User and Installation Guide

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1 Introduction

College Book is a social media platform for college students who would like to interact and engage with their fellow students on a broader scale, outside of the classroom. You must have an account to use this network, but the ways in which people can post statuses is more relaxed than other networks. Using PHP, CSS, Bootstrap, and SQL, we were able to create an effective way to connect people who may not have met otherwise.

2 Installation and Build Guide Details

*For using this website, you can just go to the link at the bottom of this section.
How to edit and maintain the website from our server:

1. Go to the cpanel interface (http://collegebook.website/cpanel)
    a. Type in login information
        i. Username: collquwk
        ii. Password: aTaaUGsoZUlq
2. Edit web files by clicking on "File Manager" icon
    a. Then click on 'www' folder
    b. Then click on 'website' folder
        i. Webpage code will be in the "website" folder
        ii. CSS and PHP will be in the 'CSS' and 'PHP' folder in "resources" folder
3. Look at the database structure by clicking on "phpMyAdmin" icon on the cpanel main page
    a. Click on "collquwk_collegebook" to see our database tables
    b. Click on [table_name] to view any of our table records

This next section is how we built the website on our server from scratch, but our server is already running so just follow the above steps.
Our source code and database are ALREADY on this server, as you saw from the previous steps. If, however, you were starting from scratch, you could upload all of these files by:

1. Downloading our github repository at https://github.com/FatherBrian/CSE-201-Project-Folder . Select the Clone or Download. Select Download ZIP.
2. Once downloaded, make sure the folder is unzipped.
3. Log in to cpanel at http://collegebook.website/cpanel .
4. Go to the "File Manager" icon, and select upload. (This would take the place of the 'website' folder within the 'www' folder in the server right now)
5. Next, you would go into the downloaded github folder, go to 'resources/', and find the 'sql' folder.
6. Within 'sql' is a file called structure.sql. Copy everything in this file.
7. Go to cpanel and click on the phpmyadmin icon. go to the SQL tab at the top of the page.

8. In the entry box, paste all of the code that you copied from structure.sql. Click go. Now all the databases are instated.
9. Now, the website is functioning so go to the link below.
Again, this is already done, but we are expressing how you would build the server from scratch if you had just bought a new domain.

To access the front-end design and user interface for this website just search www.collegebook.website/website/website in any search engine.

3 User's Guide

To access the website, search www.collegebook.website/website/website in any search engine.
- First, create an account and login. You will be redirected to your home page.
- On your home page, you can see posts that are connected to you in some way.
- At any time, you can come back to the home page by clicking the college book text at the top left.
- From any screen, you will be able to access your profile, your college, your connections, or logout.
- If you select college, you will be taken to your college's specific wall, where you can post and connect will other students.
- In the search bar, you will be able to search for any user, or any group. The result page will have people and groups split up into their different categories.
- Clicking on any group or person will take you to their profile. You will be able to post on their wall or send a friend request.
- In profile, you can post to your wall or upload your picture
- In requests, you will be able to see all the friend requests you have from users. Clicking on their names will take you to their page where you will be able to accept the request.
- In connections, you can see all of your friends and groups, as well as directly post to them from this page.
- From the connections page, you can send a message to other friends (if you are friends with another person in the system)
  o You can view messages sent by other friends in the messages webpage
- To end your session, you can select logout.

4 Gallery Maintenance
To maintain this website, you need to login to the cpanel website (http://collegebook.website/cpanel) and follow the instructions given within the "Installation and Build Guide Details" section

5 Known Issues and Vulnerabilities
- As with most php websites, refreshing the page will cause a form resubmission.
- This causes a bug if you had just posted a message on your wall or anyone else's, if you hit refresh before going to any other page, the post may submit twice and you will see a duplicate post.

- A bug like this comes from a problem within the language when using the 'post' method to submit data from a button. Refreshing the page resends that post request.

6 Requirements
- Working through the user stories brought about more work that needed to be done to create a functioning website.
- As you will see, the "Follow College" User story is now enveloped in the login process. We decided to do this because it is an important aspect of our website and should be required.
- Also, the "Side Bar" user story was completed within the connections page of your profile. We decided to give this its own page so as to allow for more functionality that a small side bar could not give us.