# iGo

iGo is a TVM (Ticket Vending Machine) that makes using public transportation quicker and easier, by eliminating the need for purchasing tickets, tokens, passes, and cash. It integrates with all local transportation agencies in Canada, making it easy, suitable, and secure to pay for your journey. Customers may tap their card at metro stations to move effortlessly between different metro stations with the use of only one electronic fare card.

With our version of iGo, we choose to provide alternatives for buying a ticket in several possible ways after drawing inspiration from the current version of the TVM that STM has implemented specifically in the metro system of Montreal, Canada. The various possible ways include, one-day pass, two-day pass, weekly pass, and monthly pass.

Moreover, users of iGo will have access to an online portal to reload their electronic cards and monitor all transactions from a single location. With iGO, it is assumed that metro stations and buses have smartphones/tablets on which the application will be installed, to scan and validate the electronic tickets Although there is no provision in iGo for sustaining the currently installed physical TVMs at metro stations.

Our major objective is to create software that is usable and has features like to those of the Montreal metro TVM by the time our project is finished.