**S3 Solutions**

Project Proposal

Course:

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

Professor:

**Haki Sharifi**

Project Name:

**Superstore Help Line**

Proposal Date:

**September 19, 2017**

Members:

**Abhay Singla N01149096**

**Guru D. Sharma N01142131**

**Saqib Jaweed Syed N01152429**

**Project Description**

The project we are making will be used at superstores and grocery stores to help the customers get a great shopping experience and also let the store run smoothly. Our main target for this project will be the stores like Canadian Tire and Walmart. The software that we plan to design will function as follows:

1. Users will open the app on their android devices.
2. When a user approaches the screen or opens the app, it will welcome the user and then bring up various help options on the screen which will be as follows:

|  |  |
| --- | --- |
| Sign in | Use as guest |
| Product Lookup | Sign up |

1. The user will sign in with their existent account to ask for assistance from the first available store associate or also use as guest.
2. The product lookup option will take the user to a screen where they can look for the product and the system will fetch the aisle and shelf number of the product.
3. If the user requests help, the associate responsible for help with the respective product will receive a request and based on the number in line, the user will be helped.
4. In the meantime, the user can shop around as the system will notify the user when there are 2 more people in front of him and during this time the user can come to a place where the app tells them to.
5. All general enquiries and quick questions will be forwarded to the nearest associate.
6. Once the user has been helped, they will receive a survey on their phone which will help the store to run smoothly and work on necessary improvements.
7. This will be the minimum what our app will do, we will add functionality if time permits.

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