

Whose Answer Was it Anyways?

User manual

Keyla Cerna, Kyle Discher, Antionio Guadarrama, Jason Stearns | CS 481 | March 8, 2018

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1. **Introduction**

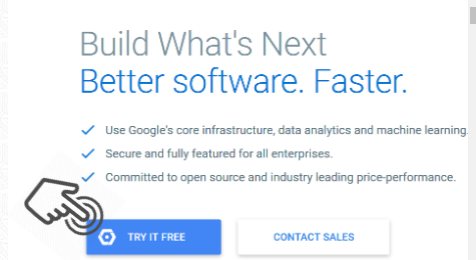
**1.1 Purpose**

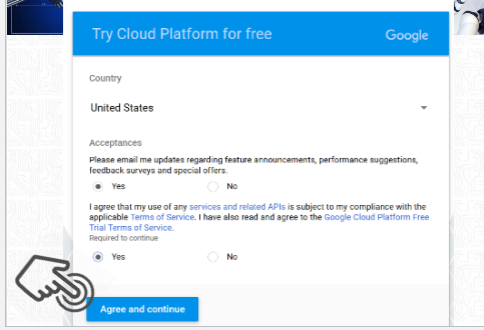
The purpose of this document is to explain how to use “Whose Answer Was It Anyway?” which is a polling site for professor/ instructors to use to gain a better understanding of students understanding of course/lecture material, and to take attendance.

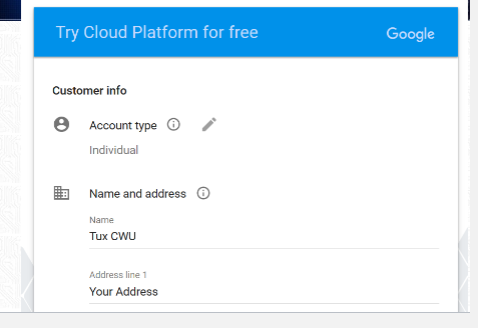
* 1. **Account Information**
* **Github:**
  + Username: cs481project
  + Email: [cs481project@gmail.com](mailto:cs481project@gmail.com)
  + Pass: isbSy73jsy#$2
* **Gmail:**
  + Username: [cs481project@gmail.com](mailto:cs481project@gmail.com)
  + Pass: membernotfound481
* **Plivo:**
  + Email: [cs481project@gmail.com](mailto:cs481project@gmail.com)
  + Pass: Membernotfound481

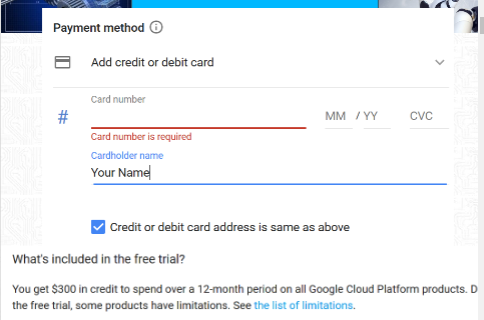
1. **Setting Up WAWIA**
   1. **Setting Up Server**

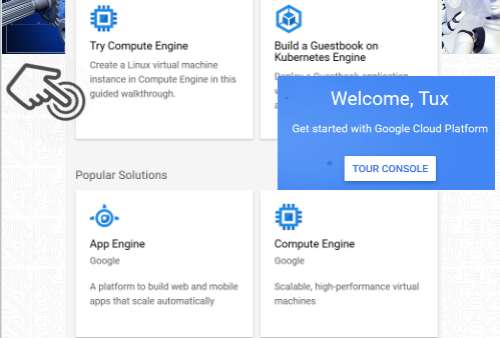
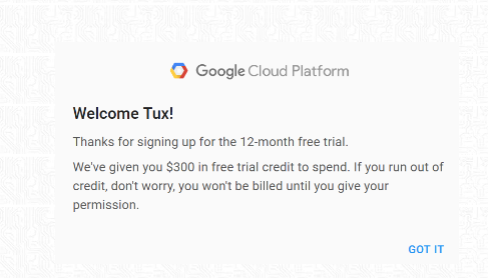
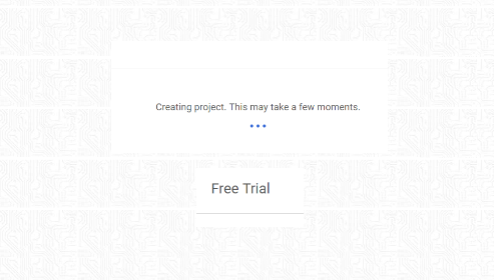
To set up the server on a google cloud VPS first you must create a google cloud account.

