

# Events in Toronto

DPS924 – Assignment 2 Proposal

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## **Overview**

Events in Toronto is an Android application that will provide users with the capability to find out events and other festivities occurring in Toronto over the course of the current year. Several categories of events will be available with descriptive information about each event.

# Requirements

The following requirements will constrain the application:

- Android API 19 – KitKat will be the target API
- Internet connection will be required to obtain the information
- Information obtained from Toronto’s Open Data Service – Events and Festivities using the HTTP protocol
- Support required for location services i.e. it must be enabled on the device
- Support required for browser connectivity i.e. it must be enabled on the device
- Enabled notifications

# Functionality

The following briefly describes the functionality of the application:

- Gather data about events in a year
- View events daily/weekly/monthly/yearly as a list interactively
- Categorize events by type/area
- Search for events by category/name/description/area
- View details about event
- Find events 'near you' (*implementation subject to time availability*)
- Show on map (*implementation subject to time availability*)
- Visit website of event
- Call given event phone number on clicking
- Add events to personal 'diary' for those events that the user will attend
- Notifications of events being attended