Municipal Survey

Date Started: June 26, 2020

Project Deadline: July 5, 2020

**General Description**

This will be a simply survey web application designed for the municipality of Kazabazua, Quebec. However, the web application will should be designed in a modular form to allow for easy modification for other municipalities and organizations for use in the future.

**User Interface Requirements**

The user interface should be very simply and designed for people with minimal knowledge of computers and people with visual impairment. The website should also be designed for use on vertical mobile devices.

**Libraries and Frameworks**

Spring Boot MVC

Thymeleaf Template Engine

Javascript. jQuery library. Angular or React may be used in the future.

**Project Plan**

1. Home Page
   1. Welcome Page
   2. Survey Information
   3. Continue in English/French Options
2. The survey page
   1. Survey questions will be passed as an array to Thymeleaf. Questions will be rendered using <div th:forEach…>. They will all be hidden using .questions {display: none;}. Then 1 by one will be revealed with Javascript.
   2. When the user clicks “Next question”, using Javascript, an HTTP get request will be sent to the server, processed by the Java application and answers will be stored in a MySQL database.  
        
      After one question is answered, the next div element will be revealed and the previous one will be hidden. Users will have the ability to go back and edit answers. When a user submits an edit, a get request will be sent but this time with a tag saying that this is an edit.