

QRDANCE

V1.0.0.0

Online QR Code Attendance Tracking System

Project in Software Design 2020-2021

Documentation and Basic User's Guide



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Chapter 1 | OVERVIEW

Figure 1.1 - Current System



Professor



Passing Paper



Student



Log

Figure 1.1 Shows the number of ways of how the student's subject attendance & guard logging can be collected

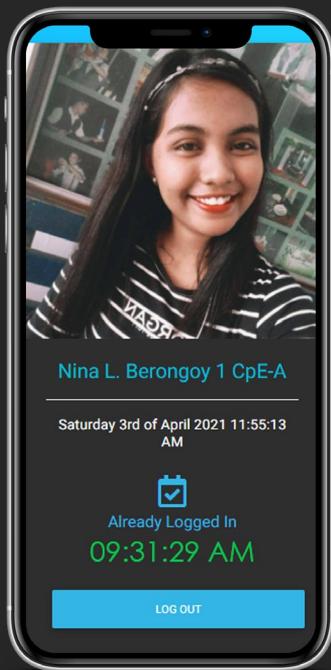
1. Professor checks the attendance in his/her list.
2. Student is assigned to check the attendance of the class.
3. Students write their names in the attendance sheet then hand/pass it to another person.
4. Students log themselves (time in, time out & purpose) in the guard checkpoint.

Figure 1.2 - Proposed System

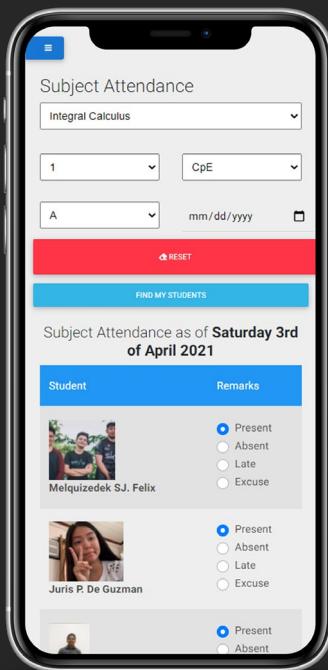
1



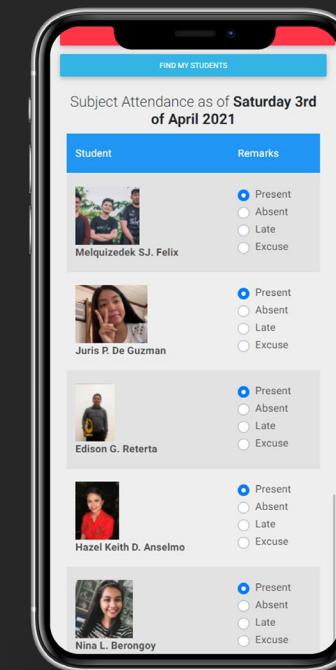
2



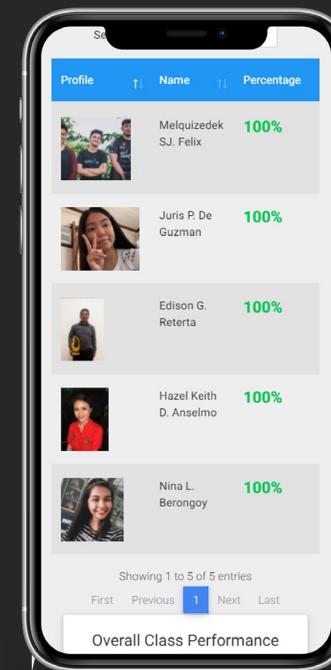
3



4



5



Scan

Verify &
Log

Class Detail

Attendance

Performance

Figure 1.2 Shows how the student's subject attendance and guard logging can be collected using the proposed system

1. Guard Scans for the QR Code of the student
2. The System Verify the QR Code and Display the student and Log if QR Code is Authentic and Generated by the System.
3. The Professors selects the class details of his/her class (ex. Integral Calculus 1 CpE-A) then the System gives the list of the required
4. The Professor set marks for each student then save
5. The system generates a computed grade percentage for each student and calculates the overall class performance in that specific subject.

Chapter 2 | REQUIREMENTS

1. Development
 - a. OS: Windows 7.3.27, Linux 7.3.27, OS X 7.3.27 (1.6GHz and faster)
 - b. RAM: 4GB (64-bit) and 2GB (32-bit)
 - c. HDD: 20GB of available disk space
 - d. Display: 1280 x 768 screen resolution and up (Tablet/Desktop View) 320px and up (Mobile View)
 - e. Graphics: No graphic requirements
 - f. Browsers: Any updated browsers that enables JavaScript support ([Chrome-recommended](#))
 - g. Server: XAMMP 5.5.30 and up ([latest recommended](#)), LAMP, SQL Server
 - h. Internet Connection: 50kbps and Up
 - i. Code Editor: Visual Studio Code ([recommended](#)) Atom, Sublime Text, Notepad ++, Brackets, Text mate, IDE, Php Storm and any code editors that reads Web scripts.
 - j. Debugging: ZendDebugger, XDebug and PHP Debug - VS Code Extension (by Felix Becker)
 - k. Scanner: QR Code Scanner (Hardware) or Android/Apple phone with any QR Code scanner app ([QR & Barcode Scanner - recommended](#)
 - i. <https://blog.beaconstac.com/2019/09/7-best-qr-code-scanner-apps-leading-the-pack-in-2019/>

2. Deployment

I. Server Owned

- i. Requirement varies on the number of clients and the type of Server
- ii. Manual Configuration may also vary on the type of server

m. Hosting Sites

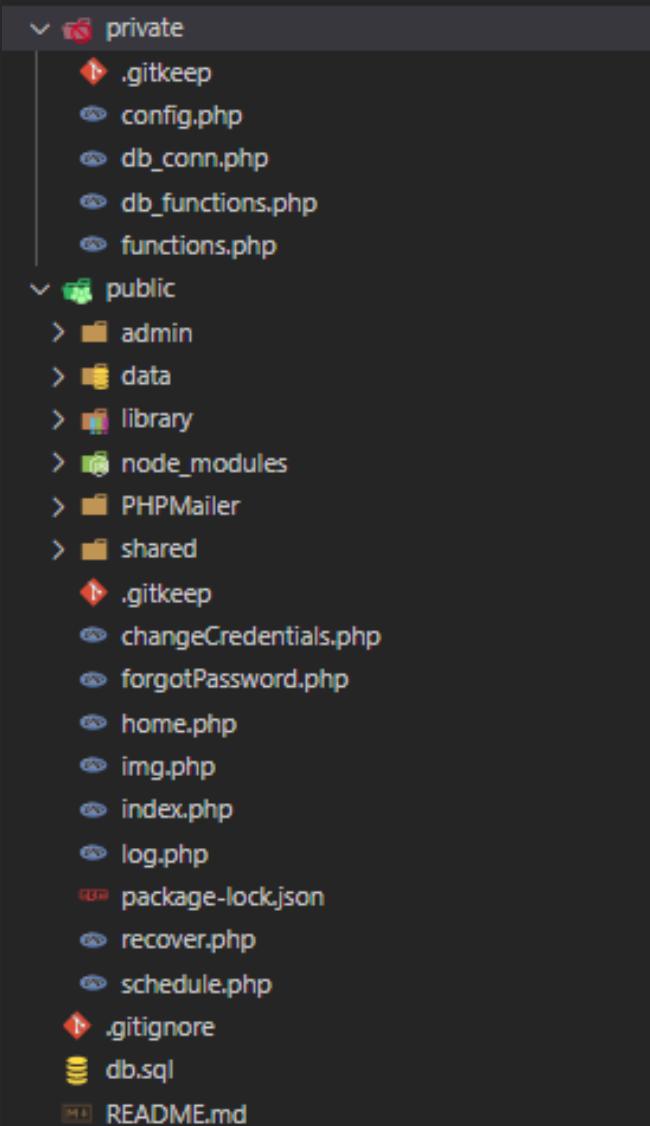
- i. Deployment List <https://dev.to/jorenrui/6-ways-to-deploy-your-personal-websites--php-mysql-web-apps-for-free-4m3a>
- ii. 000webhost (For Testing Purposes)
- iii. Heroku (**recommended**)
 - 1. <https://devcenter.heroku.com/articles/deploying-php>
 - 2. https://www.youtube.com/watch?v=EyEn5gREn_U&ab_channel=DoableDanny (video version)
 - 3. <https://www.doabledanny.com/Deploy-PHP-And-MySQL-to-Heroku> (readable version)
 - 4. https://www.youtube.com/watch?v=LXb6f8GJ0qs&ab_channel=Codemy.com
 - 5. https://www.youtube.com/watch?v=l4Ra-80O3R4&ab_channel=TrevoirWilliams
- iv. Amazon AWS (**recommended**)
 - 1. https://docs.aws.amazon.com/elasticbeanstalk/latest/dg/create_deploy_PHP_eb.html
 - 2. <https://docs.aws.amazon.com/elasticbeanstalk/latest/dg/php-ha-tutorial.html>.