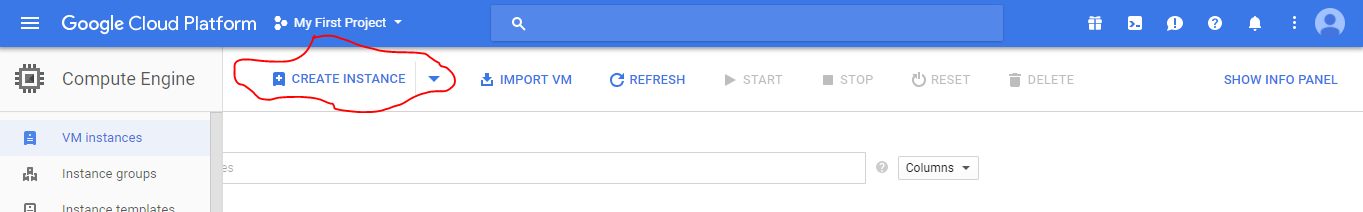
Go to cloud.google.com and click try it free.

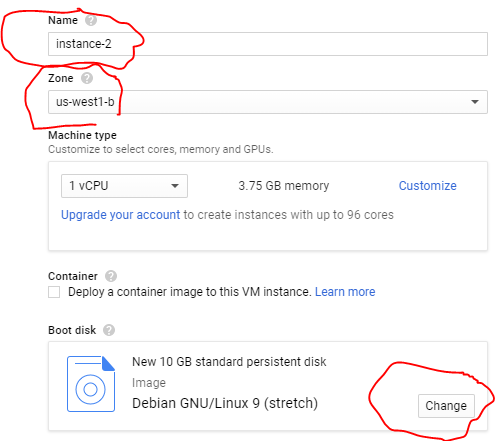


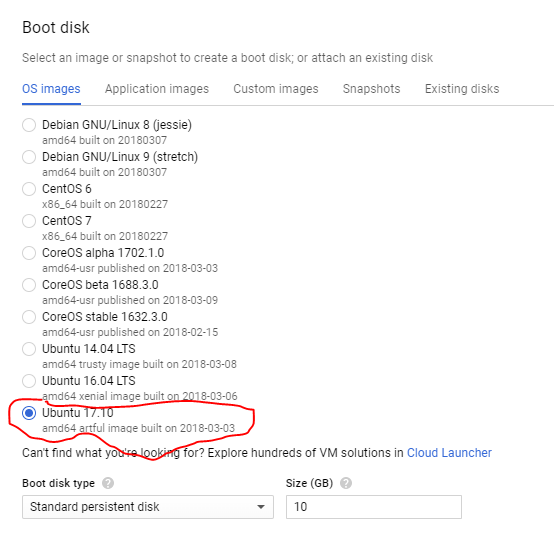




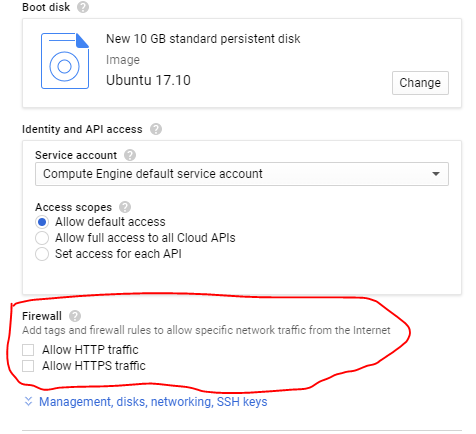
When you enter your credit card you will receive a $300 credit/ 1 year trial period after which your server will be shut down until you agree to begin paying for the service. You will not be charged unless you agree to continue with the service after the trial period.



