CASE STUDY 07 / RESEARCH & AUTHORSHIP / USE-CASE DEVELOPMENT

Designing Technology for Independence and a Second Working Life

Aging, workforce and connected living

THE BUSINESS CHALLENGE

Aging technology was too often framed solely around care and monitoring, rather than independence, social connection and continued economic participation.

THE WORK PERFORMED

01 Demographic and economic research. Studied the implications of population aging for independence, work, caregiving and community participation.

02 Aging-in-place use cases. Developed scenarios for lighting, temperature, locks, communications, television controls, sensors and alerts.

03 Connected routines and automation. Explored how integrated home controls and remote monitoring could support autonomy and reduce avoidable visits.

04 Workforce participation concepts. Developed technology-enabled mentoring and training concepts, including AR/VR-supported knowledge transfer.

05 Content and research development. Wrote books and practical use cases for seniors, families and service providers.

06 Community application. Incorporated accessibility, social connection and older-adult participation into broader community design research.

THE RESULT

Produced books, research and use cases for independent living, social connection and continued workforce participation. No implemented program outcomes have been claimed.

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focus areas: home and work

WHAT THIS EXPERIENCE PROVES

Demonstrates the ability to connect demographic research, connected-home technology and workforce innovation into practical age-friendly concepts.

BEFORE / TRANSFORMATION / AFTER

BEFORE	TRANSFORMATION	AFTER
Aging technology was often framed narrowly as monitoring and care.	Developed use cases for connected homes, remote support and technology-enabled mentoring.	A broader model emerged: support independence, reduce isolation and extend meaningful participation.

SELECTED CAPABILITIES

Market and demographic analysis | Economic research | Use-case development | Technology selection | Process analysis | Smart-home automation

Experience: Tracey DeLeeuw | Experience and venture descriptions reflect the founder interview. No additional client outcomes are implied.

Could your organization benefit from similar work? team@greenteaming.ca | LinkedIn: Green Teaming