Chapter 3 | INSTALLATION

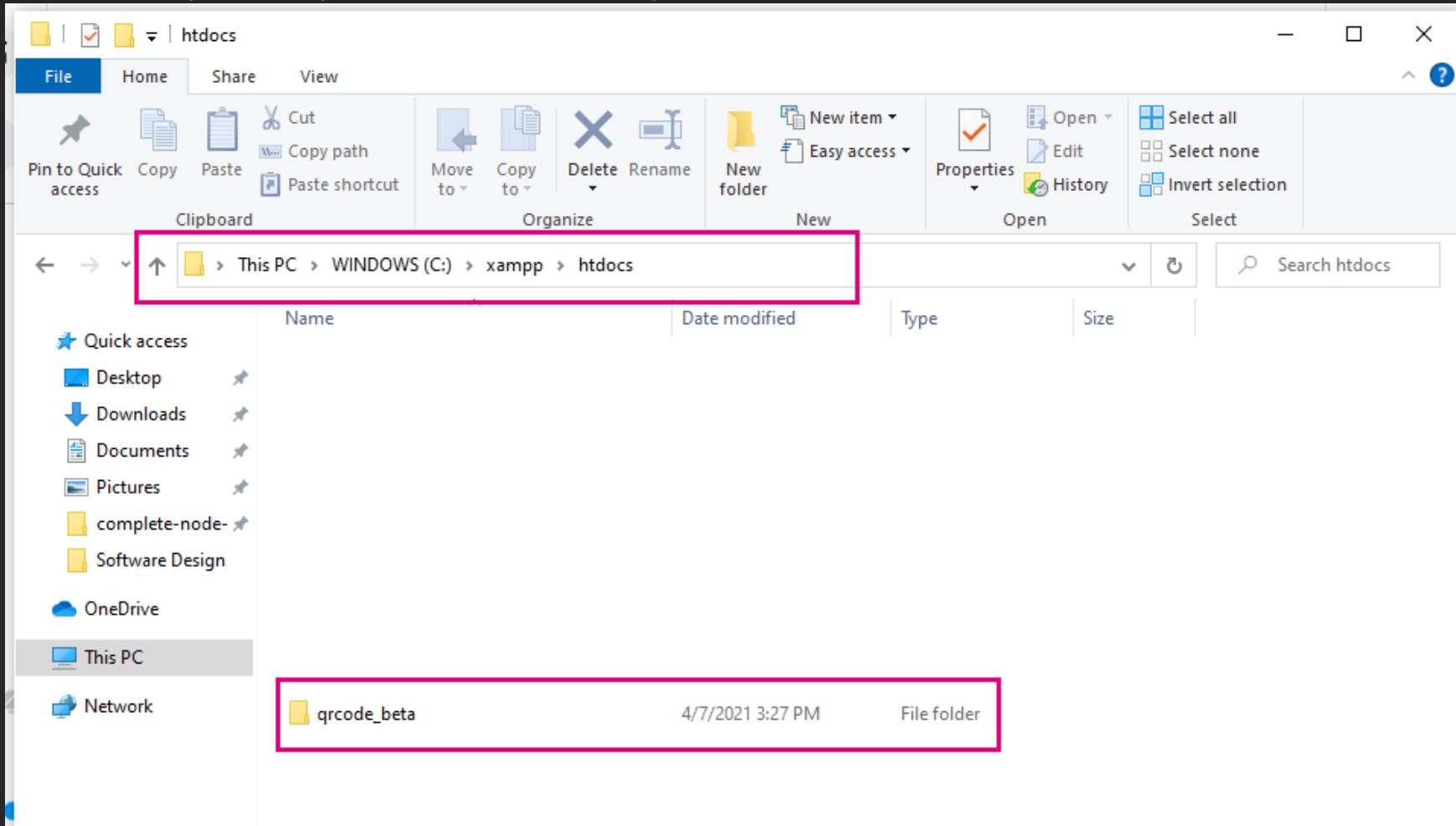
1. Running Locally
 1. Download the source code
 - a. <https://github.com/user109436/QRDANCE.git>
 - b. git clone <https://github.com/user109436/QRDANCE.git>
 2. Extract the files (if you download)

3. Folder Structure Overview (**private**-contains the files that are sensitive and not available to your clients

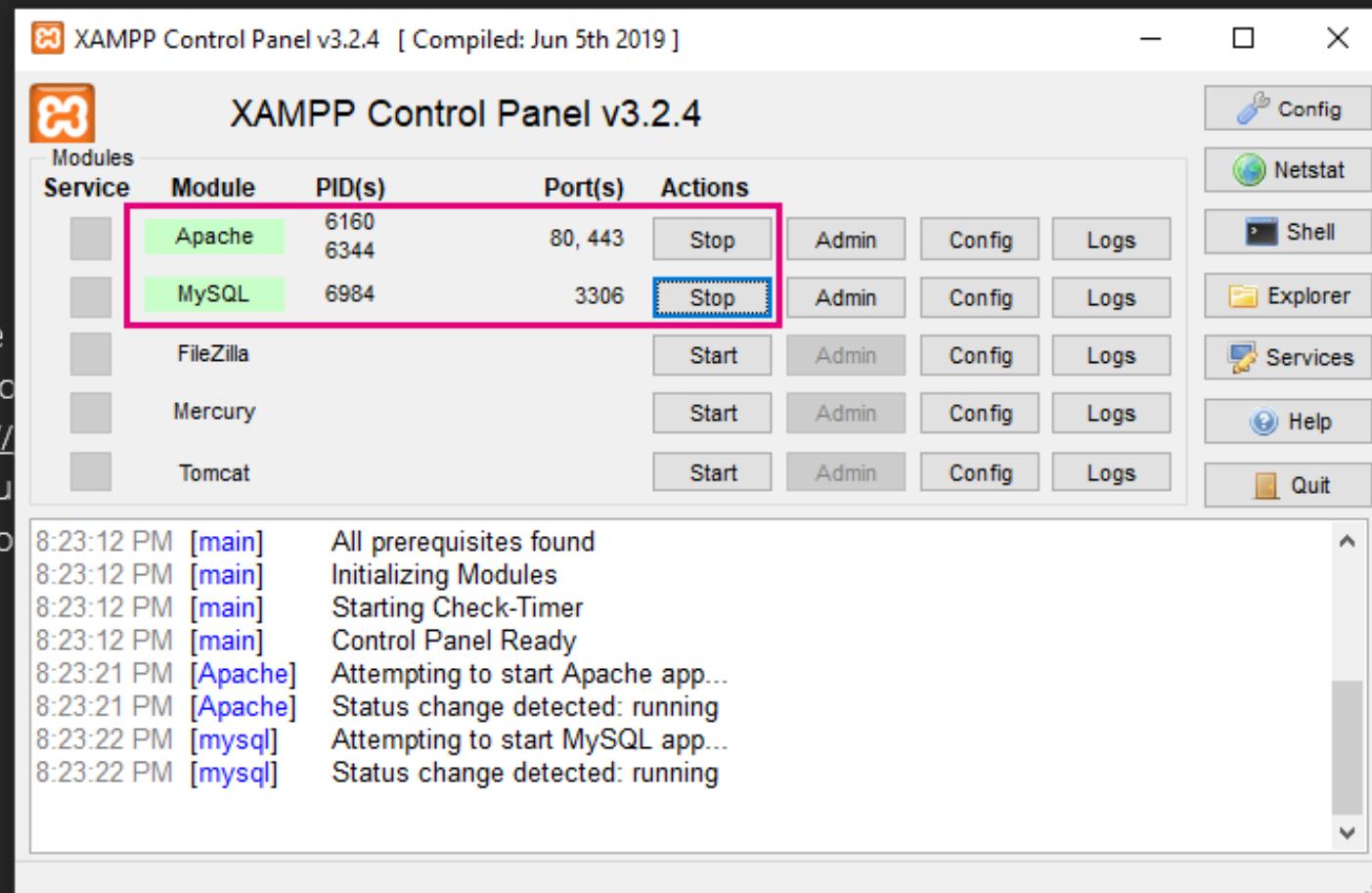
public-available/visible for your clients)



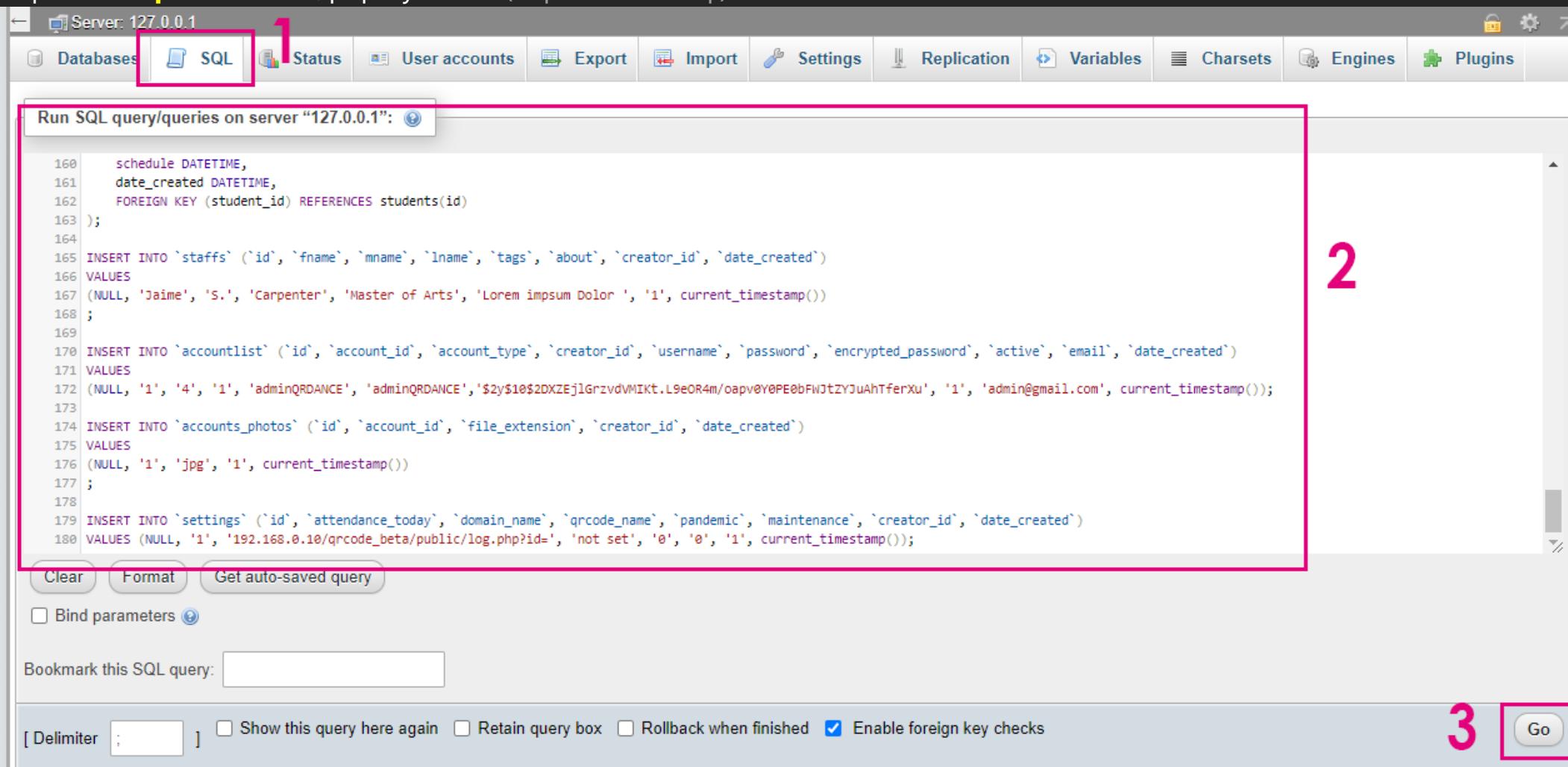
4. Move the project in to your installationDirectory:\xampp\htdocs (ex. C:\xampp\htdocs)