Select a name and choose US west then change the boot disk



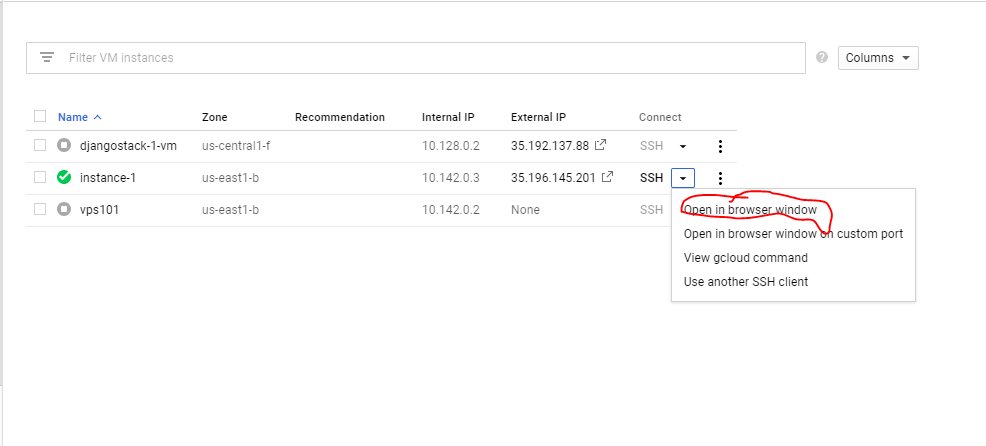
Make sure to select ubuntu 17.10.



Check allow http and https traffic(should be checked).

Then hit create.

Once the instance is created click the arrow next to ssh and select open in new window.



Type sudo su.

Hit enter.

sudo apt update

sudo apt-get install python3.6

wget https://bootstrap.pypa.io/get-pip.py

sudo python get-pip.py

pip install --upgrade virtualenv

sudo apt-get install git

mkdir Development

cd Development

virtualenv env -p python3.6  
source env/bin/activate

pip install Django

pip install Django[argon2]

pip install plivo

git clone <https://github.com/cs481project/WAWIA>

cd WAWIA

python manage.py makemigrations

python manage.py migrate –run-syncdb

python manage.py migrate

python manage.py runserver 0.0.0.0:80

After runserver:

Ctrl+z

Disown -h%1

Bg 1

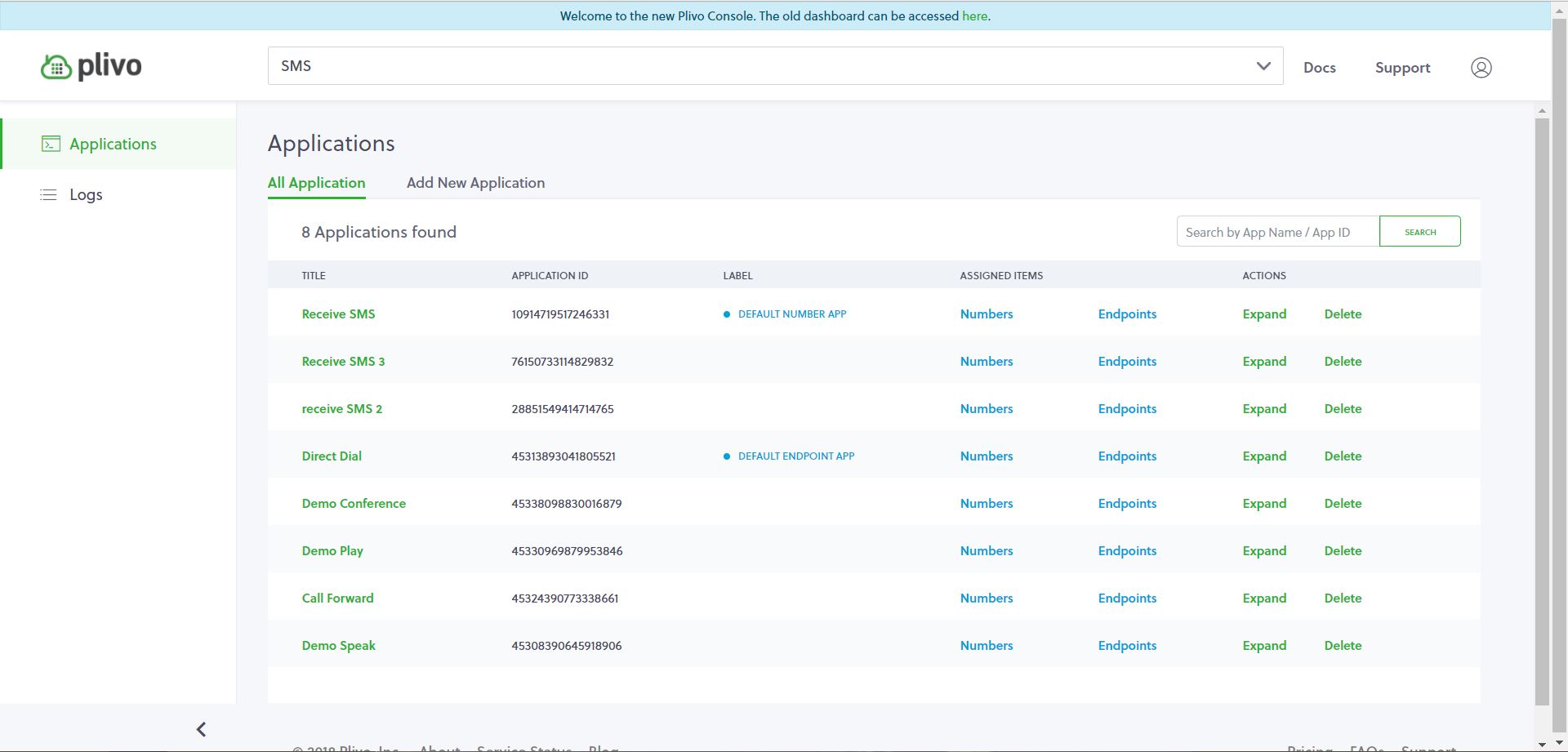
logout

**2.1 Setting Up Plivo**

Changing the Endpoints:

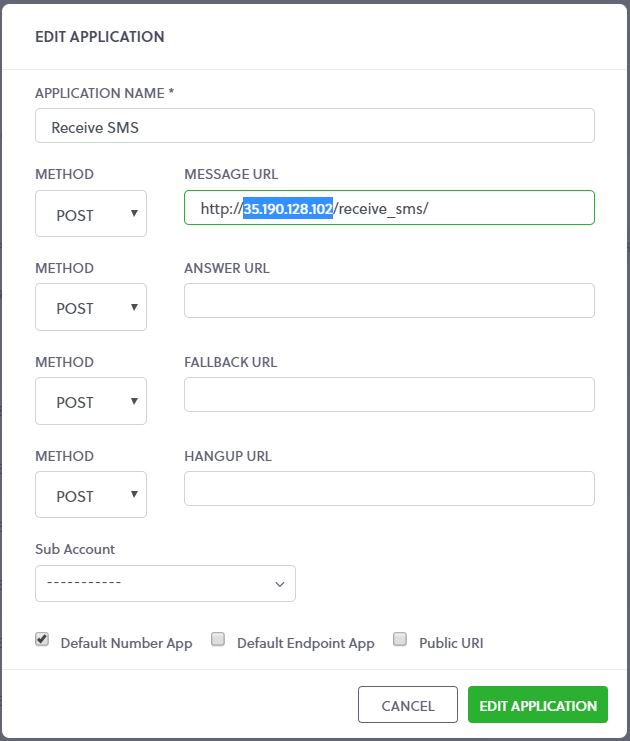
First log into Plivo using the email and password given.

One logged in, select “SMS” in the drop-down menu at the top of the page. Once this is done, the Applications for the account should be displayed (see **Figure 1**).



**Figure 1**

Now click on the green colored link “Receive SMS” application. You should see a window that looks like **Figure 2**.



**Figure 2**

Highlighted blue in **Figure 2** is the IP for the current server handling the text messages. If there is a change in server or IP change, the IP address highlighted in blue should also be changed to match. After the new IP has been added click the green “EDIT APPLICATION” button to save the changes.

1. **Page Descriptions**

**3.1 Login Page** 

To access the login page you will go to 35.196.145.201 and will enter a given user name into a text field that is labeled “Username.” The password, will be entered to a textbox below the “Username” textbox and is labeled “Password.” If the username and the password are entered correctly, then you can press the login button and it will then direct you to the home page. If one or both fields are not entered, you will be prompted to fill in the fields that were not entered. You will also have the option to select a button labeled “Remember me” for the website to remember your login information for the next time you want to login to the system.

