

FSCAN: FEDERAL SPENDING CANADA APPLICATION PROPOSAL

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Executive Summary

This application will provide end users with an intuitive mobile interface to view the recent history of the Canadian federal government's budgetary expenditures, as per the datasets that are presently available for viewing via the [Government of Canada Open Data](#) portal.

System Format Justification

Developing this as a mobile application is ideal after the consideration of a couple of factors. There is little point in creating a desktop web app, since the information being used in this application is already available online in a relatively accessible form via the open data website. With the android OS having a 78% world market share in the beginning of this year¹ from nearly 2 billion smartphone subscribers worldwide, the statistics indicate that creating the application on this platform will have the best chance of reaching as many potential users as possible.

Expected Features

The proposed system will include the following:

- The options for end-users to choose which year they would like to view the records in
- The ability to order records alphabetically
- The ability to order records by budgetary spending, either ascending or descending
- The ability to search for a specific department or category
- The ability to view the records in English or French (as per dataset availability)
- Instructions on how to navigate and use the aforementioned features in a dedicated 'Help' section

Potential Users/Market Appeal

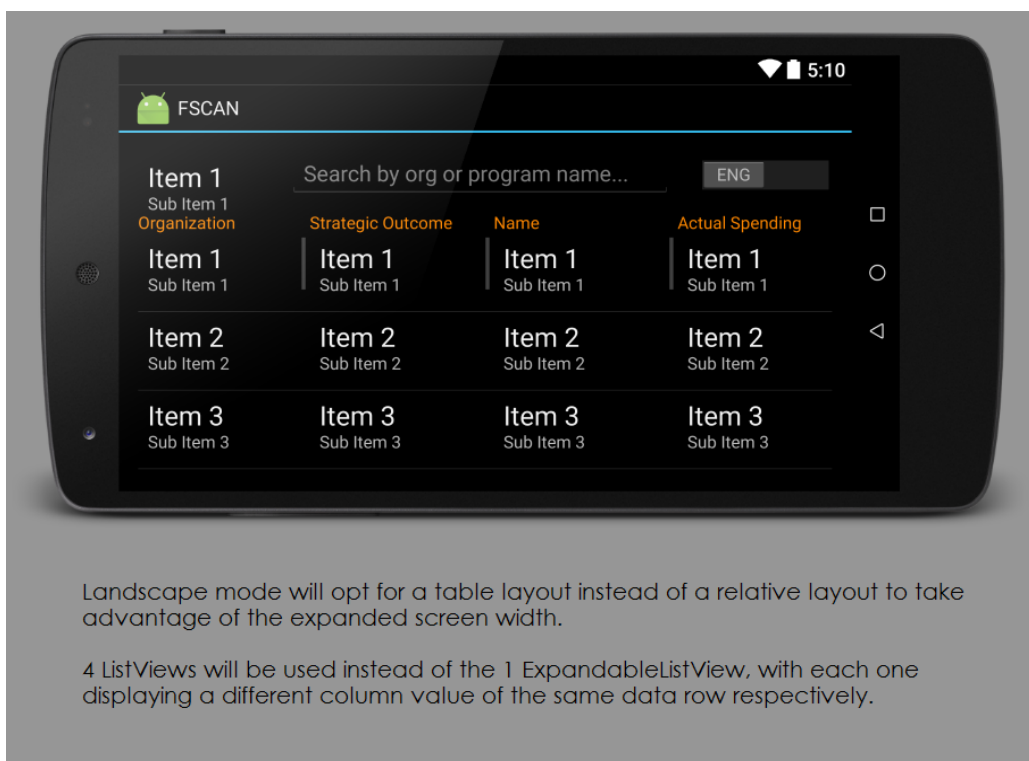
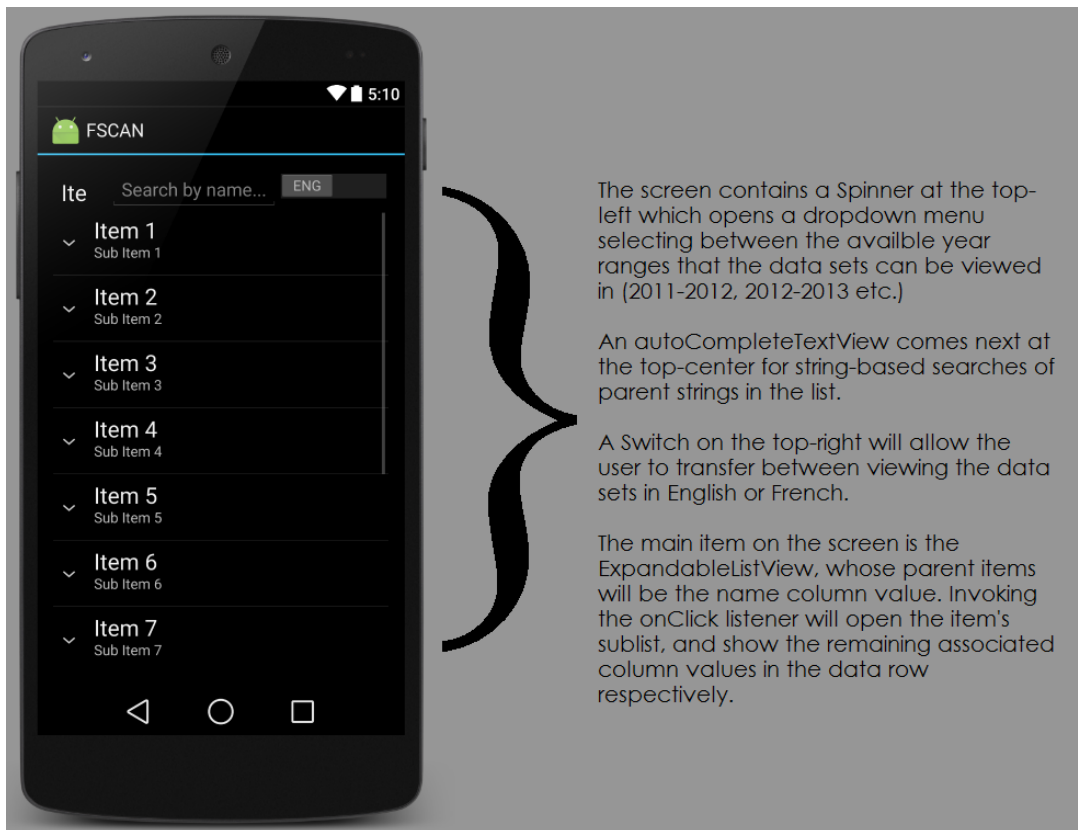
This application can be potentially used by:

- Students, Teachers, Professors, and/or scholars
- Journalists, and/or Reporters
- Any politically-aware individual that would like to be more informed about Canadian federal spending

Common Use Cases

- Academics researching material for educational purposes
- Media employees in need of referencing this material in their respective line of work
- Anyone who has an interest in fact-checking, or confirming statements made by political figures or entities

Interface Mock-ups





High-Level Implementation Timeline/Schedule

Calendar Week	Tasks Overview
July 27 th – August 2 nd	<ul style="list-style-type: none"> - Convert all datasets formats from CSV and XML to SQLite database tables - Successfully insert 1 year of records into app for viewing
August 3 rd – August 9 th	<ul style="list-style-type: none"> - Complete inserting into app remaining years of records - Implement filter by year - Implement order by program name - Implement order by spending amount
August 10 th – August 16 th	<ul style="list-style-type: none"> - Implement search text field - Implement English/French data view option - Test application, and record any outstanding bugs/tasks - Complete 'Help' and 'About' views - Deploy/deliver product