

## **Team #3**

### **Name:**

Bits Please!

### **Team Members:**

Austin Ritz

Vanessa Zhang

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keyuan Huang

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Chandler Jeep

### **Application Name:**

TextBuddy

### **Application Description:**

We are creating a website called TextBuddy! TextBuddy will be a platform where college students can accomplish several things in the same place. The main function of the website will be the buying and selling of textbooks from peer to peer. We hope that through this the price will be much lower, and it will draw people to the website. People will be able to post listings for textbooks that they have but no longer need. They will be able to set their own price based on condition and other market factors. Buyers will be able to sort through the textbooks and decide which one best suits their needs. Because we let the market decide prices, we have to do little intervention with the price setting and selling. We plan to use Venmo or Paypal to do payments.

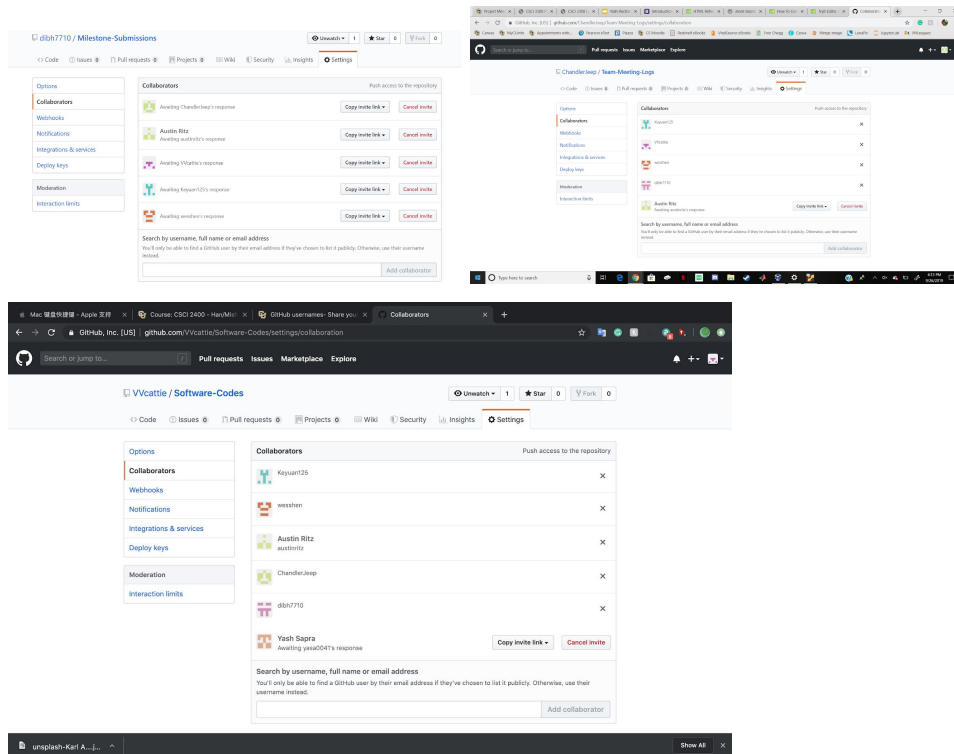
Another function of the website will be a forum space where people can discuss homework, and other class ideas. We plan to implement file sharing so people can share lecture notes, or perhaps solutions to homework. We hope that by marketing specifically to college students, the website will gain traction when people realize the potential benefits.

### **Vision:**

Our website is for College Students who can't afford new textbooks, need support in class, and want a place where they can discuss homework and receive help.

TextBuddy is a website that connects users with similar needs in a place that gives them a platform to receive and give help. Unlike Craigslist, our product is geared specifically towards students to meet their similar financial and academic needs.

### **Version Control:**



<https://github.com/ChandlerJeep/TeamMeetingLogs>

<https://github.com/VVcattie/Software-Codes>

<https://github.com/dibh7710/Milestone-Submissions>

## Development Method:

Our team will use the agile methodology. The agile method allows for an adaptable and workable process, where the team members will deliver workable software in cycles (or sprints) and be able to change things as the development progresses. The agile method also emphasizes the importance of communication between team members so that everyone knows what needs to be done and so that everyone can be updated if there are any changes in requirements or needs of the software. As a team, using agile, we will be able to reflect on the process at regular intervals and tune our software to deliver the best product at the end.

## Communication Plan:

Simply put, our team plans to communicate most developments through GroupMe. A lot of our communication will be done face-to-face however because we will be meeting every Thursday after recitation. The plan is to hopefully assign tasks and responsibilities during the meeting to minimize text communication.

## Proposed Architecture Plan:

Front end: css, javaScript, html

Backend: c++, java, python,php

We will try to make them communicate with each other via AJAX and JSON, we didn't have a lot of knowledge in this part, it includes request and response, so maybe we will make some changes.

CSS will be responsible for the font and styles

And CSS, JS, html will use for website we make.

C++ and Java we will use more frequently for backend.

### **Meeting Plan**

Team 3 from CSCI 3308-203, also known as Bits, Please, will be meeting after recitation on Thursdays from 5:15 p.m. to 7:15 p.m. in ECCE 141, or somewhere else in the Engineering Center if the location is occupied. The mode of the meetings will be face-to-face.