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PORTOFOLIO





ABOUT ME

Results-driven Systems Analyst with expertise in low code technologies, including Microsoft Power Platform, custom code stacks like MERN and .NET, and AI technologies. Experience in enhancing business processes, designing, testing, and deploying custom applications, and integrating solutions with diverse systems. Proficient in Microsoft Azure, committed to security compliance, demonstrated leadership skills, and enthusiastic about contributing to the creation of best practices and development standards around low code.

EDUCATION

Computer Programming

Algonquin College

Mining and Metallurgy Engineer

National University of Colombia





WORK EXPERIENCE

Ontario Public Service

System Analyst

(Jan 2023 - Present)

Ontario Public Service

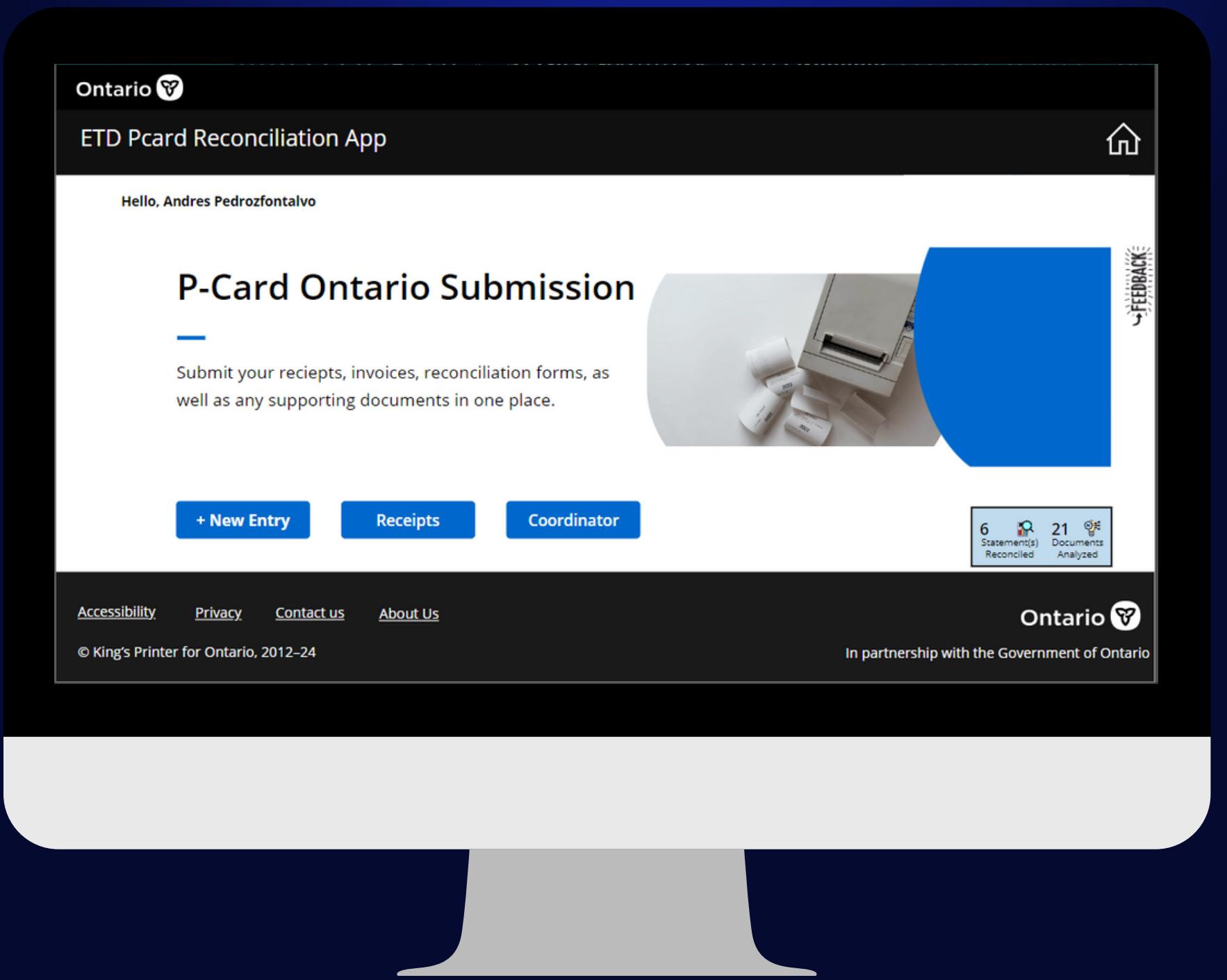
Low Code Developer

(May 2022 - Jan 2023)

