

# 1. Introduction/Business Problem

**1.1 Background:** In preparation for the Summer olympics 2024, Sports Authority of Canada in collaboration with each local government and individual sports Federations assessing the current facilities and planning to start improve the sports facilities all over Canada within two years. Their aim is not just to get medals in Olympics or international competitions, their first priority is to make awareness among students about the importance of sports activities and how it will help them to keep a healthy body and mind. As the most populated city in Canada, they want to start their pilot project around Toronto. This study is for Tennis Federation of Canada who wants to study the current facilities in Toronto and start new Tennis facilities at most needy areas.

**1.2 Business Problem:** This assignment is to identify the locations for new Tennis facilities in Toronto neighbourhoods. Since this facility is mainly for students in schools, colleges and Universities, need to identify the educational institutions around Toronto and the current Tennis facility in the regions. Then find out where the Tennis facility with respect to number of schools is very low. Their aim is to increase the proportion of Tennis facility to number of schools to 20%. It means, for 5 schools together at least one Facility for playing Tennis. Initially considering the neighborhoods in North York Borough for assessment.

**1.3 Stakeholders:** This project for identifying the locations for new Tennis facility in Toronto, is very useful for identifying low facility and high requirement area. Sports Authority, Tennis Federation and local governments who implement new facilities in their area are stakeholders for this project. Certainly this will help the students to prove the necessity of a new Tennis facility in areas of low facility.