5. Run XAMPP



6. Import **db.sql** in localhost/phpMyAdmin (import or run sql)



Note: database name should be equal to **db_conn.php** configuration file located in **private**

7. Configure Connections to Database (if you have a set up user, password, database or want to connect to remote Database)

EXPLORER

... OPEN EDITORS

X db_conn.php private

QR_CODE-PRODUCTIONFILES

private .gitkeep config.php db_conn.php db_functions.php functions.php

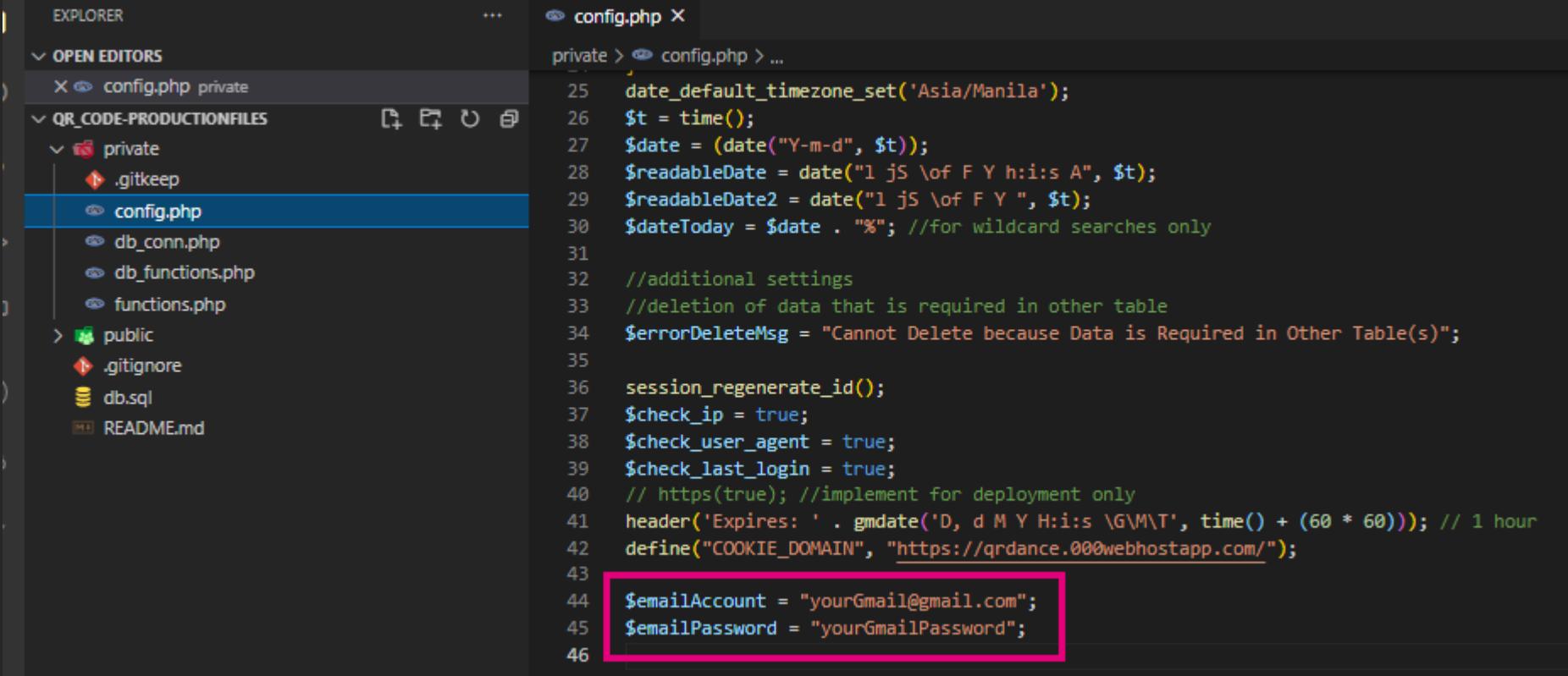
public .gitignore db.sql README.md

db_conn.php

You, 9 minutes ago | 1 author (You) QRDANCE v1.0.0.0

```
1 <?php //Database Connection
2 $servername = "localhost";
3 $username = "root";
4 $password = "";
5 $db = "qrcode";
6
7 // Create connection
8 $conn = new mysqli($servername, $username, $password, $db);
9
10 // Check connection
11 if ($conn->connect_error) {
12     die("Connection failed: " . $conn->connect_error);
13 }
14
15
```

8. Configure the system Gmail (the email will be used later to send the credentials to the users)



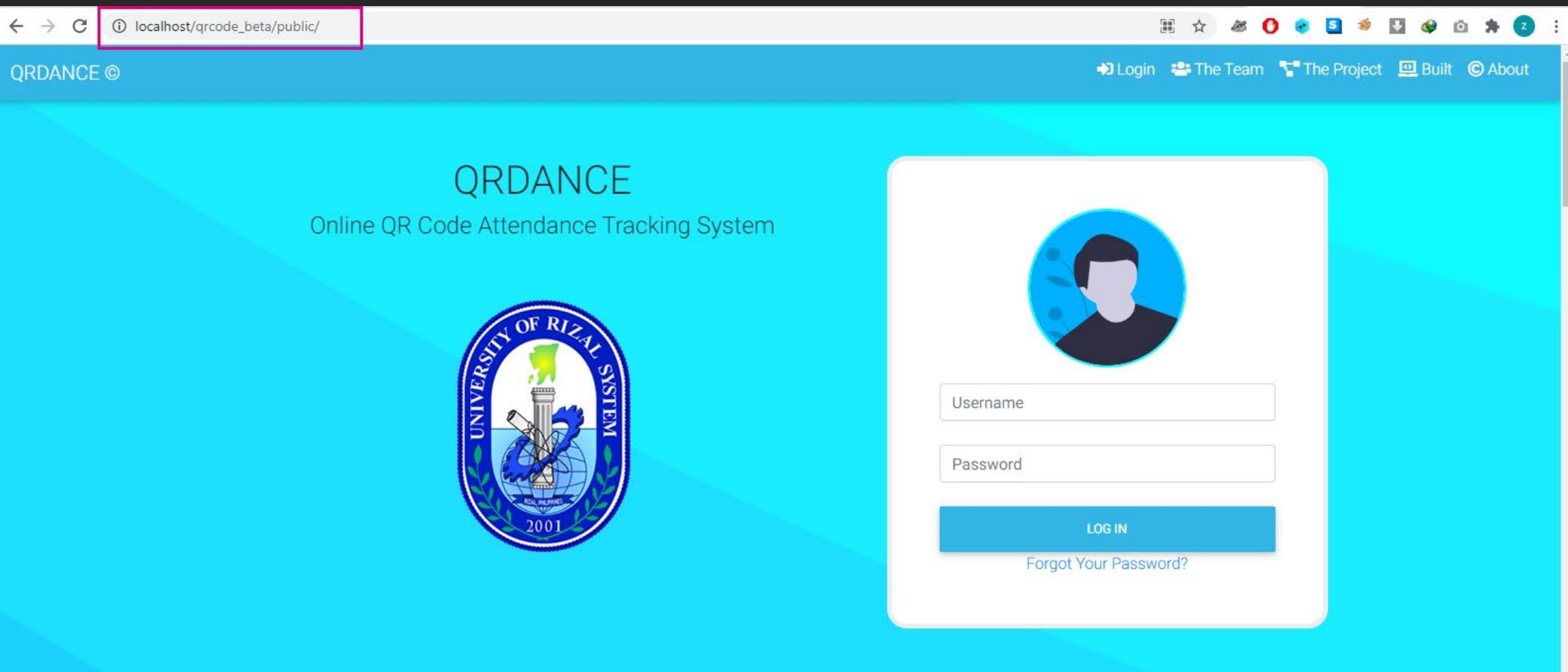
```
EXPLORER
...
OPEN EDITORS
config.php private
QR_CODE-PRODUCTIONFILES
  private
    .gitkeep
    config.php
    db_conn.php
    db_functions.php
    functions.php
  public
    .gitignore
    db.sql
  README.md

config.php X
private > config.php > ...
25 date_default_timezone_set('Asia/Manila');
26 $t = time();
27 $date = (date("Y-m-d", $t));
28 $readableDate = date("l jS \of F Y h:i:s A", $t);
29 $readableDate2 = date("l jS \of F Y ", $t);
30 $dateToday = $date . "%"; //for wildcard searches only
31
32 //additional settings
33 //deletion of data that is required in other table
34 $errorDeleteMsg = "Cannot Delete because Data is Required in Other Table(s)";
35
36 session_regenerate_id();
37 $check_ip = true;
38 $check_user_agent = true;
39 $check_last_login = true;
40 // https(true); //implement for deployment only
41 header('Expires: ' . gmdate('D, d M Y H:i:s \G\M\T', time() + (60 * 60))); // 1 hour
42 define("COOKIE_DOMAIN", "https://qrdance.000webhostapp.com/");
43
44 $emailAccount = "yourGmail@gmail.com";
45 $emailPassword = "yourGmailPassword";
46
```

