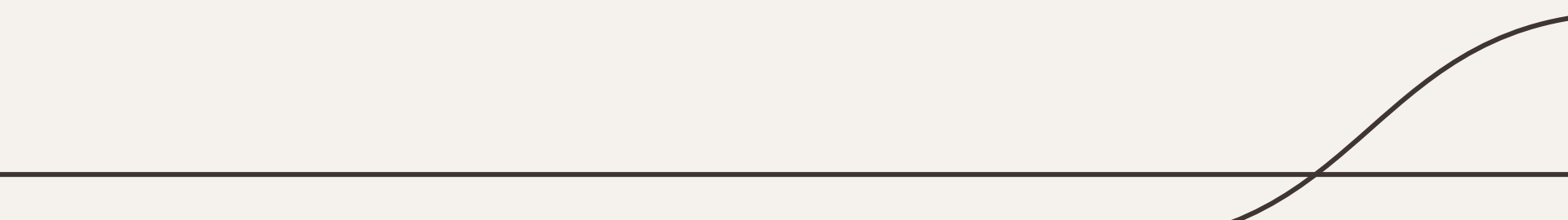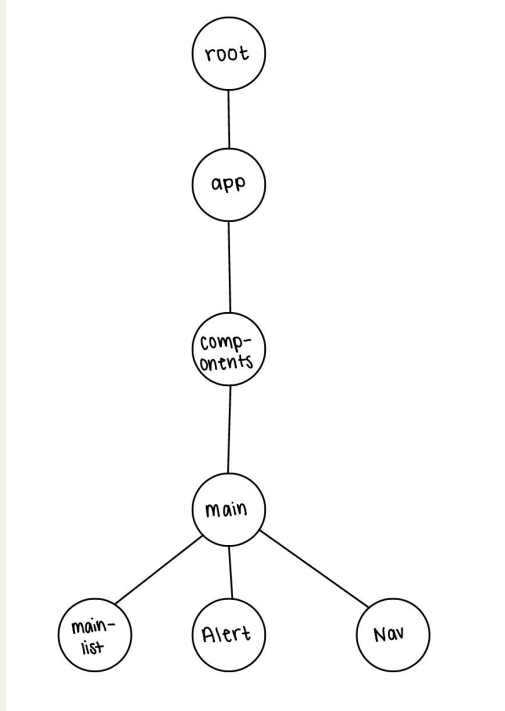# Study Buddy Connect

Sofia Dillhoff and Celina Ryan

Problem

College students face challenges in finding suitable study partners and collaborative learning opportunities due to the lack of a centralized platform, leading to missed opportunities for diverse knowledge exchange

Solution

Study Buddy Connect addresses these issues by providing a seamless and centralized platform that connects students in the same courses at their universities, fostering a supportive community and enhancing the overall educational experience for college students.

Technology: Architecture F3

Sign-up

firstName	String
lastName	String
userName	String
password	String
email	string
phoneNumber	int
university	String
major	String
Classes Can Help With	String
Classes Need Help With	String

Technology: Feature 3

Welcome to Study Buddy Connect!

Empowering college students through collaborative learning and connections for academic success.

Sign up Below

First name:

Last name:

Username:

Password:

Email:

Phone Number:

University:

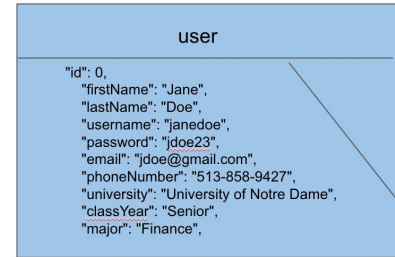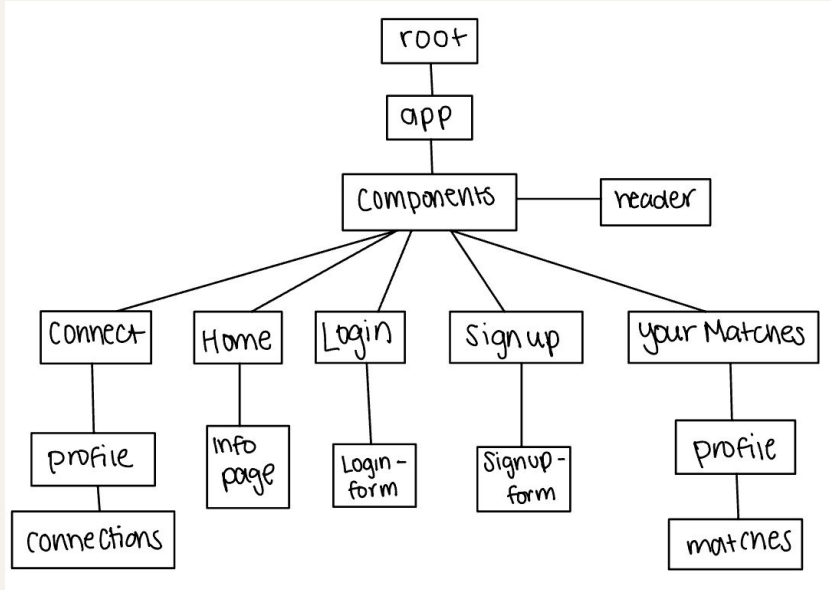Major:

Classes You Can Help with:

Classes You Need Help with:

Register

Find a Match

- Jane Doe | University of Notre Dame |Senior | Finance | jdoe@gmail.com | Can Help With: Accounting 1, Accounting 2, Business Principles, Finance 101 | Need Help With: Calculus 3, Theology 2
- John Mayer | Tennessee State University |Freshman | Finance | jmayer@gmail.com | Can Help With: Calculus 3, Guitar 101 | Need Help With: Finance 101, Business Principles
- Justin Beiber | Central Michigan University |Sophomore | Economics | jbeibs@gmail.com | Can Help With: Business Principles | Need Help With: Guitar 101, Accounting 1
- Sarah Smith | University of Southern California |Junior | Computer Science | smith27@gmail.com | Can Help With: Fundamentals of Computing, Data Structures, Systems Programming | Need Help With: Operating Systems
- Monica Geller | Ohio State University |Senior | Computer Science | monicageller@gmail.com | Can Help With: Fundamentals of Computing, Data Structures, Systems Programming, Operating Systems | Need Help With: Compilers
- Ethan Vicente | North Carolina State University |Senior | Economics | ethanvicente@gmail.com | Can Help With: Business Principles | Need Help With: Accounting 2, Fundamentals of Computing
- Matthew Rebey | North Carolina State University |Senior | Economics | mrebey@gmail.com | Can Help With: Calculus 3 | Need Help With: Business Principles
- Jack Savage | University of Southern California |Senior | Computer Science | savagejack@gmail.com | Can Help With: Fundamentals of Computing, Data Structures, Systems Programming, Operating Systems, Compilers | Need Help With: Theology 2
- Rachel Lee | Duke University |Freshman | Finance | rachel.lee@gmail.com | Can Help With: Finance 101 | Need Help With: Accounting 1, Business Principles
- Hannah Montana | Duke University |Sophomore | Finance | hannahmontana@gmail.com | Can Help With: Theology 2 | Need Help With: Accounting 1, Business Principles, Finance 101
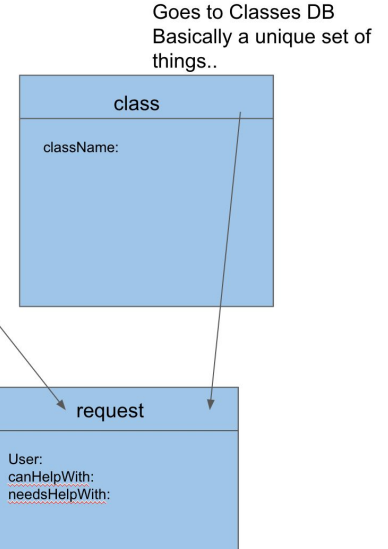
Technology: Architecture F4

root

app

Components — reader

Connect | Home | Login | Sign up | your Matches

Profile

Info page

Login-form

Signup-form

Profile

Connections

matches

---

user

"id": 0,
    "firstName": "Jane",
    "lastName": "Doe",
    "username": "janedoe",
    "password": "jdoe23",
    "email": "jdoe@gmail.com",
    "phoneNumber": "513-858-9427",
    "university": "University of Notre Dame",
    "classYear": "Senior",
    "major": "Finance",