MY WORK

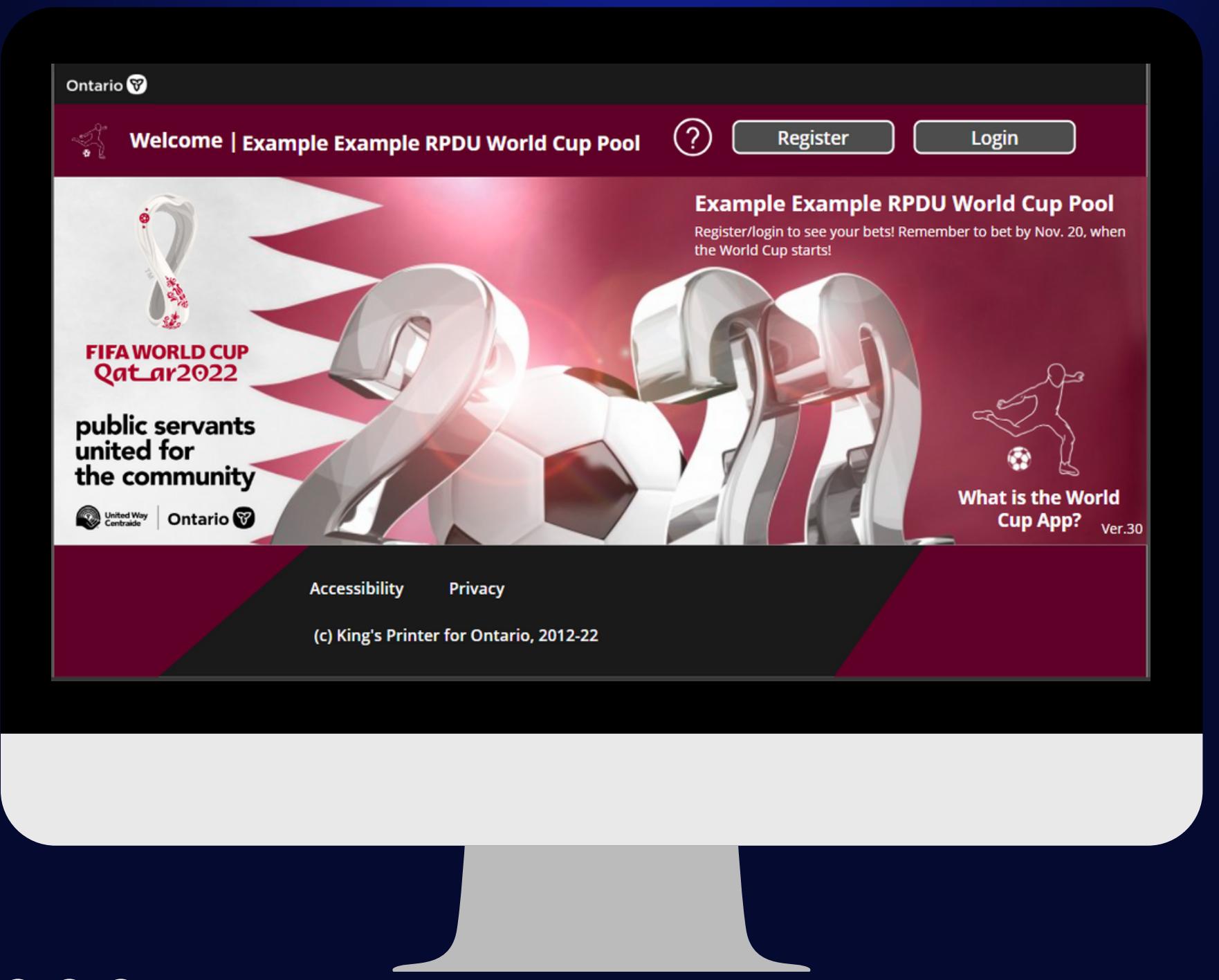
This portfolio reflects the concrete outcomes of my efforts in optimizing and refining systems for peak efficiency