Note: After adding the system's Gmail, you must ensure the following, (this will leverage the power of the system by sending the credentials of their QRDANCE account to your client's email, the developers use TLS to ensure the security of the account)

- 1.Allow Less secure Apps <https://myaccount.google.com/lesssecureapps>
- 2.Disable Captcha <https://accounts.google.com/DisplayUnlockCaptcha>
3. Disable 2 step verification <https://support.google.com/accounts/answer/1064203?co=GENIE.Platform%3DDesktop&hl=en>

9. Navigate to project folder (mine is localhost/qrcode_beta/public)



10. Your done ! 😊

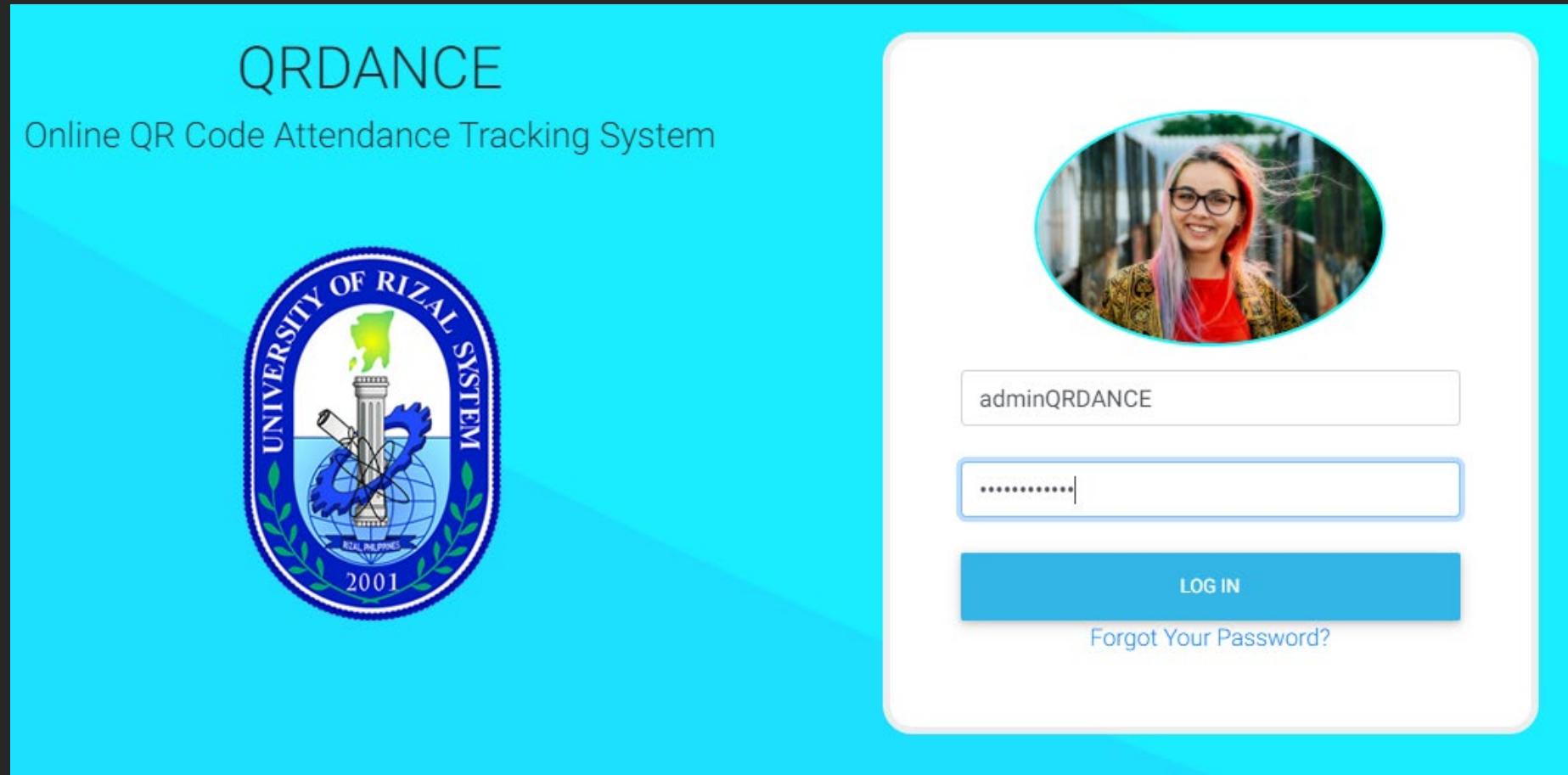
2. Running on the Worldwide Web (www)

you may refer to **page 8** Deployment _| b. Hosting Sites | then go back to **steps 7-8 pages 13-14** for additional configuration.

Chapter 4 | UP AND RUNNING QRDANCE

1. Log in to the System using the **default account credentials** (username and password **adminQRDANCE**)

Note Warning: **do not delete** the default account unless you've created an administrator account for you



2. Navigate to **Settings**

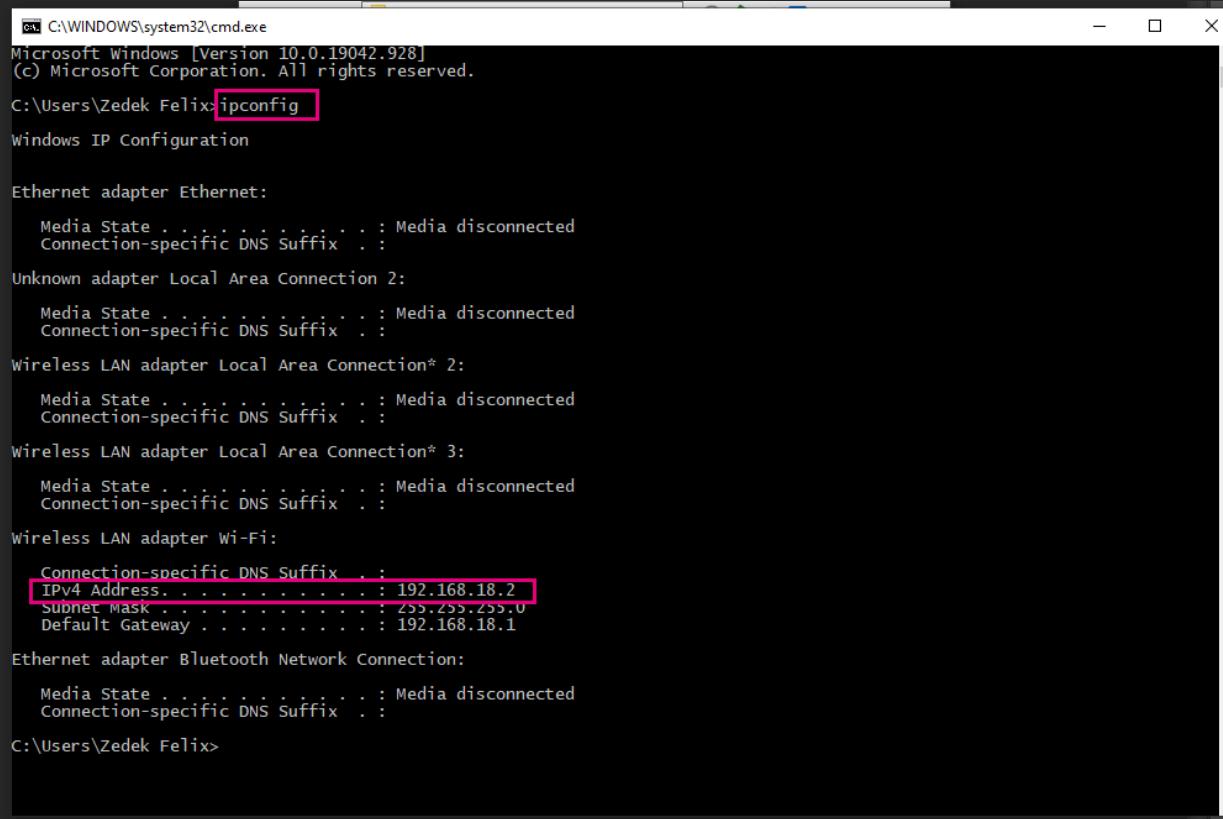
The image shows the QRDANCE application interface. On the left is a dark blue sidebar menu with white text and icons. A large pink number '1' is overlaid on the bottom-left corner of the sidebar. The sidebar includes sections for General (Dashboard, To Review, Accounts, Manage, Subject List, Attendance, List, My Account Settings), Extra (Documentation, Calendar, Backup & Restore), and a bottom row with a bell icon, a settings gear icon (which has a pink box around it), and a power button icon.

