

# Peer Taught

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# What does our application do?

- Tutoring tool for students to get help and provide help to their peers
- Register with a school email address
- Provide open and honest platform
  - Every student has to submit their email with their question or answer

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### Recent Questions

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#### Math square root question

How do you find the square root of a negative number?

[View](#)

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#### Whats the Coriolis effect?

It keeps showing up in my book.

[View](#)

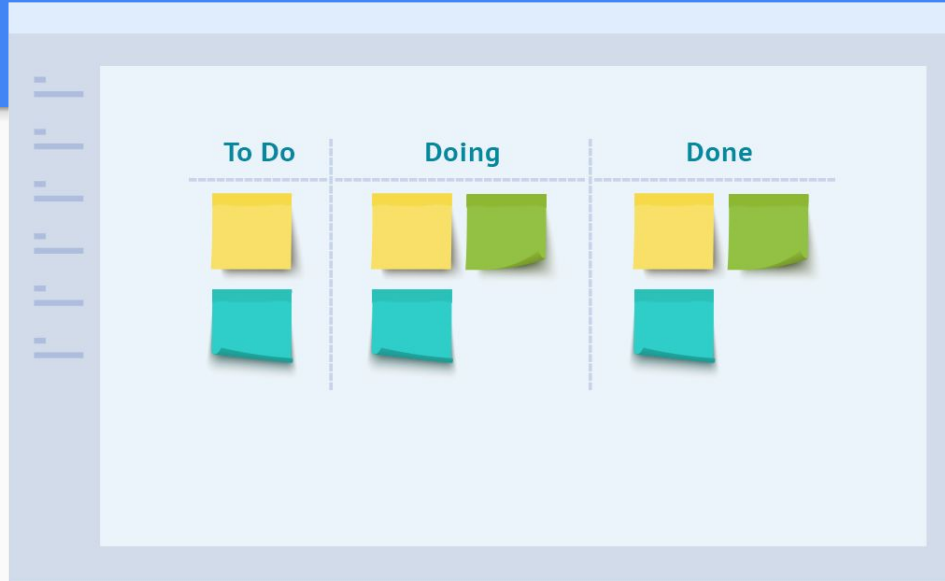
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#### True or False?

The graph of  $f(x)$  and that of  $f(x+2)$  are the same.

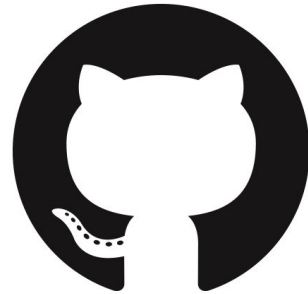
[View](#)

# Kanban Methodology



Rating: 4 Stars

# GitHub Project Management Tool



**GitHub**

Rating: 5 Stars

Calvin-Zikakis

Repositories 17 Projects 1

Software Dev Project - Peer Based Tutoring

Updated yesterday

Filter cards

+

...

4 Done

Wireframe the website

Mackenzie  
Sunday October 27th  
Added by Calvin-Zikakis

Create a general design principle.  
aka html it

Calvin / tiger  
November 10th  
Added by mackenzielobato

Design interface

Tiger  
November 3rd  
Added by mackenzielobato

Design database (designing sequel tables)

November 10  
Maura  
Added by mackenzielobato

3 Ideas

Groups: allow students to create study groups

Low priority will do if more time.  
November 24th  
Added by mackenzielobato

Ranking System for answers based on the quality of the response and if they answered the question or not.

Everyone  
November 10  
Added by mackenzielobato

Point System: This feature rewards users with points for answering questions and receiving good ratings that they can then use to ask questions.

Added by mackenzielobato

2 Waiting on Database

Login: allow users to login to the platform

November 10th  
Ce  
I coded up the html / js. Please code up the database connection for password check for login and info store for signup - Calvin  
Added by mackenzielobato

Signup method for the website. Need to sign up with CU email. Will use regex to check the validity of the email address.

Finished this - Just needs to store info in the database now

• Calvin  
November 15  
Added by mackenzielobato

5 Needs JS and SQL linking

View question page / comment

Added by Calvin-Zikakis

User Profile

Added by Calvin-Zikakis

This post feature allows the user to post a question to the website.

November 10  
Calvin  
Can someone else help me with this?  
Thanks.  
Added by mackenzielobato

HTML for home page

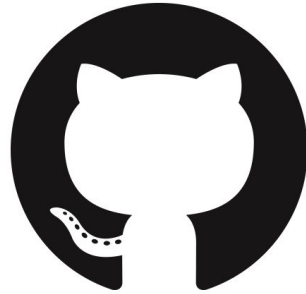
-Someone finish up the HTML on the github for the home page please.  
Added by Calvin-Zikakis

Search will allow users to search for questions.

November 10th  
Added by mackenzielobato

Meetings took place in Norlin Library on Sundays at 4:30

# GitHub Repositories



**GitHub**

Rating: 5 Stars

Location of all the code for our application

9 commits

1 branch

0 packages

0 releases

3 contributors

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

ceqiu HTML version of search\_page ...

Latest commit fdb24e1 13 days ago

Connection	establish connection to database to store user sign up info	18 days ago
Login Page	changed a couple comments	27 days ago
QuestionPage	Added ask question page	14 days ago
homepage	everything up to date now	27 days ago
search_page	HTML version of search_page	13 days ago
.DS_Store	changed a couple comments	27 days ago
README.md	Update README.md	27 days ago

README.md

## Software-Dev-Project-Code

Location of all the code for our application



# Tools Used:



Rating: 5 Stars



Visual Studio Code

Rating: 5 Stars



**HEROKU**

Rating: 3.5 Stars



Rating: 4 Stars

PostgreSQL

# Database Architecture

**Database Name:** SITE\_DIRECTORY

USER\_INFO

UserId: serial primary key
FirstName: varchar(50) not null
LastName: varchar(50) not null
Email: varchar(50) not null
Password: varchar(50) not null
Questions: int[ ]
Answers: int [ ]

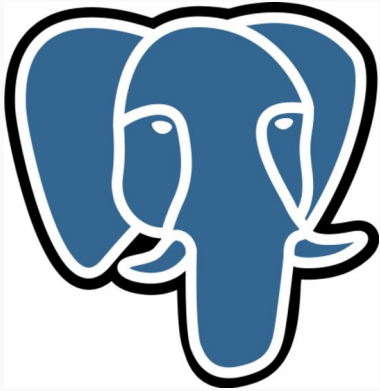
QUESTIONS

Question_id: serial primary key
Question_ask: varchar(250) not null
Question_info: text
Question_tag: varchar(20) not null
User_email: varchar(50) not null

ANSWERS

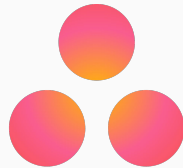
Answer_id: serial primary key
Answer_text: text not null
Question_id: int not null
Question_tag: varchar(20) not null
User_email: varchar(50) not null

# Expected Tools

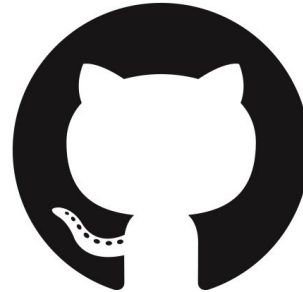


There's no place like  
**127.0.0.1**

powered by  
**aws**



**asana**



# Challenges

- Database challenges
  - Implementing without pug straight into html
  - Creating own get/post requests with queries
  - Connection to database from Heroku
- Using LocalHost, instead decided to use Heroku as our hosting platform
  - Issues included formatting and .pug files
- app.js

# Demo

<https://peer-taught.herokuapp.com/>