

1.1

It is said that government spending on IT is increasing as government departments take initiatives to improve customer service or have a wider reach of services. Find out what factors are responsible for the increase of IT spending by government agencies. Also list and explain the three biggest IT projects undertaken by the federal government in recent times?

From my point of view about the increase of use of IT by governments may have various reasons but I think one of the most important goals of doing so is in resource economization. Governments need to save more money in order to serve wider services, so by use of IT they can decrease the cost of serving in instead of what they did in the past.

Also another main reason is better documentation, since governmental services are an important things, so they need to document everything thing and store it somewhere, so IT can play an important role in formal documentation.

On the other hand in order to improve customer service or having a wider reach of service the organization must be quick, so it can use IT in order to improve procedure time cost.

In this part I will mention three projects which undertaken by governments. First I will investigate about a great project which is done by Quebec government, then I will explain about a massive project undertaken by Canada government and at the end I will peruse one of Japan government IT project, for the reason that currently Japan is one the pioneers in IT era.

Quebec to invest nearly \$1 billion in health IT

In June 2022, Jerry Zeidenberg made a news report about Quebec government new investment about health IT. He mentioned that The Quebec government has announced a plan to invest \$951 million over three years to modernize the technological infrastructure of its hospitals. As it mentioned in the report there were problems in documentation and communication in that system. So they invest on Health IT in order to achieve a better documentation, communication, better security and accessibility.

At the end of 2022, an integrated system for sharing electronic records tested for a period of two years at two sites: the CIUSSS du Nord-de-l'Ole-de-Montreal and the CIUSSS de la Mauricie-et-du-Centre-du-Quebec

The government said the initial sites were chosen because of their expertise in electronic solutions.

The ultimate goal of the system was to allow healthcare professionals and patients to access all patient information in one place, with no more hunting for files from one repository to another. As well, it aims to reduce the use of paper in the healthcare system, especially the reliance on faxing.

Employment and Social Development Canada

there was project for old age security service improvement strategy which stated in 2016 with original budget of \$85,448,206. This project developed by Employment and Social Development Canada and as they announced the project was about OAS/GIS Service Improvement Strategy (SIS) The Old Age Security Service Improvement Strategy (DAS SIS), under the Department of Employment and Social Development (ESD), aims to modernize the delivery of the Old Age Security (OAS) program by Improving services to eligible Canadian seniors, Including low Income. They estimated that this project will be completed by April 2020 but in action they completed it in June 2021 with an approximately 44 million dollars more than initial estimation.

Realizing Society 5.0 in Japan

Japan is a pioneer in Information Technology industry. As a report stated in Statista website The Japanese IT industry has come into increasing focus as various developments in the recent years increased the demand for computer-based solutions. The IT industry is not only an important economic factor, but also instrumental in achieving what the government has termed "Society 5.0," a vision of a society in which cyberspace and the physical world are increasingly interconnected. The concept was first introduced in 2016 as a part of the Fifth Science and Technology Basic Plan, which was formulated by the Council for Science, Technology and Innovation (CSTI). Society 5.0 is supposed to help in mitigating several challenges currently faced by Japan's society, such as demographic ageing, labor shortages, and the depopulation of rural areas.

2.2

Go to some open source projects and find out about their project charters. Find out why they have those project charters.

For this exercise I use Google Open Source and I will investigate Android project. In Google Open Source it mentions Android is an operating system and software stack created for an array of devices with different form factors, including phones, tablets, wearables, TVs, automobiles, and connected devices. The primary purposes of Android are to create an open platform available for carriers, OEMs, and developers to make their ideas a reality and to provide a successful, real-world product that improves the mobile experience for users. As an open source project, Android's goal is to avoid any central point of failure in which one industry player can restrict or control the innovations of any other

player. To that end, Android is a full, production-quality operating system for consumer products, complete with customizable source code that can be ported to nearly any device and public documentation that is available to everyone. So if we consider this as Project charter we can say that they believe in building an operating system which can give this feeling of flexible operating system for everybody and this system can integrate with our lives and help us to improve our life and live more comfortably.