The main content area is titled 'Settings'. It features a large blue header bar with the text 'Domain Name' and the value '192.168.18.2/qrcode_beta/public/log.php?id='. A pink number '2' is overlaid on the left side of this bar. Below the bar is a blue 'SAVE' button. The main body of the settings page contains several toggle switches:

- Attendance Today
- Pandemic Mode **Alpha**
- Maintenance Mode **Upcoming**

At the bottom, it says 'Settings last update by: Jaime S. Carpenter' with a small profile icon. A pink number '3' is overlaid on the right side of the page, pointing towards a QR code labeled 'Company QR Code'.

1. Click **Settings** Icon
2. Set **domain name** or server name is flexible and powerful if the company has some changes to the server, they can manually set it if they change domain or move the system to another server.
3. By **default**, it would display nothing because you haven't set the domain name for the system
 - a. Set the system server locally (**optional**) XAMPP or any **Server** is required running (**refer to page 12**)
 - i. Windows **ipconfig**



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19042.928]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Zedek Felix>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . . . .

Unknown adapter Local Area Connection 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . . . .

Wireless LAN adapter Local Area Connection* 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . . . .

Wireless LAN adapter Local Area Connection* 3:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . . . .

Wireless LAN adapter Wi-Fi:

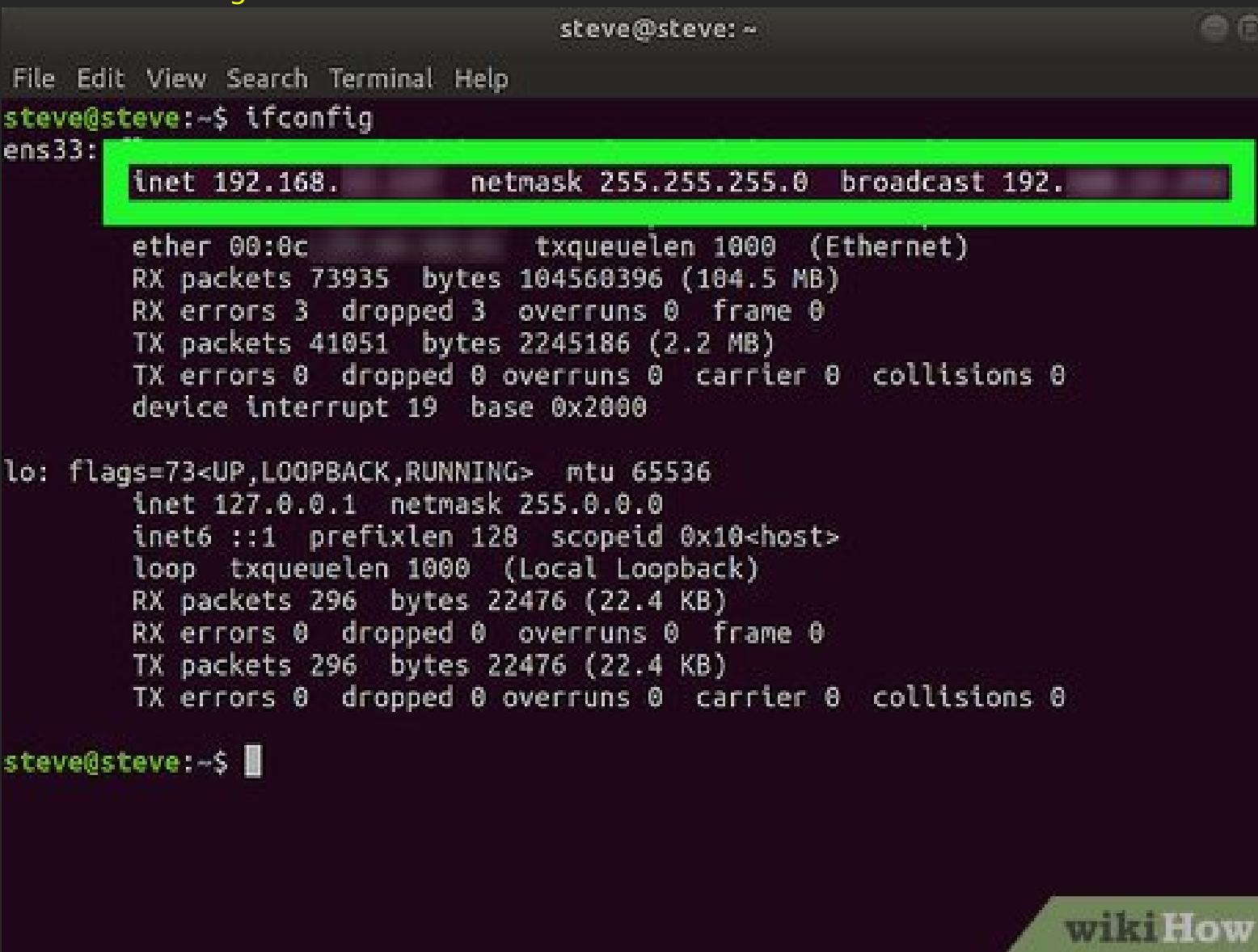
    Connection-specific DNS Suffix . . .
    IPv4 Address . . . . . : 192.168.18.2
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.18.1

Ethernet adapter Bluetooth Network Connection:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . . .

C:\Users\Zedek Felix>
```

ii. Linux ifconfig



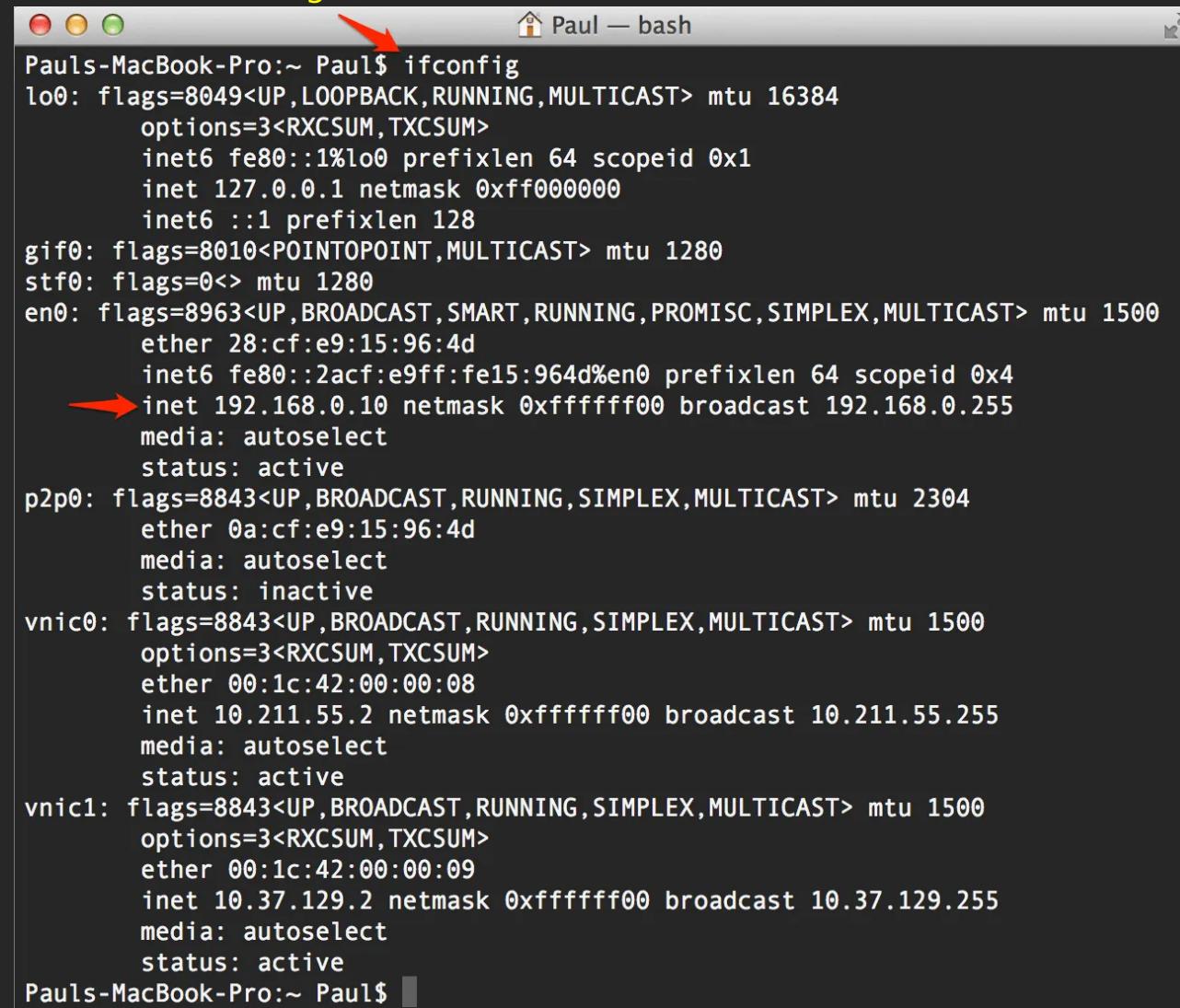
The screenshot shows a terminal window titled "steve@steve: ~". The menu bar includes "File", "Edit", "View", "Search", "Terminal", and "Help". The command "ifconfig" is run, and its output is displayed. The output shows two network interfaces: "ens33" and "lo". The "ens33" interface has an IP address of 192.168.1.11, a netmask of 255.255.255.0, and a broadcast address of 192.168.1.255. It also displays statistics for RX and TX packets, errors, and collisions. The "lo" interface is a loopback interface with an IP address of 127.0.0.1 and a netmask of 255.0.0.0. It also displays statistics for RX and TX packets, errors, and collisions. The terminal prompt "steve@steve: ~" is shown at the bottom.

