# Camosun ICS Capstone 2020

# Team Blue

# BC Government Playbook

Team Blue consists of Josh Dueck, Murphy Li, and Kelly Marcheluzzo.

Our clients, Robert Kobenter and Grant Graham, who represent the BC Government Ministry of Citizens' Services, conceived of this project because of their desire for a set of guidelines for application development within the BC Government. The following passage from the playbook outlines their vision:

*This playbook is designed to help you on your IT project journey, and to navigate the development and support of government applications within an Agile framework. It provides you with a collection of references, tools, and best practices.*

*It contributes to a shared understanding of the solution ecosystem, from ideation to operation and maintenance. "Plays" describe valuable patterns that project teams should consider as part of their modern digital product management lifecycle.*
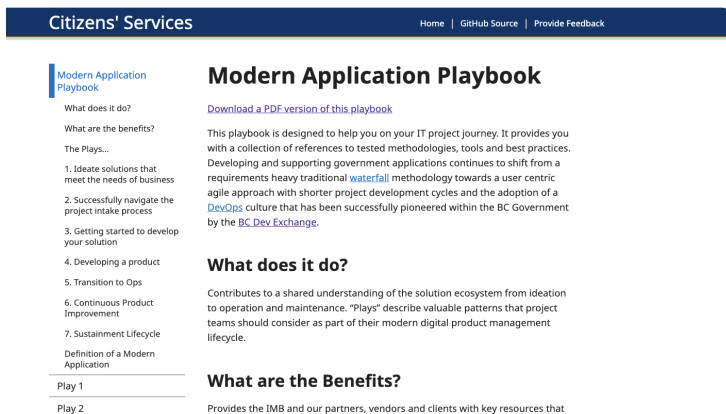
*This playbook provides the IMB and our partners, vendors, and clients with key resources that will help them identify, use, and leverage trustworthy sources of knowledge that are regularly improved with the aim of enhancing and simplifying the IT solution delivery experience.*

# The Project

The BC Government Playbook project's main goal was to produce a playbook that will help guide teams in ideating, developing, and sustaining IT solutions.

Our sponsor took an active role in the development of this project by writing the content of the playbook. It was up to Team Blue to deliver a website that displays that content, a technical solution that validates the playbook content, and an OpenShift deployment infrastructure to hold the solution.

Our sponsor also gave us the task of coming up with the idea for the solution itself. It was a very unique opportunity to be given freedom to create whatever application we wanted, with the only requirement being that it validates the content of the playbook in some meaningful way. We settled on the very practical idea of a web application with the goal of navigating the BC Government News API Service in a more stripped down and user-friendly way than the pre-existing BC Gov News site.
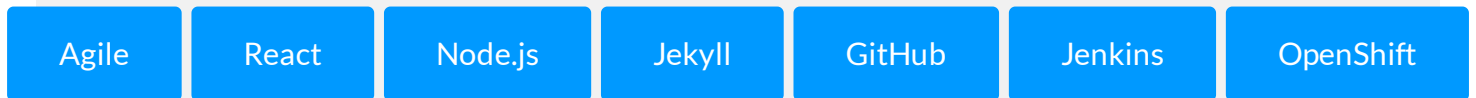
In order to properly deliver and validate a Modern Application Playbook, the team utilized the following technologies and concepts:

| Agile | React | Node.js | Jekyll | GitHub | Jenkins | OpenShift |
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Team Blue considers this a very successful project. Please feel free to view our work, and the code behind it, at the links provided below.

| Playbook Website | Playbook GitHub | Solution Website | Solution GitHub |
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# The Team

## Josh Dueck

### Solution Developer

Josh has experience from school in software development and UI design. He hoped to sharpened those skills during this project, to facilitate his dream of one day becoming the CEO of Amazon. Josh brought a healthy and balanced perspective, along with the ability to generate useful and creative ideas.

## Murphy Li

DevOps Engineer and OpenShift Developer

Similar to Josh, Murphy also has good experience in software development from school. Over the course of the project, he wanted to branch from development to DevOps, by mastering the OpenShift platform that the application will lives in. Murphy brought his keen ability to learn new technologies to the project.

## Kelly Marcheluzzo

Playbook Website Developer and Scrum Master

Kelly is career focused and hopes to land a job in the public sector. With a previous co-op in the Federal Government, he is quite happy to also gain exposure to government at the provincial level. Navigating the various levels of procedures and approvals found in the public sector is something he finds challenging yet rewarding.

# Thank You

Team Blue would like to thank their sponsors, along with Camosun's ICS faculty and chair, Saryta Schaerer, for their support in this project.

We've had quite an adventure while making this project a reality, and we are certain that we will look back on our work with pride.