

VIRTUAL SIMULATION TOOL TO DEMONSTRATE PRACTICAL CAPABILITIES

Project Synopsis

Time: >12 months

Complexity: High

Cost: >\$100,000

This project creates a virtual simulation tool for internationally-trained workers (ITWs) to demonstrate their practical capabilities before they arrive in Canada.

PROJECT DESCRIPTION

A significant challenge faced by regulators and international applicants is the amount of time ITWs spend working to become certified. This project designs a virtual simulation tool for ITWs seeking certification to demonstrate their practical skills prior to arriving in Canada. This tool logs the results of an ITW's virtual performance and enables the regulator to analyze the applicant's practical skills while outside of Canada.

KEY OUTCOMES

- ITWs have a tool they may use to practice their skills safely, and a place to demonstrate their skills to regulators prior to coming to Canada.
- Regulators can begin assessing an ITW's practical skill immediately.
- ITWs spend less of their time in Canada becoming certified, and more of their time practicing in their preferred occupations.

KEY CONSIDERATIONS

- Initial prototype testing at an earlier stage helps to identify bugs and errors for system refinement.
- Allow time for modification of the product prototype based on user feedback, as further consultation may be required with subject matter experts and time to implement the feedback in developing the final product.

PROJECT COMPONENTS

- Design of an information technology tool to demonstrate practical skills
 - Developing scenario and action data entry functionality, user experience documentation and specification, user interface implementation of data entry tools for scenarios, visits and actions, and visual design refinement.