```
steve@steve:~$ ifconfig
ens33: ens33
      inet 192.168.1.11 brd 192.168.1.255 netm 255.255.255.0
            ether 00:0c:29:14:dc:44 txqueuelen 1000 (Ethernet)
            RX packets 73935 bytes 104568396 (104.5 MB)
            RX errors 3 dropped 3 overruns 0 frame 0
            TX packets 41051 bytes 2245186 (2.2 MB)
            TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
            device interrupt 19 base 0x2000

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
      inet 127.0.0.1 brd 127.255.255.255 netm 255.0.0.0
            loop txqueuelen 1000 (Local Loopback)
            RX packets 296 bytes 22476 (22.4 KB)
            RX errors 0 dropped 0 overruns 0 frame 0
            TX packets 296 bytes 22476 (22.4 KB)
            TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

steve@steve:~$
```

iii. Mac OS X ifconfig



```
Pauls-MacBook-Pro:~ Paul$ ifconfig
lo0: flags=8049<UP,LOOPBACK,RUNNING,MULTICAST> mtu 16384
    options=3<RXCSUM,TXCSUM>
    inet6 fe80::1%lo0 prefixlen 64 scopeid 0x1
        inet 127.0.0.1 netmask 0xff000000
            inet6 ::1 prefixlen 128
gif0: flags=8010<POINTOPOINT,MULTICAST> mtu 1280
stf0: flags=0<> mtu 1280
en0: flags=8963<UP,BROADCAST,SMART,RUNNING,PROMISC,SIMPLEX,MULTICAST> mtu 1500
    ether 28:cf:e9:15:96:4d
    inet6 fe80::2acf:e9ff:fe15:964d%en0 prefixlen 64 scopeid 0x4
        inet 192.168.0.10 netmask 0xffffffff broadcast 192.168.0.255
            media: autoselect
            status: active
p2p0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> mtu 2304
    ether 0a:cf:e9:15:96:4d
    media: autoselect
    status: inactive
vnic0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> mtu 1500
    options=3<RXCSUM,TXCSUM>
    ether 00:1c:42:00:00:08
    inet 10.211.55.2 netmask 0xffffffff broadcast 10.211.55.255
        media: autoselect
        status: active
vnic1: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> mtu 1500
    options=3<RXCSUM,TXCSUM>
    ether 00:1c:42:00:00:09
    inet 10.37.129.2 netmask 0xffffffff broadcast 10.37.129.255
        media: autoselect
        status: active
Pauls-MacBook-Pro:~ Paul$
```

- b. By setting your domain name according to your **server's name/address** it would generate the QR Code containing the domain name.

The screenshot shows the QRDANCE application's settings interface. On the left is a dark sidebar with user info (Jaime S. Carpenter, Administrator) and navigation links: General (Dashboard, Accounts, Manage, Subject List, Attendance, List, My Account Settings), Extra (Documentation, Calendar, Backup & Restore). The main area is titled 'Settings' and contains three numbered steps:

- 1** **Domain Name**: 192.168.18.2/qrcode_beta/public
- 2** A green success message: 4 Students QR Code Updated, Notifications Successfully Generated, Settings Successfully Updated.
- 3** A QR code labeled "Company QR Code".

At the bottom, there is a blue 'SAVE' button and a note: Settings last update by: Jaime S. Carpenter.

The administrator will be notified if it is **successful**. Reload is **required** to see the Company's QR Code

- c. If you have already data of the students and they have existing QR Code, the System would automatically generate a new one for them and will make an announcement of the changes only if the domain name is not the same.

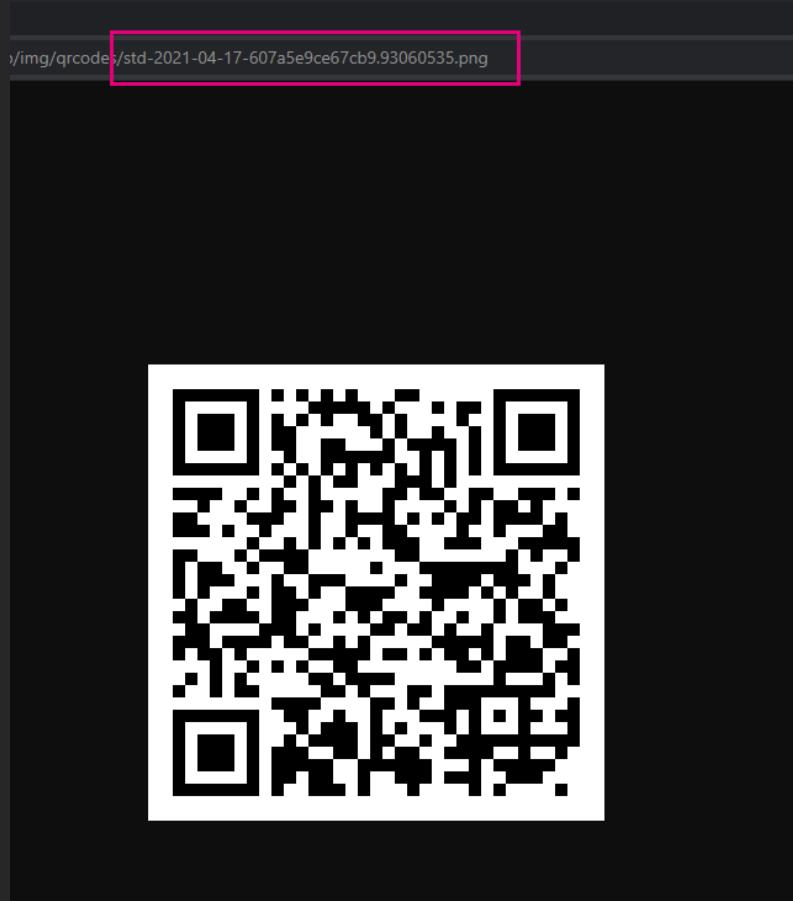
ANNOUNCEMENT	QR CODES
<p>To: All Subject: Students & Staffs</p> <p>QR Codes are Updated, Please use the updated ones</p> <p>From: Jaime S. Carpenter  Wednesday 14th of April 2021 04:14:06 PM</p>	<p>1</p>  <p>2</p>

1. **Announcement** containing the date of change, who made the changes and the message to the users ([home.php](#))

- Contains the new generated QR Code, you can validate that it is updated by checking the **date of the file** and when the **date of the posted announcement** matched.

Ex: Announcement date: **Wednesday 17th of April 2021**

QR Code filename: std-2021-04-17-607a5e9ce67cb9.93060535.png



If you want to make some changes about the message you may want to go to **Notifications** (refer to page 24)

- d. Attendance today (refer to pages 50-51)
- e. Pandemic Mode (refer to pages 58-59 [settings] and 72 [guard logs])
- f. Maintenance Mode (refer to pages 58-59)

3. Manage (year, sections, courses, subjects)

1. Navigate to **Manage** and add the following required data to each sub module in any order

Important Note: the system would not allow you to insert any data in different tables without data from this sub modules

Year

2.1

1

2.2 +

Manipulate	Year	Last Modified by	Last Modified Date
<input type="checkbox"/> <input type="button" value="Delete"/>	4	Jaime S. Carpenter	Saturday 17th of April 2021 11:54:27 AM
<input type="checkbox"/> <input type="button" value="Delete"/>	3	Jaime S. Carpenter	Saturday 17th of April 2021 11:54:27 AM
<input type="checkbox"/> <input type="button" value="Delete"/>	2	Jaime S. Carpenter	Saturday 17th of April 2021 11:54:27 AM
<input type="checkbox"/> 5 in Students Table	1	Jaime S. Carpenter	Saturday 17th of April 2021 11:54:27 AM

Showing 1 to 4 of 4 entries

First Previous 1 Next Last

1. Navigation of Data to be Manage this data is required to enable student creation ([viewStudents.php](#)) and subject attendance logging ([viewSubjectAttendance.php](#))
2. Add Button (both usable in any screen sizes)
 - a. 2.1 Add Button Used for Desktop ([used for fewer records](#))
 - b. 2.2 Add Button Optimized for All Screen Sizes ([used for records more than a 100](#))
3. Export Data (print, csv, excel, pdf, copy) and Customizable Column Visibility

Courses

QRDANCE © X

Jaime S. Carpenter
Administrator

General

- Dashboard
- Accounts
- Manage
- Subject List
- Attendance
- List
- My Account Settings

Extra

- Documentation
- Calendar Upcoming
- Backup & Restore Upcoming

Bell Gear Power

COURSE

Show 10 entries

PRINT CSV EXCEL PDF COPY COLUMN VISIBILITY

Search:

Manipulate	Course Acronym	Course	Last Modified by	Last Modified Date
Check Trash	CE	Civil Engineering	Lana P. Allison	Wednesday 7th of April 2021 05:52:46 PM
Check Trash	EE	Electrical Engineering	Jaime S. Carpenter	Wednesday 7th of April 2021 05:52:46 PM
Check 1 in Students Table	ECE	Electronics Engineering	Lana P. Allison	Wednesday 7th of April 2021 05:52:46 PM
Check 1 in Students Table	ME	Mechanical Engineering	Jaime S. Carpenter	Wednesday 7th of April 2021 05:52:46 PM
Check 3 in Students Table	CpE	Computer Engineering	Jaime S. Carpenter	Wednesday 7th of April 2021 05:52:46 PM

Showing 1 to 5 of 5 entries

First Previous 1 Next Last

Green Plus

Sections

QRDANCE © X

Jaime S. Carpenter
Administrator

General

- Dashboard
- Accounts
- Manage
- Subject List
- Attendance
- List
- My Account Settings

Extra

- Documentation
- Calendar Upcoming
- Backup & Restore Upcoming

+ ≡ Power

SECTION

Show 10 entries

PRINT CSV EXCEL PDF COPY COLUMN VISIBILITY

Search:

Manipulate	Section	Last Modified by	Last Modified Date
