**project charter**

January 25, 2017

# Overview

## Purpose statement and Team Objectives

Our team was formed as part of the Capstone project in the Computer Application development program. Our overall objective is to create a mobile application called Trustbuy that enables a user whether Faculty/ Student within the Conestoga College community to buy or sell products and others find renting space within the community. We also as a team are committed to meeting all of our milestones as well as monitor our process effectiveness and work effectively with each other.

## Individual roles in the Project

We are confident that our individual skill sets and background experiences are complimentary to each other and together we can most certainly accomplish the goals we have set for this project.

Muthukumar Kandasamy- Lead programmer

* Documentation
* Coding
* User and database design

Sukriti Sharma- Front end developer

* Documentation
* Building User interface
* Design and implementation of the Database
* Coding

Elizabeth Mathew- Database specialist

* Documentation
* Oversee that we meet all our requirements and organize our work
* Design and Implementation of the Database
* Coding

## System Objectives

* To create a user friendly community feel android app that will help new members to connect with other members of the community.
* Make it easy for international as well as local students to find rental units, furniture, electronics, textbooks and all things essential to start their journey with Conestoga College.
* Save time and resources.
* Accessibility to information quicker.
* Smooth experience for buyer and seller.
* Install and launch the app.

## Preliminary Technical Architecture

* SQL lite
* Javascript
* Java, XML
* Android SDK

## Key Features

* The system must be easy for the user to navigate
* The user interface design should be user-friendly and simple to understand
* If user is buyer, he must be able to upload pictures of the product he would like to sell with a description.
* To make it even more user friendly, the content will be translated into French for French speaking students.
* The system must be accessible to all faculty and students of Conestoga College.
* Login or authentication required.
* The system must allow for the customer to put a product on wish list and track its availability.
* User will be able to view on his feed what his friend’s friend is selling or buying.
* The system must have multiple fields/categories to filter the search .The system must have a review for sellers with a trust star rating from 1 to 5.
* Helps the buyer make a smart decision when buying stuff from seller.

## Critical success Factors

* Meet all of our milestones and project requirements every 3 weeks.
* The team must meet regularly (1 hour/week) to discuss the progress in their work and make sure to not miss any meetings with the advisor.
* All android phones should be able to install and launch the app.
* Get Conestoga Faculty/ Students on board to register with the app.