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# CS 4780 Final Project Proposal

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## 1. Team

This project will be completed by a team of four students.

## 2. Motivation

DonorsChoose is a crowd funding website that helps public school teachers request and receive funding. According to DonorsChoose, 70 percent of campaigns are successfully funded; this is a healthy margin, but could be vastly improved. It would be valuable for teachers to learn what factors may affect the success of their campaign.

Extensive research about Kickstarter and other similar crowd-funding sources has already been done to investigate causes of successful commercial campaigns. It would be interesting to compare and contrast techniques for creating a successful crowd-funding campaign in the commercial realm to the philanthropic realm.

## 3. Problem Statement

Analyze dataset pertaining to donor excitement for academic projects.

Dataset includes campaign description essays; analyze text samples to determine if certain keywords or other features increase likelihood of funding.

## 4. Approach

## 5. Resources

Source is a closed Kaggle dataset, located here: <https://www.kaggle.com/c/kdd-cup-2014-predicting-excitement-at-donors-choose/data>

## 6. Schedule