power to tackle their own food-related issues. The application, designed for ease of use, facilitates food sharing within local networks. Although food sharing platforms aren't a novelty, the true novelty of the Zero Hunger Application resides in the resilience-fostering algorithms integrated into its social networking features. To illustrate, instead of viewing each sharing action as an isolated event, the application uses the ensuing support network to cultivate community ties. Simultaneously, an AI-powered approach identifies opportunities to reinforce resilience and heighten social capital within the community. We are confident that this approach will not only address immediate hunger concerns, but also establish robust networks enhancing food security in specific communities for times to come.

This initiative aligns with the Sustainable Development Goals (SDGs) 2, 3, and 13 by addressing food security, promoting good health, and combating climate change. Recognizing that food banks offer temporary relief but not sustainable solutions, this project aims to eradicate hunger by cultivating connections and fostering food sovereignty within the community. By doing so, we contribute to the improvement of overall well-being (SDG 3), and by supporting the reduction of food waste we are combatting climate change (SDG 13). Our shared vision is a community where every household enjoys the security and empowerment of food sovereignty, a significant stride towards achieving Zero Hunger (SDG 2).

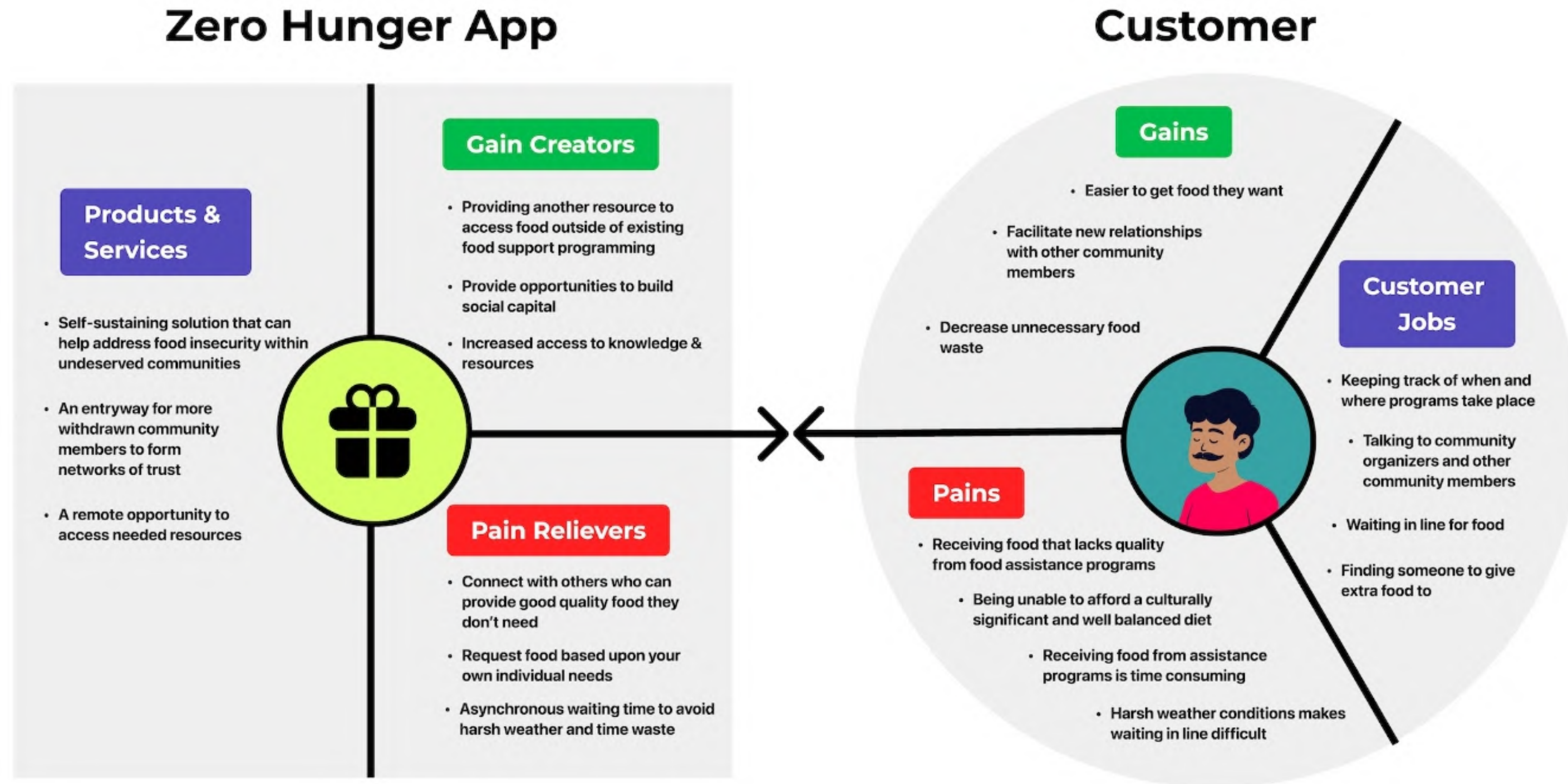
## EXCITING NEWS

We are delighted to announce a groundbreaking collaboration between the Pamoja Institute and researchers at Imperial College London, Stanford University, Ontario Tech University and Warsaw, Poland. This global partnership will investigate the operational dynamics of 'technology for community action' initiatives. The Zero Hunger App will function as an instrumental case study in our exploration. The aim would be to review how these projects can work well, and what best practices or new innovative ideas emerge from projects like Zero Hunger.



