**S3 Solutions**

Milestone 3

Course:

**Software Project - CENG-319-0NB**

Professor:

**Haki Sharifi**

Project Name:

**Store Help Line**

Submission Date:

**December 12, 2017**

Members:

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Link to Github:

[**https://github.com/gurusharma/StoreHelpLine**](https://github.com/gurusharma/StoreHelpLine)

Accessing the Module:

**Download the file named helpline from github.**

**Achievements**

The app has ten classes and almost all expected functionalities in it. We had work on our basic layouts long ago which turned out to be beneficial for the java programmer and the Database manager as they got enough time to work on their parts and meet the deadline. As soon as a page was given life by Java and database behind it, we improved the layout significantly.

At this point, we have a fully functioning firebase server behind our app that we use to store and fetch data. Following list will give a better understanding of we have accomplished so far and more features that will come out as an update.

• Updated design docs [DONE]

• App must use DrawerLayout, TabLayout or both. [DONE]

• Demonstrate the use of menu. [DONE]

• Draft Test Plan. [DONE]

• Image files with different resolutions. [DONE]

• Design for Landscape and Portrait UI. [DONE]

• Design for Landscape for Tablet. [UPDATE]

• Follow Android UI guidelines. [DONE]

• Support English and French. [DONE]

• Prototype, UI implementation complete [DONE]

• Implementing main and majority of the features. [REQUEST HELP PAGE IS NOT YET FUNCTIONING]

• Expected working beta release. [DONE]

• Connect to server, fetch, and display data. [NEEDS MINOR FIXES]

• Handle runtime permission for devices run on API 23 and above. [WILL BE USED FOR LOCATION BUT NOT YET IMPLEMENTED]

• Configuration setting and remember user selections. [N/A]

The app has all the basic functionality that was promised. Following is the to-do list and will be sent as an update ASAP:

* Store locator
* User profile page
* Populate database with item location and availability in the store selected
* Trending items gets pulled from the database
* Fix Firebase authentication bugs

Abhay – Database manager, Saqib – UI designer, Guru – Java Programmer