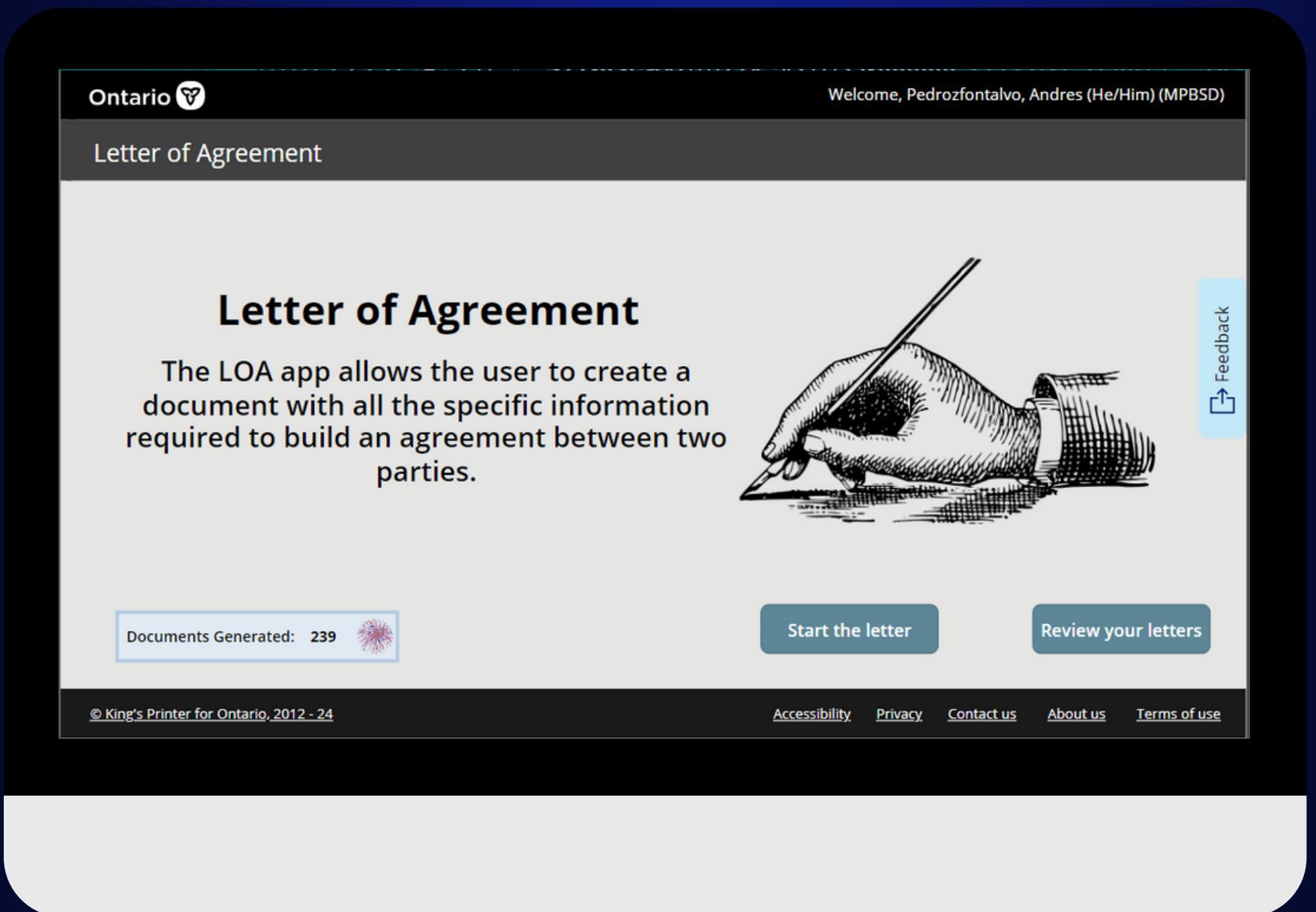
Pcard Reconciliation App

Solution (canvas app, Power Automate flows, AI Builder and Dataverse tables) created using the Microsoft Power Apps platform, to automate certain elements of the current ETD - PCard (credit card) process.