# Value Proposition Canvas

To ensure the trajectory of the Zero Hunger App is positioned to be aligned to the target users' needs.

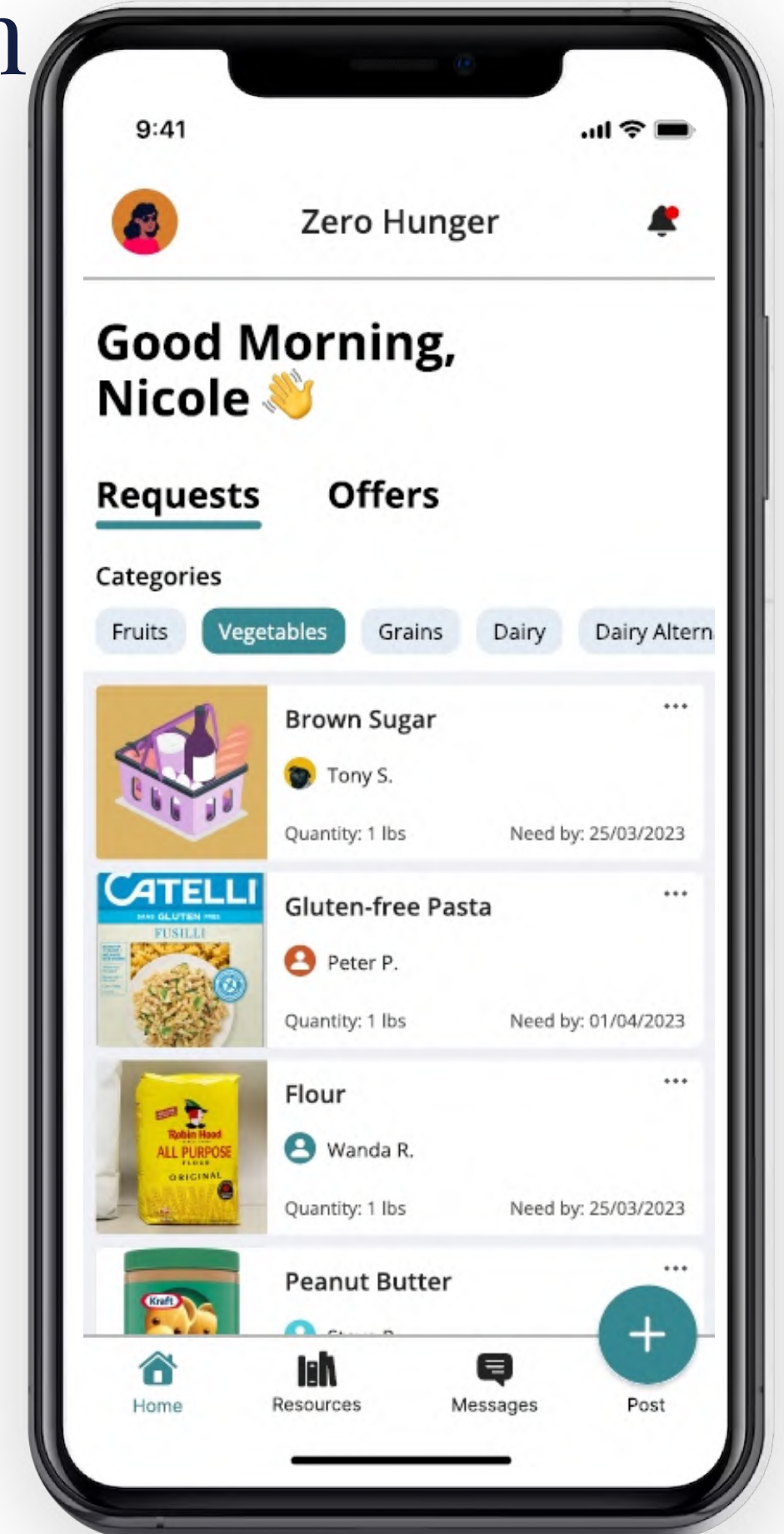
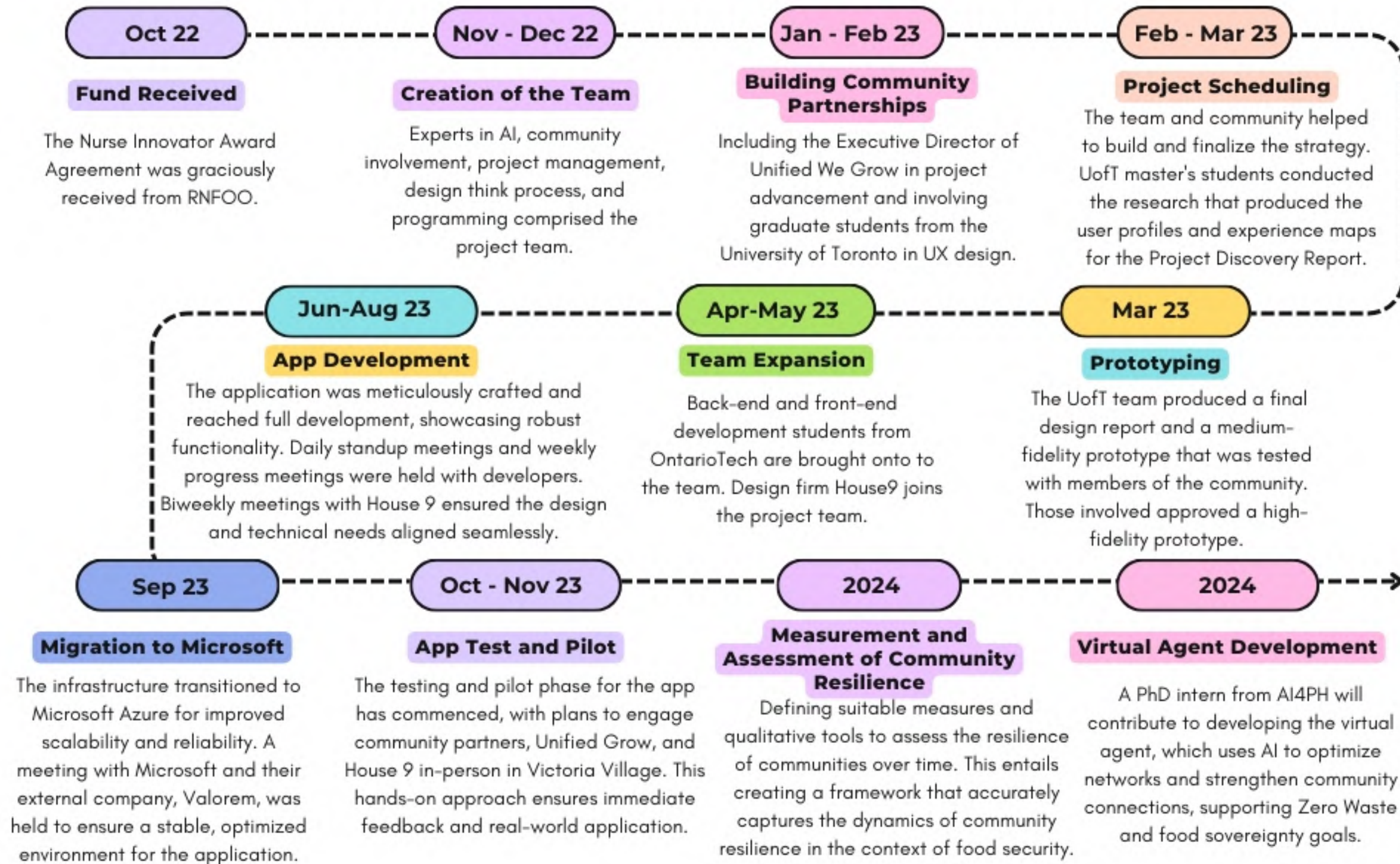