Goes to Users DB

Goes to Classes DB
Basically a unique set of things..

class

className:

Match is when needs and strengths line up
Need and ability, users create requests
Then we can match requests – do a query
on requests… match canHelpWith and
needsHelpWith

request

User:
canHelpWith:
needsHelpWith:

UML – Unified Modeling Language

Technology: Feature 4

Home   Sign up   Login   Connect   Your Matches

Create a Study Buddy account below:

First name:

Last name:

Username:

Home   Sign up   Login   Connect   Your Matches

Login to your Study Buddy account below:

Username:

Password:

Log in

Home   Sign up   Login   Connect   Your Matches

Welcome to Study Buddy Connect!

Empowering college students through collaborative learning and connections for academic success.

Data in our database: this is the main list stateless child component.

Classes:

- uhzAxiiqQ1 I heology
- jIyODkMkKM I undamentals of Computin
- eCRVv7A0F5 I ccounting
- 7E5CGZMyfX I counting
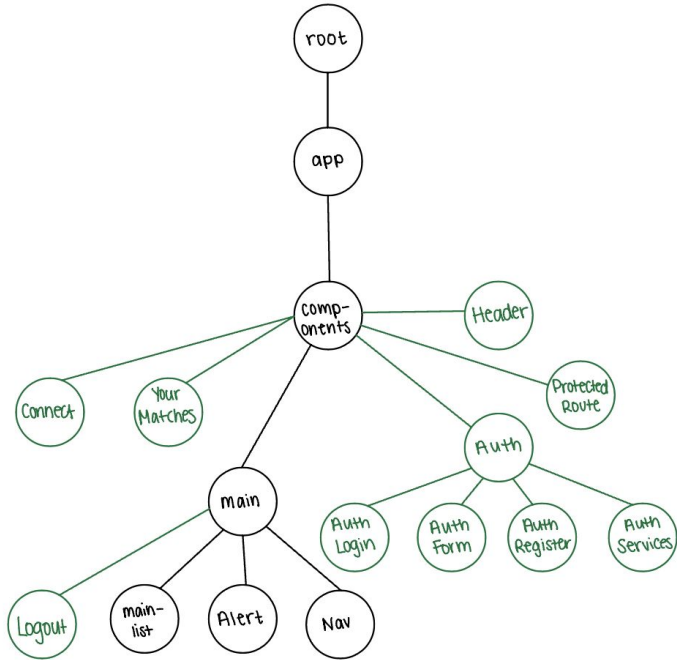- eJE9jbEAdn I usiness Principle

---

View your matches here:

This is the your matches component

Connect with other students

This is the connect component

Technology: Feature 5 Architecture

User

firstName	string
lastName	string
userName	string
password	string
email	string
phoneNumber	int
university	string
major	string
Classes Can Help With	string
Classes Need Help With	string

Your Matches

classesCanHelpWith
classesNeedHelpWith
User

Technology: Feature 5

Login Here

Username:

username

Password:

password

Submit

Register Here

Username:

username

Password:

password

First Name:

first name

Last Name:

last name

Email:

email

Phone Number:

phoneNumber

University:

university

Major:

major

Feature 6

Demo

Chat Database

Plan: Next Steps

View User Profile

Users should be able to view their profile information, upload new content and profile picture.

Notifications

Currently users have to go to chat to see any updates, with this added feature users would be able to see on their dashboard if they have any new messages.

User Verification

User would be able to reset password if they forgot it and also they would have to verify their email address once they make an account.

Ability to Upload Pictures

In the chat box, students should be able to upload pictures of their notes and anything else academic they would like to share with their study buddy

Video Chatting

Users would be able to go a step beyond chatting via the Chat feature. They would be able to call and see each other face to face for a study session.

Study Groups or Forums

Users would be able to group together based on needing help with one class.

Feature 6 Demo Notes & Stories

Sofia Stories and Demo:

- CSS Styling to home page and chatbox
    - Buttons & slide in slide out features
    - Hover
    - More aesthetic
- Form for making an user
- When you log in, more tabs show up the nav bar vs when you are logged out
- Protected routes
    - Buddy finder, buddy chatroom
    - Auth → login, & Register

Celina:

- Request
- add class
- chat