

## **FluInfo – Influenza Information Gathering Web App**

### **Team**

You Know Who

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### **Mission Statement**

Influenza, also known as flu, is a contagious respiratory disease caused by a virus that can be passed from person to person [1]. Flu causes about 12,200 hospitalizations and 3,500 deaths in Canada each year [2] and the highest cumulative hospitalization rates are among children under 5 years of age, pregnant women, people with chronic medical conditions and adults 65 years of age and older. The Alberta government has long been prepared to fight against the flu in recent decades. \$12.5 million is spent on purchasing 1.6 million doses of influenza vaccine for the 2019-2020 season, which is able to immunize 35% of the population in Alberta [2].

The purpose of our application is to provide a platform that raises citizens' concerns about public health. With the use of our application, citizens are informed of the latest news of the influenza statistics and are able to communicate with related agencies if needed. The web application is developed with flu data in Alberta, however, other diseases or pandemics such as coronavirus can also be considered in the application.

### **Reference**

[1] Government of Alberta, Influenza-the flu, (2020). Retrieved from: <https://www.alberta.ca/influenza-the-flu.aspx>

[2] Government of Ontario, The flu, (2019). Retrieved from: <https://www.ontario.ca/page/flu-facts>