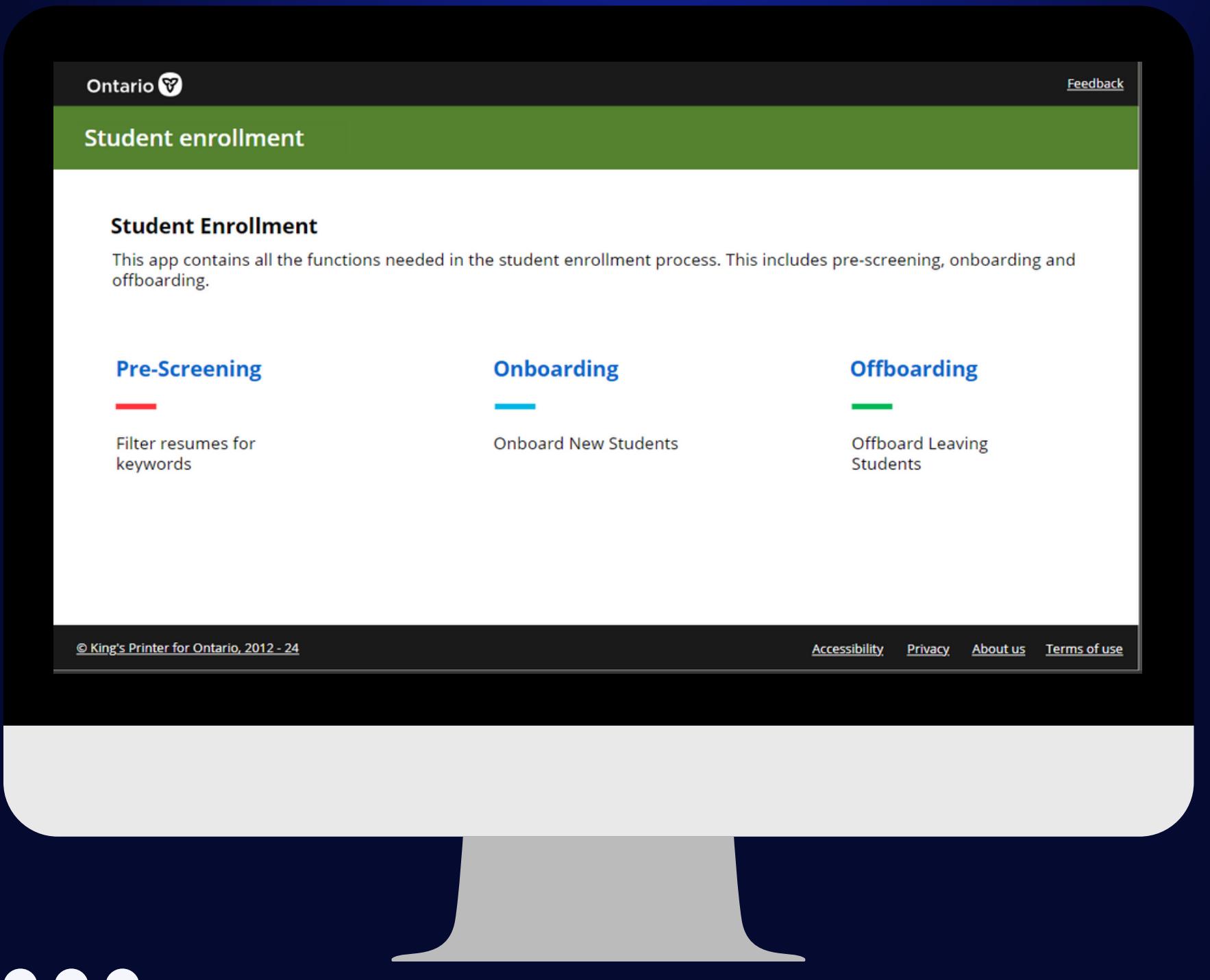
FIFA Word cup 2022 App

The World Cup Application is a Power Apps solution (canvas app, Power Automate flows, custom connectors and Dataverse table) to create a ‘betting’ system where you donate to a charity to participate and win bragging rights.



