cluster

Team 15 – Project Charter

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Problem Statement

When ordering food online, costly delivery fees and steep minimum order amounts often discourage potential customers from completing their order. If these delivery costs were reduced, customers would be more likely to place an order, and businesses would benefit as well. Our project will offer a solution to this issue by connecting nearby customers to form large group purchases, reducing the delivery costs for each person that joins the group, or "cluster".

Project Objectives

1. Create a website that allows people to create group orders for food delivery in order to decrease or eliminate the delivery fee.

2. Add a continuously updating feed that shows people nearby and what restaurants they are ordering from.

3. Each group will include the number of current members, the restaurant, the estimated delivery price at the time, and the quota for eliminating or decreasing the delivery fee.

4. An online rating system that shows reliable people and groups to join.

5. Connect people to decrease ordering costs, receive discounts, and possibly make friends.

Stakeholders

Users - Built primarily for college students because there are many people in a centralized location. It can also be used effectively in hotels, apartments, condominiums, etc.

Developers - Andrew Tully, David Tong, Frederick Li, Joseph Singer, Shai Mohan, Shane Li

Deliverables

A software product that has the following:

- Web based user interface to allow users to find groups
- Backend services built on MySQL, Java and Tomcat
- Frontend built using Angular.js / HTML and CSS
- Facebook Authentication to ensure unique logins
- API library to provide real-time data