edit trash	C	Lana P. Allison	Wednesday 7th of April 2021 05:52:46 PM
edit trash	D	Lana P. Allison	Wednesday 7th of April 2021 05:52:46 PM
edit trash	B	Jaime S. Carpenter	Wednesday 7th of April 2021 05:52:46 PM
edit trash	A	Lana P. Allison	Wednesday 7th of April 2021 05:52:46 PM

Showing 1 to 4 of 4 entries

First Previous 1 Next Last

+

Subjects

QRDANCE © X

Jaime S. Carpenter
Administrator

General

- Dashboard
- Accounts >
- Manage >
- Subject List >
- Attendance >
- List >
- My Account Settings

Extra

- Documentation
- Calendar Upcoming
- Backup & Restore Upcoming

+

SUBJECT

Show 10 entries

PRINT CSV EXCEL PDF COPY COLUMN VISIBILITY

Search:

Manipulate	Subject	Description	Last Modified by	Last Modified Date
<input checked="" type="checkbox"/>	Physics 1	Physics is the science of matter and its motion—the science that deals with concepts such as force, energy, mass, and charge. As an experimental science, its goal is to understand the natural world.	Jaime S. Carpenter	Wednesday 7th of April 2021 05:52:48 PM
<input checked="" type="checkbox"/>	Integral Calculus	The basic idea of Integral calculus is finding the area under a curve. To find it exactly, we can divide the area into infinite rectangles of infinitely small width and sum their areas—calculus is great for working with infinite things!	Jaime S. Carpenter	Wednesday 7th of April 2021 05:52:48 PM

4. Navigate to **Accounts** (Create Student or Staff in any order by **default** system gives auto generated credentials upon creation of staffs and students)

1. Overview of Staffs (by **default** it has one administrator account for the setup)

The screenshot shows the 'STAFFS' section of the QRDANCE application. The left sidebar has a 'To Review' section with 'Accounts' selected, indicated by a pink box and the number 1. The main area shows a table with one entry for 'Jaime S. Carpenter'. The table columns are: Manipulate, Profile, Name, Account Type, Position, About, Last Modified by, and Last Modified Date. The entry details are: Jaime S. Carpenter (Administrator, Master of Arts), Lorem ipsum dolor, Jaime S. Carpenter, Wednesday 14th of April 2021 02:01:26 PM. The top navigation bar includes buttons for PRINT, CSV, EXCEL, PDF, COPY, and COLUMN VISIBILITY. The bottom navigation bar includes buttons for First, Previous, Next, and Last. A search bar is also present. A green plus sign icon is located in the bottom right corner of the main content area.

Manipulate	Profile	Name	Account Type	Position	About	Last Modified by	Last Modified Date
		Jaime S. Carpenter	Administrator	Master of Arts	Lorem ipsum dolor	Jaime S. Carpenter	Wednesday 14th of April 2021 02:01:26 PM

Showing 1 to 1 of 1 entries

1 2 3 4 5

1. Accounts Navigation
2. Specify the **number of entries** to be shown (**default**: 10 rows and max: 100 rows)
3. **Search Bar/ Filters** for searching specific data
4. **Pagination** moving to the next 10 pages (depends on the number of entries to be shown)
5. List View (**default** table view) and Grid View (Optimize for small screen sizes in Alpha Testing)

2. Add Staffs

The screenshot shows a modal window titled "Staffs". At the top, there is a green success message: "Aurelia M Villalobos successfully created". Below this, there are several input fields and dropdown menus:

- First Name: Aurelia
- Last Name: Villalobos
- Title: Master of Arts
- Years of Experience: 10 years of Expertise
- Role: Professor

A small thumbnail image of a woman (Aurelia) is displayed. At the bottom of the modal are two buttons: a green "CREATE" button and a red "RESET" button.

1. Staff Creation **success** message (by **default** the form doesn't close after adding staffs to enable multiple adding of staffs with few clicks however the system doesn't keep track of duplicate entries because there might be person with the same name and details but different profile picture this is also the same for **students** sub module in **viewStudents.php**)

3. Staffs Badge and Log Activity

The screenshot shows a staff management interface. On the left is a sidebar with a user profile for "Jaime S. Carpenter" and sections for General (Dashboard, Accounts, Manage, Subject List, Attendance, List), Extra (Documentation, Calendar, Backup & Restore), and a bottom row with a bell, gear, and power icon. The main area has a header "Manipulate" and "Profile". It displays a table with columns: Name, Account Type, Position, About, Last Modified by, and Last Modified Date. The table contains four rows, each with a staff profile picture, name, title, description, and last modified information. The first row (Jaime S. Carpenter) is highlighted with a pink border. Below the table are two large numbers, 1 and 2, each with a plus sign.

Name	Account Type	Position	About	Last Modified by	Last Modified Date
Jaime S. Carpenter	Administrator	Master of Arts	Lorem ipsum dolor	Jaime S. Carpenter	Wednesday 14th of April 2021 02:01:26 PM
Aurelia M Villalobos	Professor	Master of Arts	10 years of expertise	Jaime S. Carpenter	Wednesday 14th of April 2021 02:19:24 PM
BARBARA K. SANDERS	Professor	Master of Computer Science	Former Software Engineer at Facebook	Jaime S. Carpenter	Wednesday 14th of April 2021 02:23:40 PM
Justin K. Denvery	Guard	Former Navy SEALS	Retired NAVY SEAL Medic with 20 years of experience	Jaime S. Carpenter	Wednesday 14th of April 2021 02:24:48 PM

1 +
2 +

1. Account Types and their Corresponding Badge

- a.  (Violet) Administrator
- b.  (Green) Professor
- c.  (Blue) Guard

2. Contains the data of the Last person who modified the account and when the changes are made

4. Overview of Students (by default student doesn't have QR Codes)


QRDANCE ©

Jaime S. Carpenter
Administrator

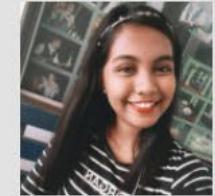
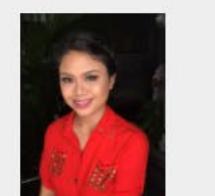
STUDENTS

Nina L. Berongoy successfully created

Show 10 entries

PRINT
CSV
EXCEL
PDF
COPY
COLUMN VISIBILITY

Search:

Manipulate	Profile	QR Code	Name	Year	Section	Course	Last Modified by	Last Modified Date
			Nina L. Berongoy	1	A	Computer Engineering	Jaime S. Carpenter	Wednesday 14th of April 2021 03:09:59 PM
			Hazel Keith D. Anselmo	1	A	Computer Engineering	Jaime S. Carpenter	Wednesday 14th of April 2021 03:09:42 PM
			Edison G. Reterta	1	A	Computer Engineering	Jaime S. Carpenter	Wednesday 14th of April 2021 03:09:20 PM

5. Account Creation (Credentials)

1. Navigate to Accounts > Credentials (viewAccounts.php)

Manipulate	Name	Account Type	Active	Username	Password	Email	Last Modified by	Last Modified Date
	Justin K. Denvery	Guard	true	staff-60768ab03dc5b	\$2y\$10\$zOUQXGnvycxqJbnR30T7M0v/3hbgtqd.xpcQBbsESggREKwj/zHJK		Jaime S. Carpenter	Wednesday 14th of April 2021 02:25:29 PM
	BARBARA K. SANDERS	Professor	true	staff-60768a6c663b7	\$2y\$10\$.bN8HyG5G4Eusq6kq6gYhus/ktyaoKYLm/AKILeBw3CgbjN.I2866		Jaime S. Carpenter	Wednesday 14th of April 2021 02:23:40 PM
	Aurelia M Villalobos	Professor	true	staff-6076896c67849	\$2y\$10\$fiqzZmi6E/lhUjBwnxqe9.wVI/pY9rLpKbRH0z2ZqV2iT2h2vAjdS		Jaime S. Carpenter	Wednesday 14th of April 2021 02:19:24 PM