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# Advancing Technology for Community Action





# How You Can Help

There are several ways in which you can contribute to our mission and make a significant impact. Your involvement can be the game-changer in our quest for a hunger-free world.

- **Share the Opportunity:** Help us reach out to more students by sharing our AI4PH internship opportunity in your newsletters, class announcements, or dedicated emails. We are thrilled to announce that the Pamoja Institute is partnering with AI4PH (AI for Public Health), an initiative under the Health Research Training Program (H RTP) funded by CIHR. This esteemed platform is geared towards building capacity in AI to drive transformative changes in addressing public health challenges recognizing that the future of public health will be driven by the strategic use of AI with a steadfast commitment to health equity. It's a rare chance for nursing students to work on real-world public health challenges while gaining valuable AI experience. [Click here](#) to access the internship details.
- **Spread Awareness:** Learn about the issues surrounding food security and share this knowledge within your circles. Your awareness and advocacy can create an echo of action against hunger. [Explore resources](#).
- **Corporate Support:** As we near the year's end, we invite corporations to join hands with us in pioneering AI-forward public health solutions. Your contributions can be the catalyst for change - empowering us to offer fair wages to our interns and fuel our trailblazing initiatives. Don't just donate, invest in a future where technology and empathy unite to fight hunger. Every dollar counts. Please reach out to us at [socialgiving@pamojainstitute.org](mailto:socialgiving@pamojainstitute.org) if you are interested in working with us.
- **Donate:** We aim to offer our student workers a living wage, a wage that truly reflects the cost of living in Toronto. Your contribution to our student fund can help us bridge this gap, ensuring our hardworking students get the financial support they need.