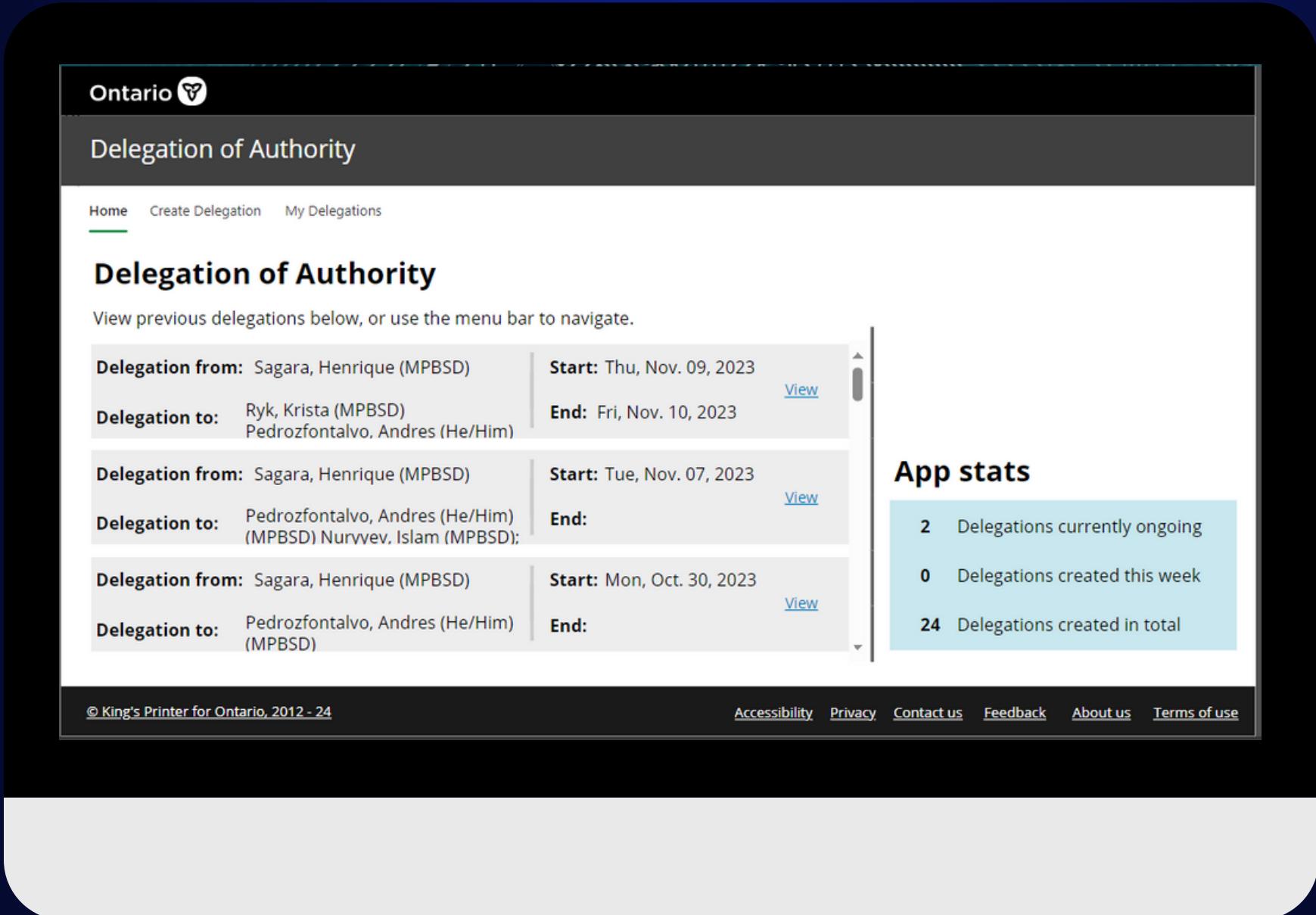
Letter of Agreement App

POC of a solution (Canvas app and Power Automate Flow) created to automate the process of creating LOA (letters of agreement) between different departments using preset templates.



Student Enrollment App

Solution (Canvas app and Power Automate Flow) created to automate certain steps of the process of Onboard students in the OPS, additionally to create a Database to save all the information related to the process.



The screenshot shows a web application for managing delegations of authority. At the top left is the Ontario logo. Below it, the title "Delegation of Authority" is displayed. A navigation bar includes links for "Home", "Create Delegation", and "My Delegations". The main content area is titled "Delegation of Authority" and contains a message: "View previous delegations below, or use the menu bar to navigate." Below this, there is a list of delegation records:

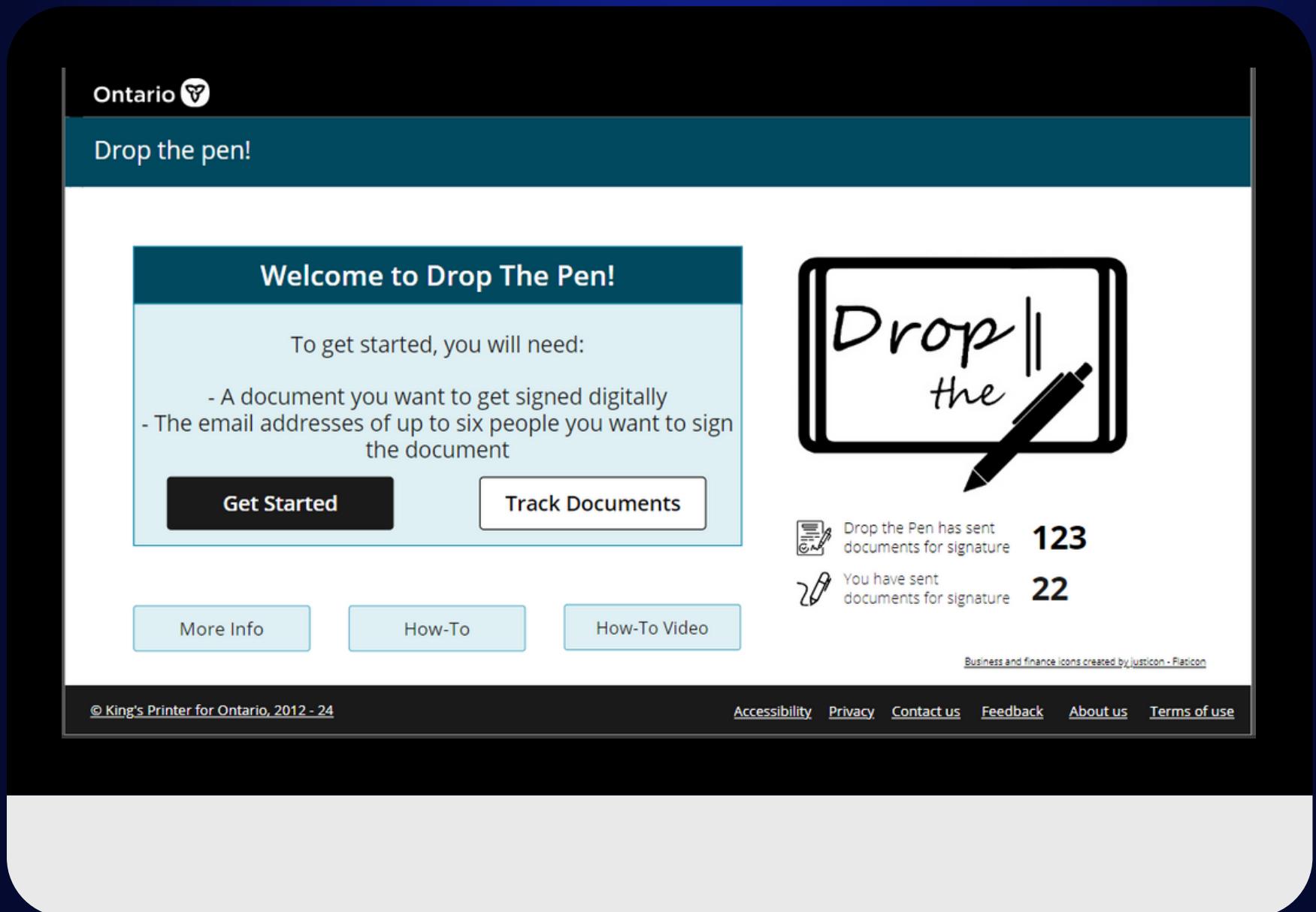
Delegation from:	Sagara, Henrique (MPBSD)	Start:	Thu, Nov. 09, 2023	View
Delegation to:	Ryk, Krista (MPBSD) Pedrozfontalvo, Andres (He/Him)	End:	Fri, Nov. 10, 2023	
Delegation from:	Sagara, Henrique (MPBSD)	Start:	Tue, Nov. 07, 2023	View
Delegation to:	Pedrozfontalvo, Andres (He/Him) (MPBSD) Nuryev, Islam (MPBSD);	End:		
Delegation from:	Sagara, Henrique (MPBSD)	Start:	Mon, Oct. 30, 2023	View
Delegation to:	Pedrozfontalvo, Andres (He/Him) (MPBSD)	End:		

At the bottom of the page, there are links for "© King's Printer for Ontario, 2012 - 24", "Accessibility", "Privacy", "Contact us", "Feedback", "About us", and "Terms of use".

