

Class: **3308 Software Dev**

Team Name: **Agile Avengers**

Recitation: **014**

Team number: **04**

Group Members:

- **Daniel Bonnecaze** - [danielbonnecaze](#)
- **Noah Garrett** - [noahggarrett-1](#)
- **James Gashi** - [james-gashi](#)
- **Brandon Schuster** - [Brandon-Schuster](#)
- **Jeremy Tang** - [jeta5277](#)

**Application Name:** QuickBook

### **Application Description:**

QuickBook is a straightforward and accessible way to book study rooms across campus. The platform displays which rooms are currently booked and allows users to reserve rooms for future times. To achieve this, a public domain displaying a map with times of booked and unbooked CSEL rooms will be provided. However, users who sign in with their “identikey” can enjoy additional features such as the ability to search for specific rooms, view previous bookings, and make recurring bookings.

QuickBook endeavors to simplify the process of room booking by leveraging an external form API, which is supplied by Google. Through this integration, users are able to reserve rooms directly from QuickBook's platform in a reflex manner. As a result of utilizing this solution, QuickBook effectively streamlines the booking procedure and renders it more quickly accessible for all users. In summary, QuickBook presents a user-friendly interface that entails transparent and conspicuous illustrations showcasing the available rooms alongside advanced features specifically catered for registered users. It thus makes an ideal solution for campus students, faculty or staff who wishfully opt to book study rooms with ease and convenience on-demand.

**Vision Statement:** For CU Boulder Students, Who need to book study rooms across campus. Quickbook is an application that helps CU Boulder Students search for open rooms for the CSEL area of the engineering center. Unlike CSEL Ambassadors, our product is quick, easy, and accessible anywhere and to every student.

**Version Control:** [\[Repo\]](#)

**Development Methodology:** [\[Storyboard\]](#)

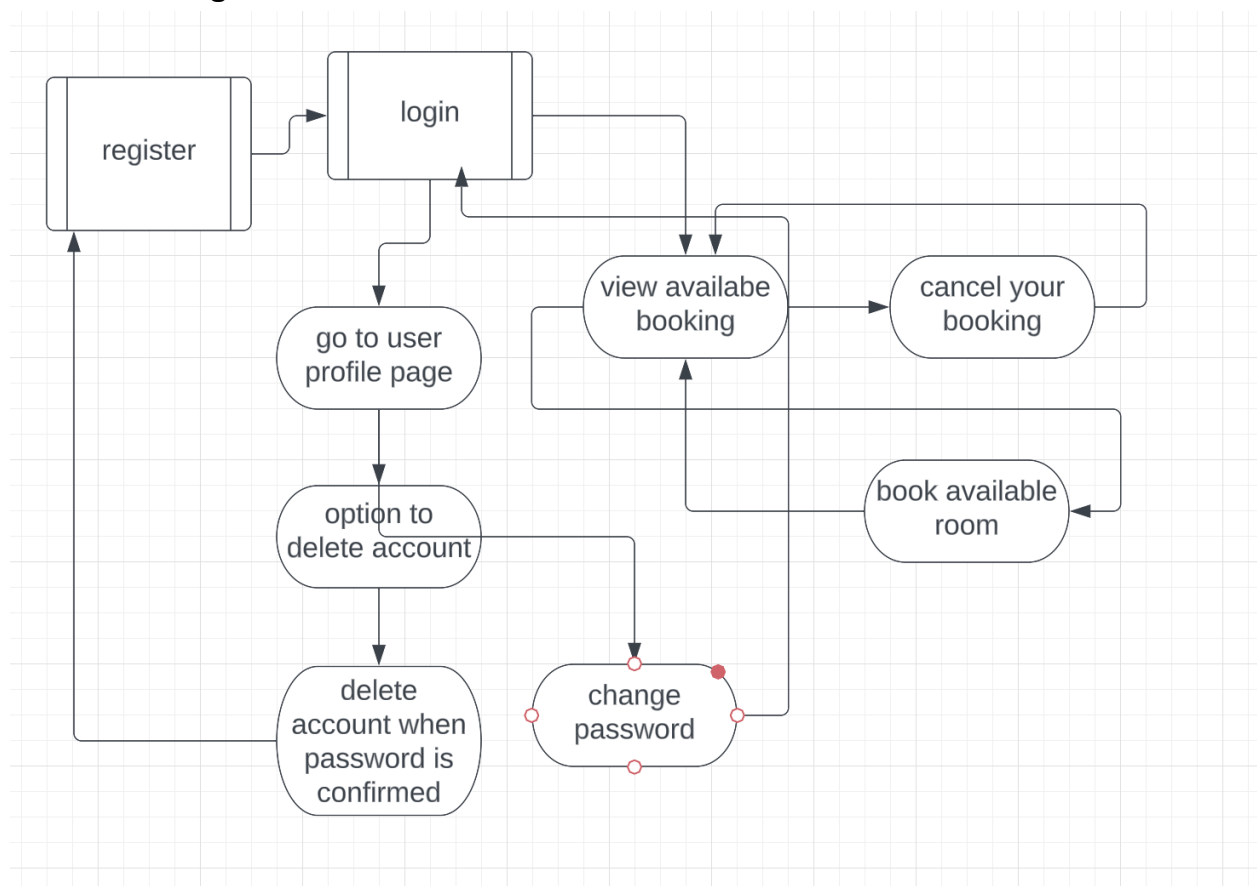
**Communication Plan:** We will be using a private discord server to organize the communication between us as well as communicating in a text message group chat for quick messages between us. In regards to communication with the TA, the main way of communication will be through email.

