Project Abstract

QuickSFU is a web application where SFU students may view and download notes. The documents uploaded are shared under specific courses. To upload and download documents, users must register an account using an SFU email address. Users will be able to aid admins in curating uploaded content through a rating system and comment submissions. Under each page relating to a specific course, the application will aggregate information from, and provide links to, websites commonly used by SFU. Examples of these websites include but are not limited to CourseDigger, Owlbooks, and the SFU Textbook Trade Center facebook group. QuickSFU will also hold a forum page where students may post and discuss SFU-related or miscellaneous topics.

Customer

Our target customers are primarily students attending SFU, who are looking for course information or resources. Eventually we hope to extend this to allow students from other universities access.

Competitive Analysis

Our main competitors are Chegg, CourseHero and Slader, which provide access to course notes and textbook solutions but you have to pay for them, most times before you even get to see the whole document you are paying for. Slader also provides free solutions to textbook questions, but it is uncertain whether you will be able to find the specific answers you are looking for. QuickSFU aims to provide all these services in one place, free of charge, with full access to all notes and solutions, and links to other useful pages to provide even more information.

User Stories

The actors involved in QuickSFU are mainly regular users, which will be SFU students.

Sign - Up: First time users can make an account on their first time visiting QuickSFU, providing their username, SFU email address and password. This will create their account and allow them to log in to the website in the future.

Log - In: Users who have already made an account can log in using the SFU email they provided on sign up and their chosen password. Logging in allows them to access website content.

Searching for Courses: As a registered or unregistered user, you can search for a specific course and if it exists you can access notes that other users have provided as well as links to other pages related to that course (CourseDigger, Slader).

Viewing a Course: Registered and unregistered users can see a course page, which includes a course outline, documents uploaded by previous students, links to CourseDigger and other useful websites.

Uploading a Document: Only registered users can add documents by clicking on an add button, which then leads them to a page where they fill in attributes about the document before uploading.

Rating a Document: Only registered can rate a document based on the quality of the document. The number of upvotes on a document are kept track of and highest rated documents will appear at the top of the page.
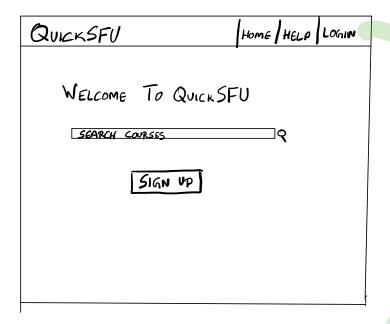
Commenting: Registered users can post comments on documents to let other users know about the quality of the content.
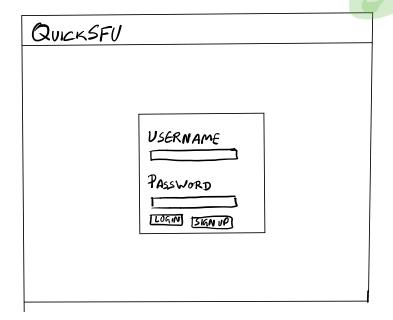
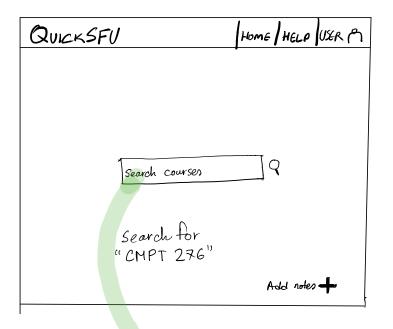Moderation: Administrators can moderate content and remove documents that are not good quality.

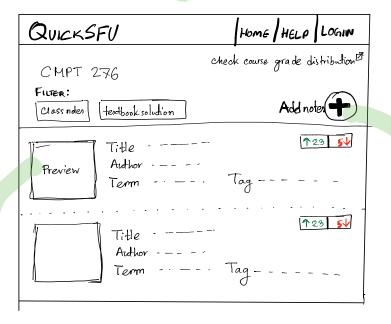**User Interface Requirements**

-   Home page of the website has a search bar to search courses and a sign up button for user not already registered, as well as links at the top to home, about, and login
-   After searching a course users see a course page which has a link to a course distribution and shows all related documents, which users can filter by tags
-   Users can click on a document which takes them to a document preview and displays comments on the side
-   Users can also click an add document button to upload their own documents, which takes them to a page where they fill in information about the document

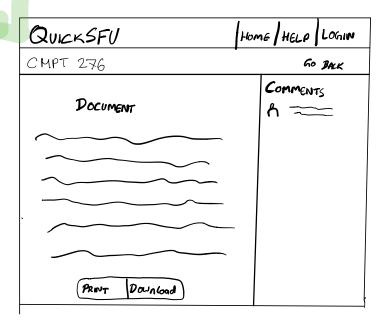**Gitlab URL : https://csil-git1.cs.surrey.sfu.ca/rpranta/QuickMath.git**

QuickSFU | Home | Help | Login

WELCOME TO QuickSFU

| SEARCH COURSES | Q

[SIGN UP]

QuickSFU

USERNAME

PASSWORD

[LOGIN] [SIGN UP]

QuickSFU

Search courses 🔍

Search for
"CMPT 276"

Add notes ✚

QuickSFU

check course grade distribution ⬈

CMPT 276

FILTER:

Class notes   textbook solution

Add notes ✚

Preview

Title - - - - - - - -
Author - - - - - -
Term - - - - - -   Tag - - - - - -

↑23 5↓

Title - - - - - - -
Author - - - - - -
Term - - - - - -   Tag - - - - - - - -

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QuickSFU

CMPT 276

GO BACK

DOCUMENT

COMMENTS

PRINT | Download

QuickSFU

Add notes

Upload

select file

Course Name

Title of the document

Term

Prof name

Description

Tags : notes | solution