***CST 2335 Final Project Software Requirements***

(Draft Document Version 1)

Here is a draft version of the requirements for the final project. In this document, please write a brief explanation under each item of how your work satisfies the requirement.

1. The software must have 4 different activities that are accessible by selecting a graphical icon from a Toolbar.
2. Each Activity must use a fragment in its graphical interface.
3. Each Activity must have a ListView to present items. Selecting an item from the ListView must show detailed information about the item selected.
4. The items listed in the ListView must be stored by the application so that appear the next time the application is launched. The user must be able to add and delete items, which would then also be stored.
5. Each activity must use an AsyncTask in the code. This can be to open a Database, retrieve data from a server, save data, or any other reasonable circumstance.
6. Each activity must have at least 1 progress bar
7. Each activity must have at least 1 button
8. Each activity must have at least 1 text field with appropriate text input method.
9. Each activity must have at least 1 Toast, Snackbar, and custom dialog notification.
10. A help menu item that displays a dialog with the author’s name, Activity version number, and instructions for how to use the interface.
11. There must be at least 1 other language supported by your Activity. If you are not bilingual, then you must support both British and American English (words like colour, color, neighbour, neighbor, etc). If you know a language other than English, then you can support that language in your application and don’t need to support American English.

***Milestones:***

Bonus marks will be awarded for displaying correct functionality by the following dates:

|  |  |  |
| --- | --- | --- |
| Milestone # and date | Requirements implemented # | Bonus Marks available |
| #1 – Friday Nov 18, 2016 | 3, 7, 8 | 1 |
| #2 – Friday Nov 25, 2016 | 2, 5, 6 | 1 |
| #3 – Friday Dec 2, 2016 | 1, 4, 10, 11 | 1 |