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PERMANENT RESIDENCES ISSUED IN CANADA

Date: 4th August, 2015

To: Andrew Smith

From: Hriday Shetty

Re: Proposal for Application

OVERVIEW

The dataset I have chosen to build my application around is a csv formatted file containing the number of people granted permanent residence in Canada. The dataset can be found at <http://open.canada.ca/data/en/dataset/eb668d4e-9835-46e4-86fe-f5184165d803> . The app will be a great guide for new immigrants to pick an urban area where they would like to settle down and receive permanent residence.

THE APPLICATION

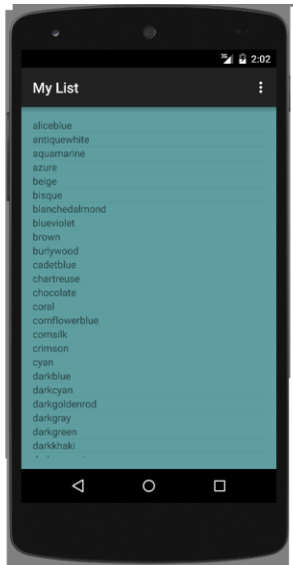
When the user clicks on the app, it will show a list of the provinces in Canada. On the top of the list, it will show the total amount of permanent residences issued in Canada last year. When the user clicks on a particular province, the app will show the user the total amount of permanent residences granted in that province for the past year. Below the total amount of permanent residences issued, there will also be a list of the different urban areas listed under that province, which when clicked on will display the permanent residences issued in that area. For each province and urban area, the user will also have the option of changing the year to 2013, to see if the number of residences issued went up or down. The user will also have the option to break it down to each quarter of the year.

USER GROUPS AND MARKET

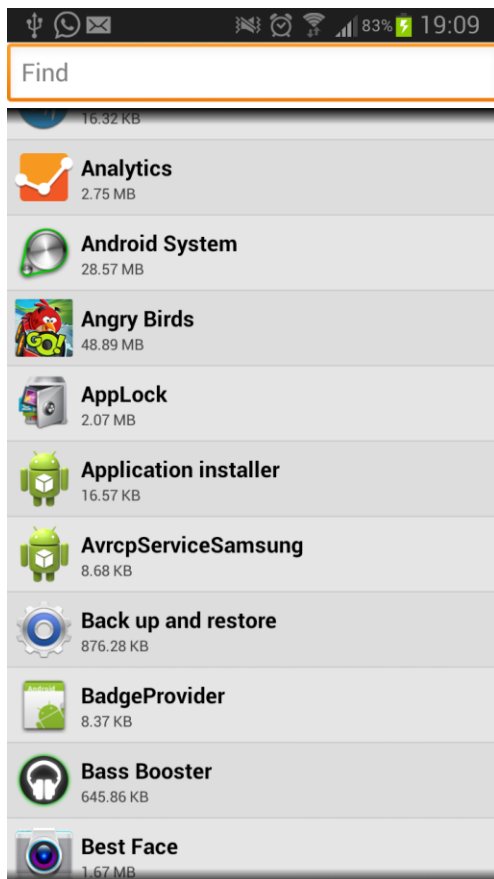
This application will find most of its usage among new immigrants and people on work Visas and Student Visas. It will provide a complete list of PRs issued in different urban areas in Canada so the user can decide where she/he would like to settle down. It will be a great choice as a mobile app because the user can access it anywhere and anytime on a smartphone.

BASIC LAYOUT FOR APP

I have screenshot a couple of previous labs to offer a rough idea of how my app would look like.



Just like lab 5, my app on startup would show a list of all the urban areas in the csv file, with a different background color and different style. It will also contain a search bar on the top in case the user does not want to scroll down all the way to find what she/he is looking for. A example would be the following image.



A screenshot of an Android application. The app has a dark blue header bar with the title "My List" and a three-dot menu icon. Below the header is a list of color names on a dark blue background. A white dialog box is centered on the screen with the title "Select The Action". It contains two options: "Write colour to SDCard" and "Read colour from SDCard". The list of colors visible includes: aliceblue, antiquewhite, aquamarine, azure, beige, bisque, blanchedalmond, cornsilk, crimson, cyan, darkblue, darkcyan, darkgoldenrod, darkgray, darkgreen, and darkkhaki. The status bar at the top shows the time as 2:08 and battery level at 16%. The bottom of the screen shows the standard Android navigation bar with back, home, and recent apps buttons.

Once the User clicks on the area and year, they will see the results in the following manner.

Where “Best Trip” would be the name of the Urban Area and the numbers in large font would be each Quarter of the year followed by the number of Permanent Residencies issued for that quarter. The Styling and Spacing will be different from the image shown above.

TIMELINE

I have already downloaded the csv file that contains the data. I will begin the basic layout and design of the app on 5th August, and begin the actual data reading and functionality over the weekend. I have done a rough sketch of the layouts on paper, which can be provided if needed.

I should be done the application by 12th of August, with all trials conducted on it for bugs and errors. If I do need any help, I hope it will be fine if I contact you. If you have any further questions or would like to offer some feedback you can email me at hriday.shetty@gmail.com or use my Seneca email – hshetty2@myseneca.ca .