### Meeting Plan:

**Team Meetings:** Keep up to date with each other's messages and communicate as much as humanly possible. For our weekly meetings we will meet together at least once a week in the CSEL to ensure that we are all up to date with our project and todos. Some time frames that work for all of us are 6-7pm.

**Weekly TA Meeting:** Tue @ 10am in the CSEL with Swaminathan Sriram.

### Use Case Diagram:



## Wireframes:

A hand-drawn wireframe for a registration page, titled "Quickbook". The page is enclosed in a large rectangular border. At the top, the word "Quickbook" is written in a cursive font. Below it, the word "Register" is written in a similar font. Underneath "Register", there are three rectangular input fields stacked vertically, labeled "Username", "Password", and "Confirm Password". At the bottom of the form, there is a rounded rectangular button labeled "REGISTER".

Quickbook

Register

Username

Password

Confirm Password

REGISTER



Quickbook

Login

Username

Password

LOGIN

Home

## Bookings

## Quickbooks

# Profile

Venue

Date


CSEL<sub>v</sub>

AM

DD

Y Y Y Y

Rustandy  
Norlin  
Gennell

 = Booked

$T = \text{Available}$

[illegible]



# Booking Room form

Study Room A 1:00pm  
Room Capacity: 5

Name

Party Size

Notes

BOOK ROOM

# Cancel Booking Form

Study Room A 1:00pm  
Room Capacity: 5

Name

Party Size

Notes

All fields  
are already  
filled in

CANCEL BOOKING



Home

Bookings

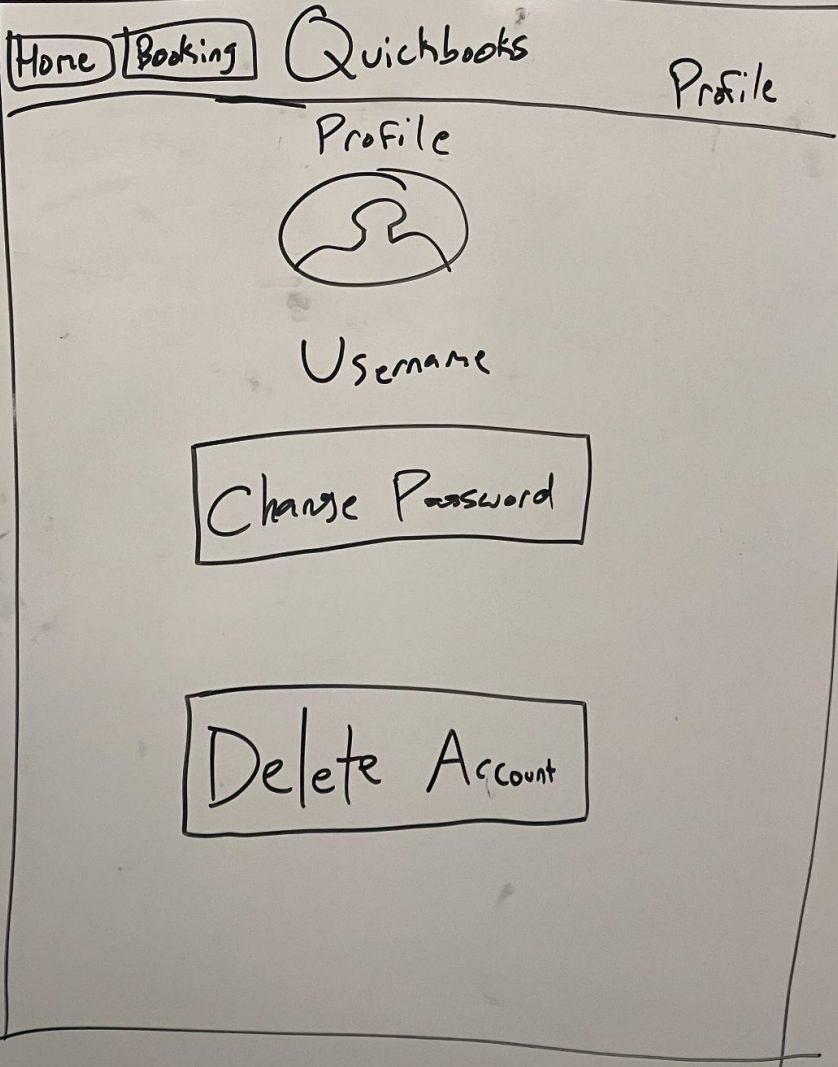
QuickBook

Profile

Bookings

CSEL	Study Room A	11:00 AM
Norlin	Study Room B	2:00 PM
:	:	:
:	:	:
:	:	:





Home Booking QuickBooks

Profile

Change Password

New Password

Confirm Password

Submit



Home

Bookings

QuickBook

Profile

Delete Account

Password

Confirm Password

CONFIRM

DELETE