Delegation of Authority App

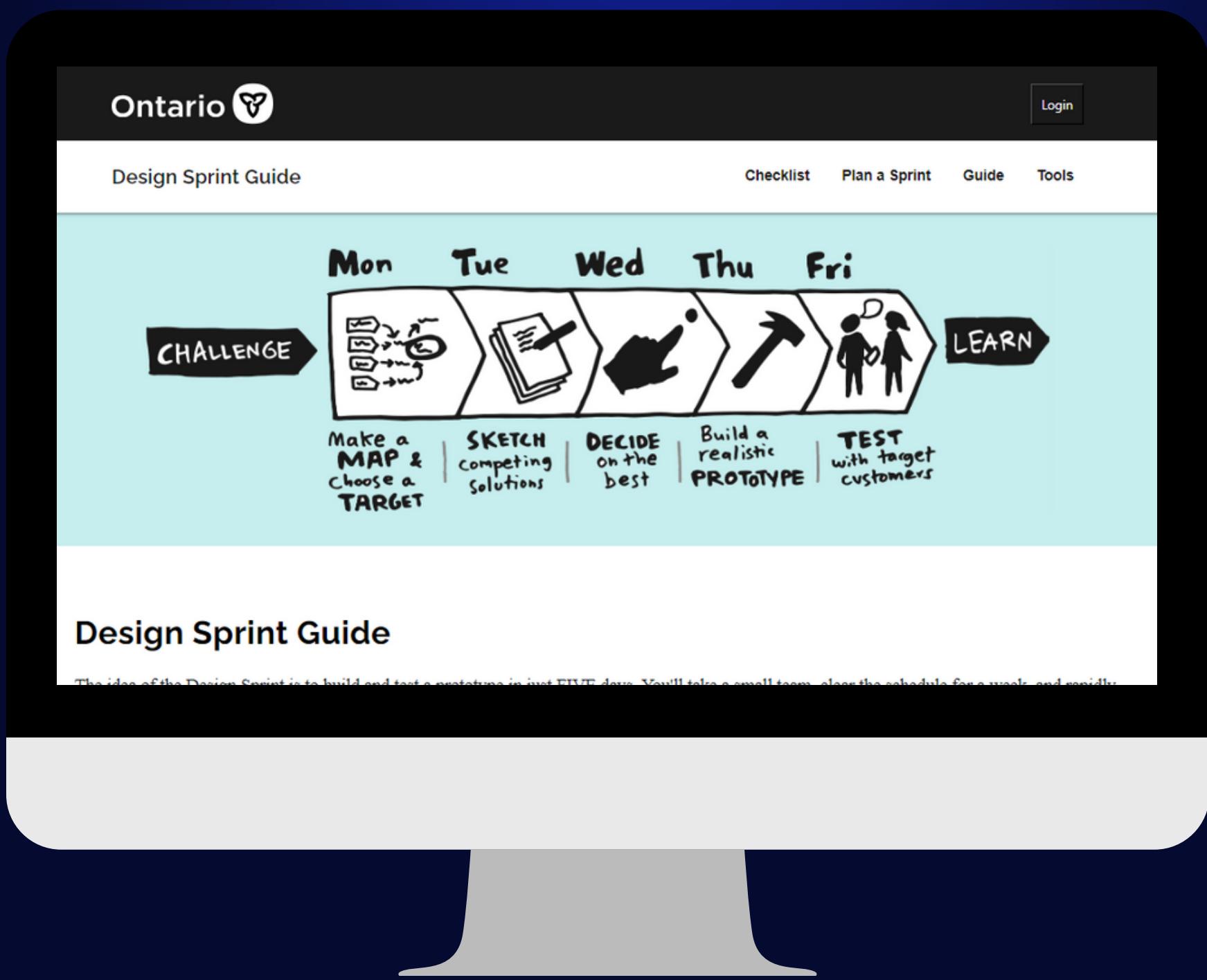
Solution created in power platform (Power Apps canvas app, Power Automate and Dataverse tables) to automate aspects of delegate financial authority. It involves the transfer of duties from one party to another, typically during absences like vacations or extended sick leave, maintaining accountability and ownership of decisions