**3.2 Empty Home Page**

A screenshot of a cell phone

Description generated with very high confidence

Once you successfully login, there are four tabs buttons that go across the top. From left to right, they are labeled “Home”, “Poll”, “Report”, and “Logout.” These buttons will be at the top of every page on this website other than the login. The “Home” button will be red to indicate that is the page you are on. The other buttons will be black. Below those buttons will be a label that says, “Whose Answer Was It Anyways?” There is another row of buttons below that are labeled “Classes” and “Add Class”, and “Change Password.” These are the “Sub tabs” for the home page. These buttons will be in all of the pages that are in the “Home Page.” The “Classes” button is also red to indicate that this is the page where classes will be displayed. Since there are no classes when you first create an account, there are no classes. Below all the labels is a list of instructions on how students will register to a class. To add a class, you click on the “Add Class” button which will direct you to the “Add Class Page.”

**3.3 Change Password**A screenshot of a cell phone

Description generated with very high confidence

The “Change Password Page” has the same basic formatting as the “Home Class Page” except that the “Change Password” button is red instead of the “Classes” button. Below the buttons and labels is a list of instructions for what a password must contain. To change your password, you must enter in your current password in the field labeled “Current Password.” Then you can enter the new password with all the requirements in the text field labeled “New Password”. To confirm the password change, you must reenter the new password in the text field labeled “Confirm New Password.” If the “Current Password” is incorrect, the new password doesn’t meet the requirements, or the confirmed password and the new passwords do not match, you will be prompted to reenter the password, or reenter the new password fields. If all the fields are entered in correctly, then you will be taken to with the main four buttons at the top and below it a label that says: “Change Password Done.” Below that is a button labeled “Return Home” that will direct you back to the home page.

**3.4 Add Class Page A screenshot of a cell phone

Description generated with very high confidence**

When you are in the “Add Class” page, the four buttons that were at the top of the home page are still there, and the “Home” button will still be red to indicate that you are still on the “Home Page.” The page will have a “Add Class” label like the home page, and below that will still have the three buttons that were on the “Home Page” except the “Add Class” button will be red instead of the “Classes” button. There are several text fields and drop downs on this page. The first is a text field labeled “Class name: “ that will prompt you to fill in the name of the class you want to add. Below that is a dropdown field labeled “Quarter: “ that will prompt you to pick the quarter of the class you are adding. The selection options are: “Winter”, “Spring”, “Summer”, and “Fall.” Below that is a dropdown labeled “Year: “ that will prompt you to select the year of the class you are adding. The selection options for this field are the current year and the next. Below that are three dropdowns labeled “Start date: .” The first dropdown will prompt you to select the month of the start date. The options for this dropdown are all the months in a year. The second dropdown will prompt you to enter the date of the start date. The options for the date field are one through thirty-one. The third dropdown will prompt you to enter the year. The options for this dropdown include the current year and ten years from the current year. Below that is a similar dropdown labeled “End date: .” This field is identical to the “Start date” dropdown field. Below that is a text field labeled “Start Time (24hr): “ which will prompt you to enter the start time of the class you are adding. The box will have “HH:MM” in grey to show that the time needs to be entered in a specific format. The “(24hr)” is to indicate that any time input after noon needs to be in military time. Below that is the text field labeled “End Time (24hr): “ which is essentially the same as the “Start Time” text field except it is meant to input the end time of the class you are adding. Once all the drop down’s and text fields are added there is a button at the bottom of the page that is labeled “Add Class.” If not all the fields are filled out, you will be prompted to fill them in, and if they are, you will be taken back to the home page where the class will be listed.

**3.5 Filled Home Page**

A screenshot of a social media post

Description generated with very high confidence

Once classes have been added by the user, they will be listed on the “Home Classes Page.” The classes are organized by the year and the quarter the later dates being placed at the top. The classes are then underneath labels called “Active Class,” “Class Name,” and “Class Key.” The “Active Class” field has radio buttons for classes that are open. The class is open if the current date is in between the start and end date. If the class isn’t open there will not be radio button. The second field, “Class Name” just has the name of the class. The third field, “Class Key” is a unique random combination of five letters and numbers that is used for students to register for a class. The fourth field is an link label called “Edit” that will take you to a page to edit the class information.

