

Development of GAP-APP

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Durham Foods is a recent recipient of the regional Ontario Premier's Award for Agri-Food Innovation Excellence and the first North American producer of year-round hydroponic spinach. The company provides year-round fresh produce for Ontario consumers and requires a web-based system with an interface for easy auditing, employee compliance and food safety processes. This would allow Durham Foods to attain CanadaGAP certification and meet Canadian government food safety program recognition requirements.

OBJECTIVES:

- To design, develop and implement a web-based system to replace and eliminate paper and binders.
- To design, develop and implement a mobile device app to ensure ease of audit, employee compliance and food safety at point of action.
- To leverage the above two systems to provide an automatic reminder system.

OUTCOME:

Food safety programs and audits are mandatory and standards must be met in order to provide produce to national grocery chains. With the development of a mobile device app, Durham Foods now has an electronic safety protocol that is accurate, tractable and inexpensive due to ease of use and access of data. This app has enhanced the operational effectiveness of Durham Foods and enabled it to acquire larger-scale contracts. As leaders in Ontario in food safety processes, Durham Foods now has the ability to expand its capacity tenfold.

**THE COLLEGES ONTARIO NETWORK FOR
INDUSTRY INNOVATION (CONII):**

CONII began in 2006 as a consortium of 10 colleges aimed at helping small- and medium-sized enterprises (SMEs) solve their technical problems, adapting new technologies for the marketplace, and developing new or improved products and processes. It has since grown to include all of Ontario's 24 colleges, giving it the strength of a true province-wide network.

**FOR MORE INFORMATION,
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