

Q1) 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?

**Ans.** The biggest factors for increased spending of IT by government agencies

- **Benefits Delivery Modernization (BDM) Programme**
- **Network Modernization Stream 3**
- **RG-Treasury Renewal**

Three biggest IT projects undertaken by federal government are :

- **Benefits Delivery Modernization (BDM) Programme :** The BDM programme was developed as a long-term reform that will revolutionise the delivery of benefit programmes, starting with Employment insurance (EI) and extending to Old Age Security (OAS), the Canada Pension Plan (CPP), and Employment insurance (EI). BDM will assist in fulfilling promises to expedite applications, shorten wait times for Canadians obtaining benefits, enhance ESDC's capacity to provide high-quality services, and make ESDC more adaptable to the ever-changing needs of its clientele.
- **Network Modernization Stream 3 :** By updating and replacing the outdated ESDC network, this multi-year infrastructure project co-led by SSC will solve Network Technical Debt. The project's main objective is to put in place a scalable, adaptable network that will serve as a contemporary base for ESDC's future service delivery vision and current requirements.
- **RG-Treasury Renewal :** The systems that oversee all of the payments made and received by the Canadian government are within the purview of the Receiver General Treasury. This equates to yearly outflows of about \$1.2 trillion and inflows of about \$1.2 trillion.

Q2) Go to some open source projects and find out about their project charters. Find out why they have those project charters.

**Ans.** I checked some projects on Github which have project charters in their repositories. After going through some of them, I found out that the main reason of having **Project Charters** is to give a clear **idea** and the **roadmap** in order to develop a new product or service. Charters describe what the group is going to develop and lay the **risks, budget, objectives and schedules**.