**3.6 Edit ClassA screenshot of a cell phone

Description generated with very high confidence**

The edit page looks exactly like the “Add Class” Page except the field are prepopulated with the information entered when the class was created. If the fields were all entered correctly, than the update class page should taken you to the home page again.

**3.7 Student Registration**

A screenshot of a cell phone

Description generated with very high confidence

For a student to register to a class, they must text the word “Register [First Name] [Last Name] [Class Key]” to (509) 303-4655. Once the student is registered, they will no longer need to text anything other than their answers to the same phone number. Students can register for multiple classes, they will be separated by the time the class since it is impossible for a student to be in two different classes at the same time.

**3.8 Poll Page**

On the home page you can switch between different active classes, and then start a poll for the selected class by then selected the “Poll” button at the top of the page:

A screenshot of a cell phone

Description generated with very high confidence

At the top of the page it is labeled “Created a poll for [class selected from home page]” to confirm the class you want the poll to run for. If the wrong class is selected, there is a dropdown labeled “Choose class: “ that has all the classes that have been created so the class selected can be switched. Below that is another drop down field that is labeled “# of options for this poll: “ which has options from two to twelve. Once the correct class is selected and the number of options is selected, there is a button at the bottom of the page labeled “Run Poll.”

A screenshot of a cell phone

Description generated with very high confidence

A screenshot of a cell phone

Description generated with very high confidenceThe “Run Poll” button will direct you to a page with the label at the top that says: “Polling in [class selected].” Below that is a label that has the phone number for the students to text. Below that is another label that says “Total Submissions: “ and next to it is a number field that updates with however many of students have texted in. Below that is a button labeled “Show/Hide Answers” that display of hide the answer options and the number of people that have texted in for each answer. At the bottom of the page is a button labeled “Close Poll.” Close poll then opens up a text field that is labeled “Correct answer: “ and you will be prompted to enter an answer for that poll.

A screenshot of a cell phone

Description generated with very high confidence

Below that is a button at the bottom of the page labeled “Show Responses” and if a valid answer for the correct answers field is inputted, then the answer options will be displayed with the correct answer is displayed in green. At the bottom of that page is a button labeled “Run New Poll” that will take you back to the main “Poll Page.” A screenshot of a cell phone

Description generated with very high confidence

**3.9 Report Page**

**A screenshot of a cell phone

Description generated with very high confidence**

The report page can be accessed from any of the pages, and like the poll page it creates an attendance report on the class that is selected from the Home page. If the class is wrong, there is a drop down labeled “Choose class: “ to change the class selected. To begin generating a report you must enter a start date. The is entered with three drop downs labeled “Start date: “ below the choose class drop down. This is entered the same as the drop down in the Add/Edit Class Pages. Below that is where you need to enter the end date in the drop down labeled “End date: “ which is entered the same way as the start date. After all the fields are filled out properly, there is a button labeled “Generate Report” and when clicked will display a table below the button. The table consist of students names; how many polls they have answered correctly between the start and end date; and how many polls have been run over that time period over how many that student has participated in on the far right.

**3.10 Logout Button**

The logout button does not do anything other than log you out of your account. It will direct you back to the Login page.

1. **Administration Page**

**4.1 Admin Home**

The admin page is only accessible to the designated admin and whoever the admin allows to also have access. To access the admin page you must go to the URL 35.196.145.201/admin. The page will look like this:

A screenshot of a social media post

Description generated with very high confidence

On the admin page is the variables from the polling site. The admin page has 6 fields. The only one that will be used is the User page. The Answer page displays all the answers from all the students from all the polls. The classrooms display all the classrooms from all the users, polls displays all the polls, and students displays all the students. These can be viewed and things can be added but it is not recommended because it can disrupt the datasets that are inputted on the website. The only one that is going to be used is the User page.

**4.2 Add User**

**A screenshot of a cell phone

Description generated with high confidence**

On the user page will be displayed (in the photo that is the user “keyla”) and the tempuser we added. To create a user click on the tempuser. From there you will see this page:

A screenshot of a computer

Description generated with very high confidence

From there you can copy the tempuser password and then go back to the User page. In the user page you will click the “Add User +” button and you will see the same page as the temp user above. There you can give the new user whatever name you desire and paste the temp password into the password field at the top. When you scroll down there are save options. Then the user, upon login, they can change their password.