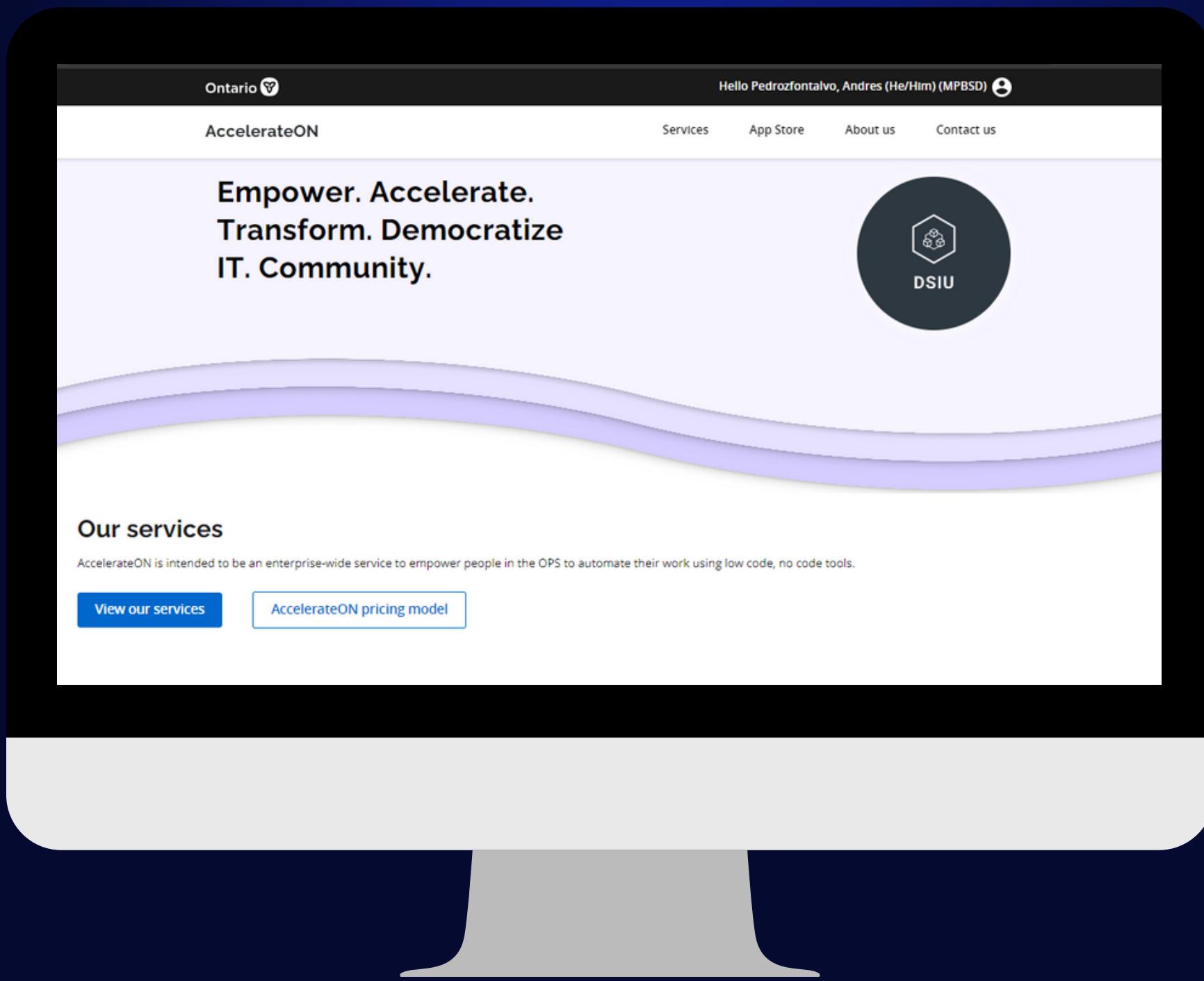
Drop the Pen App

Solution created in power platform (Power Apps canvas app, Power Automate, API calls and Dataverse tables) to streamlines the document signing process with multiple parties, utilizing e-signatures to email forms to designated individuals for a more efficient workflow.



Design Sprint Guide

React Framework project that serves as a comprehensive guide for teams engaged in 5-day Google Ventures design sprints. The project covers essential aspects such as code splitting, bundle size analysis, Progressive Web App development, advanced configuration, and troubleshooting strategies.



AcelerateON Portal

Project created in .Net framework, oriented to create the first point of contact for the Digital Solution and Innovation Unit. The mission is to empower users through simplified app prototyping, utilizing low code to automate processes and enhance flexibility.



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ANDRES J PEDROZA

SYSTEM ANALYST

CONNECT?



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