<u>Project Milestone 5</u>

Title: TextBuddy (Website) - a source for buying and selling textbooks online
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UAT Plan

<u>TextBuddy Features (List of Requirements):</u>

1. Create Account
   a. Users create accounts through a registration page. They will have to provide information about themselves, which will be added to a database of users.
2. Sign-In
   a. If a user already has an account, they can directly log in by entering username and password. The page will verify information, and if it matches a user in the database, they will have access to the site. Directs to the homepage
3. Sell Textbooks/Notes
   a. Users can sell textbooks by posting listings for textbooks/notes that they have. They must provide information on what they are putting up for sale and contact information, which will then appear on the listing page.
4. Buy Textbooks
   a. Users will be able to search/buy textbooks and notes. These materials will be searchable by category, and the database will store the files and information that are displayed.
5. Forum
   a. A forum space separated by different categories of courses where people can discuss homework and other class ideas.
   b. Users can post and reply to other users' posts, which will appear in the forum category.
6. File Sharing
   a. Users can upload or sell lecture notes, study guides, etc. This will take place within the listings for selling textbooks/notes. The users will have the option of filtering search to only see file uploads of notes.
7. Payment Page
   a. Users will see a page that says that TextBuddy does not authorize payments. It defines that all payment transactions will occur off-site, and TextBuddy will simply allow users to see what is being sold and provide each other's contact information.

User Test Cases:

Create Account

Purpose: User must be able to enter all required information (first name, last name, username, password, email), and these data get in our database. The information must be accurate and verified with the database as unique.

Test Cases:
- ➢ User enters all unique information and is able to create an account. This account can be then used with further features
- ➢ User enters an incorrect email and receives an error
- ➢ User enters information that already exists in the database
- ➢ User need to correspond to all requirements for password
- ➢ User password and confirm password does not match
- ➢ User does not fill in all required inputs
- ➢ User with an existing account can click the login button, which directs them to login/sign-up page

Sign-In

Purpose: Users must be able to enter the username and password which are already existed in the database, allowing them to enter the website.

Test Cases:
- ➢ User with a pre-existing account is able to enter a username and password and access the website.
- ➢ User is logged in after access to the website is gained.
- ➢ User enters an incorrect username and password (that is not stored in the database) and does not gain access to the home page.
- ➢ User without account clicks the create account button, which directs them to the create account page.

Sell Textbooks

Purpose: Users can post a listing for their textbook with all of the pertinent information to selling it. The listing must be stored in a database so that it can be shown to other users.

Test Cases:
- ➢ The user clicks the button to add a textbook and a forum opens for them to enter information

- ➤ A user posts a listing and it is assigned to their account/email through the database and in the listing.
- ➤ A user posts a listing it appears on the listing page when it is refreshed
- ➤ A user does not include all the required information in the add textbook form and an error occurs
- ➤ The information on the listing agrees with the information they entered

Buy Textbooks

Purpose: Users can view listings that have been posted prior and see all of the necessary information to purchase it. This includes seeing who posted the listing so that they be contacted. Users should be able to filter by textbook name, whether it is a textbook or notebook, and by subject.

Test Cases:
- ➤ When user enters the listings page, all listings currently in the database should appear on the page at once
- ➤ User uses search functionality and only listings that match the subject criteria are shown
- ➤ User uses search functionality and only listings that match a certain portion of the title should be shown.
- ➤ User uses search functionality and only listings that match notebook/textbook selection should be shown
- ➤ Every listing shown should have contact information so that the buyer may contact the seller and purchase the textbook
- ➤ The buyer must be able to see all pertinent information to buying the textbook

Forum

Purpose: Users can choose a category of their choice and make a forum post. Other users can reply to these posts.

Test Cases:
- ➤ When user enters the forum page, all posts currently in the database should appear on the page at once
- ➤ When filtered (user selects category button), only posts that match the subject criteria should be shown
- ➤ User can post a new discussion using a title name, subject filter, and text of the post
- ➤ User is able to reply to any posts on the forum page
- ➤ When a user posts a discussion it appears on the forum page when it is refreshed

File Sharing

Purpose: Users can upload a picture of their textbook/notebook when they create a post in the listings page.

Test Cases:
- ➢ User uploads a jpg or png file and successfully attaches an image to their listing post.
- ➢ User uploads an incorrect file and is unable to create a listing post.
- ➢ User uploads no image along with their listing post and still is able to successfully make a listing post.
- ➢ User is able to see images attached to posts on the listings page.

Payment Page

Purpose: Informs the user of the TextBuddy payment procedure (i.e that TextBuddy does not authorize payments.)

Test Cases:
- ➢ Users should be directed to the payment page when they are looking for information regarding how to make payment transactions.