CSC 4350: Software Engineering

Fall 2016 Semester

Project Introduction

September 1, 2016

Team 6

Anthony Jones

McKenzie Rochester

Daniel Campbell

Jeff Sikala

Jordan Smith

**Topic: Web Application for College Book Exchanges**

**Concept**: Group 6 will like to create a web application that is set up to allow easy communication for college students who are looking to swap or sell their books. A new student will be able to sign up for a new account and then post their books that they would like to sell. Books will have GSU courses associated with them so that other users can look up a specific course and find all the users that have these books on sale for them. A messaging system will be set up for users to contact each other in order to sell or swap course books. A user’s profile can have their name, contact information and the books they are trying to sell or what they may be interesting in buying or swapping. Also users will be able to subscribe to courses so that they can see all the people who are in this course and talk to them if they need any materials. We will use several database tables to store this information, and we plan to use ISBN of each book to find other information about them from other website, such as Amazon’s price.

**Implementation:**

Languages: Python, JavaScript, HTML, CSS

Web Development Stack: Flask with Jinja.

Database: SQLite3 using Peewee as a database connection

**Work Share Document**

**Daniel Campbell**

Role: Front-End Programmer

**McKenzie Rochester**

Role: Back-End Programmer

**Jeff Sikala**

Role: Database Programmer

**Jordan Smith**

Role: Technical Writer

**Anthony Jones**

Role: Team Leader & Client/Tester