	Jaime S. Carpenter	Administrator	true	adminQRDANCE	\$2y\$10\$2DXZEjlGrzvdVMIKt.L9eOR4m/oapv0Y0PE0bFWJtZYJuAhTferXu		Jaime S. Carpenter	Wednesday 14th of April 2021 02:01:27 PM

Showing 1 to 4 of 4 entries

First Previous **1** Next Last

- a. Contains the generated Username by the System
- b. Contains the **non-readable** generated password by the System it uses **Bcrypt Encryption** (the system displays the encrypted password rather than the actual password this ensures the **data security** of each staff and student because they might actually use the same password in their other existing accounts like Gmail Facebook Twitter and so on.)
- c. **Red Badge of Email** Signifies that the account is not yet complete
 - i. Staff - upon adding of email the account would be complete.
 - ii. Student – upon adding email the account would be complete and **generate QR Code** for that student
- d. Buttons
 - i. Edit Credentials – Edit username, password, Gmail and account status
 - ii. Send Credentials – Credentials will be emailed to the given Gmail

2. Customize Credentials

The screenshot shows a user interface for managing accounts. On the left, a sidebar menu includes General (Dashboard, Accounts, Manage, Subject List, Attendance, List, My Account Settings), Extra (Documentation, Calendar, Backup & Restore), and a bottom section with a bell icon, settings gear, and power button. The main area displays a table of accounts with columns: Manipulate, Name, Account Type, Active, and User ID. A modal window titled "Account" is open over the table. The modal contains fields for Username (staff-60768ab03dc5b), Password (redacted), Email (zedeckfelix7@gmail.com), and Active status (radio buttons for YES and NO). The "YES" radio button is selected. At the bottom of the modal are "UPDATE" and "RESET" buttons. The background table shows four entries:

Name	Type	Active	User ID	Email	Last Modified by	Last Modified Date
Justin K. Denvery	Guard	true	60768ab03dc5b	zedeckfelix7@gmail.com	Jaime S. Carpenter	Wednesday 14th of April 2021 02:25:29 PM
BARBARA K. SANDERS	Professor	true	60768ab03dc5b	zedeckfelix7@gmail.com	Jaime S. Carpenter	Wednesday 14th of April 2021 02:23:40 PM
Aurelia M Villalobos	Professor	true	60768ab03dc5b	zedeckfelix7@gmail.com	Jaime S. Carpenter	Wednesday 14th of April 2021 02:19:24 PM
Jaime S. Carpenter	Administrator	true	60768ab03dc5b	admin@gmail.com	Jaime S. Carpenter	Wednesday 14th of April 2021 02:01:27 PM

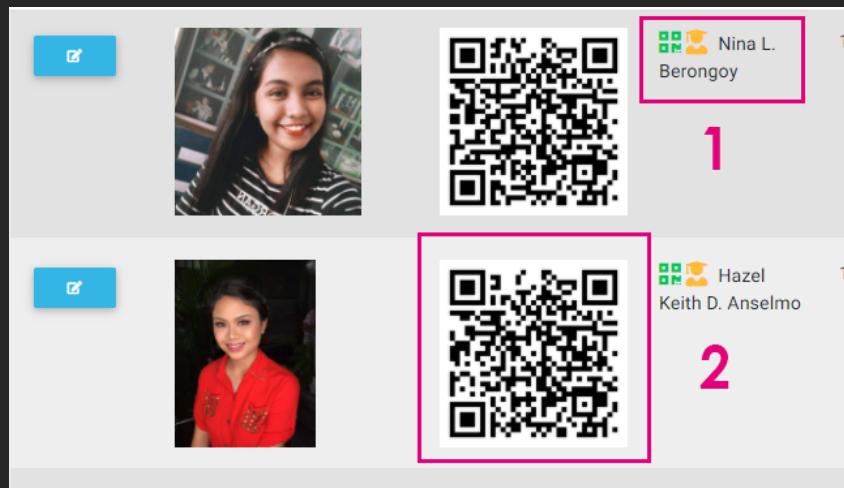
Annotations with pink numbers highlight specific elements: 1 points to the "Active" checkbox in the modal; 2 points to the "Email" field in the modal; 3 points to the "Name" column header in the table.

- a. Email is Set, the system requires a Gmail Account to finish the account creation of staffs and students
 - i. We can completely do the account setup in each creation of staffs and students only if the developers make a field for the email upon creating a staff and student, however the developers don't go with that idea, they isolate the account details and credentials, with this idea the administrator doesn't have to go in the account details and worry that they might make some unknown or unnoticeable changes to the other fields of the staffs and students. They just have to go in one place where they can edit all the credentials of staffs and students at ease.

Important Note: Upon saving the changes in the account credentials, we recommend to notify or resend the updated credentials to their emails.

Important Note: Upon saving the changes to the student's credentials QR Code will be generated

- 1. QR Code Badge Appears
- 2. Generated QR Code is Shown



b. Account Status

- i. Yes- Active user is visible (able to delete if student doesn't yet have any records in other tables)
- ii. No- Archived user is:
 - a. not visible in enrolled subjects and students (likewise to staffs)
 - b. not deletable
 - c. not editable

Note: Account Status is useful for keeping the records of the students and staffs safe and, setting the active status to No means keeping all the records of that specific student or professor.

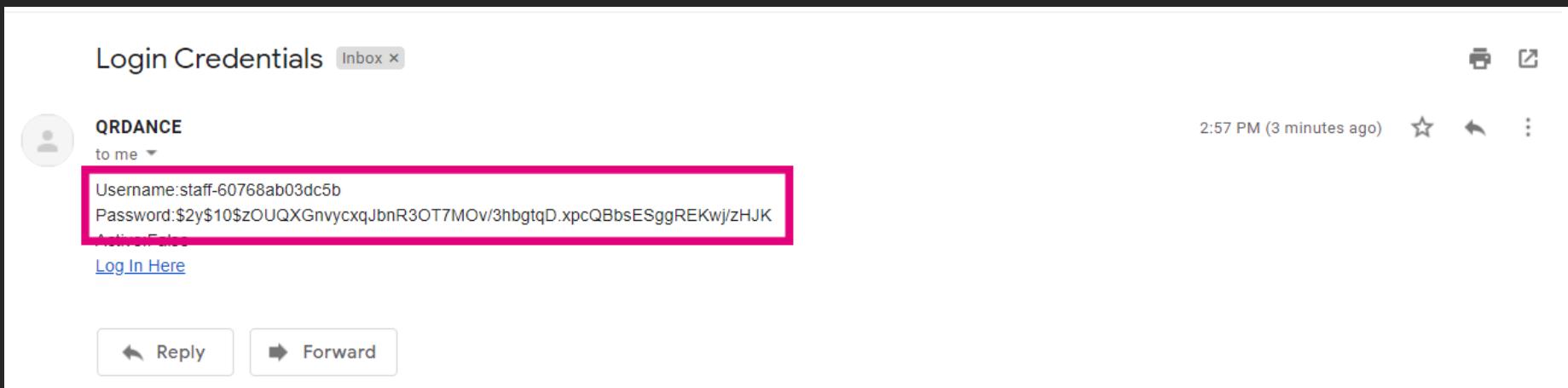
c. Badge Colors

- i. Colored - Active
- ii. Black - Archived

3. Send Credentials (use the send button)

The screenshot shows a user interface for managing accounts. At the top, a green header bar displays the message "Account Credentials Sent to zedekfelix7@gmail.com". Below this, there is a search bar with the placeholder "Search:" and a dropdown menu showing "Show 10 entries". A row of buttons for "PRINT", "CSV", "EXCEL", "PDF", "COPY", and "COLUMN VISIBILITY" is visible. The main content area features a table with the following columns: "Manipulate", "Name", "Account Type", "Active", "Username", "Password", "Email", and "Last Modified by". The table contains one row of data for an account named "Justin K. Denvery", which is a "Guard" type account. The account is active, with the username "staff-60768ab03dc5b" and a complex password starting with "\$2y\$10\$MhxZ1n083Oytetmkd7PdceiRI6d3/6T4wnLGAA0gtKPHYLvphGCHC". The email is "zedekfelix7@gmail.com" and the last modified by "Jaime S Carpenter". There are edit and delete icons next to the account name.

Manipulate	Name	Account Type	Active	Username	Password	Email	Last Modified by
	Justin K. Denvery	Guard	true	staff- 60768ab03dc5b	\$2y\$10\$MhxZ1n083Oytetmkd7PdceiRI6d3/6T4wnLGAA0gtKPHYLvphGCHC	zedekfelix7@gmail.com	Jaime S Carpenter



Note: if you receive an error instead of **success** message (you may refer to page 15 to repeat that process)

5. Professors Subject list and Student Enrolled Subjects (you can enroll student or assign professor first in any order)

1. Navigate to **Subject List>Enrolled**

QRDANCE ©

Jaime S. Carpenter
Administrator

General

- Dashboard
- Accounts
- Manage
- Subject List**
 - Professors Subjects
 - Students Enrolled Subjects **1**
- Attendance
- List
- My Account Settings

Extra

- Documentation
- Calendar **Upcoming**
- Backup & Restore **Upcoming**

Students Enrolled Subjects

Subjects

Search For Enrolled Students

PHYSICAL EDUCATION 3

Enrolled Students

- 1. Melquizedek S.J. Felix X
- 2. Juris P. De Guzman X
- 3. Edison G. Reterta X
- 4. Hazel Keith D. Anselmo X
- 5. Nina L. Berongoy X

DIFFERENTIAL EQUATIONS

Enrolled Students

- 1. Melquizedek S.J. Felix X
- 2. Juris P. De Guzman X
- 3. Edison G. Reterta X
- 4. Hazel Keith D. Anselmo X
- 5. Nina L. Berongoy X

Melquizedek S.J. Felix, Juris P. De Guzman, Edison G. Reterta, Hazel Keith D. Anselmo, Nina L. Berongoy Successfully assigned to Differential Equations

Students

Search For Students

PHYSICAL EDUCATION 3

- Melquizedek S.J. Felix**
1 CpE-A
- Juris P. De Guzman**
1 CpE-A
- Edison G. Reterta**
1 CpE-A
- Hazel Keith D. Anselmo**
1 CpE-A
- Nina L. Berongoy**
1 CpE-A

3

2

- Navigation Subject List
- Students – Shows active students
- Subjects- enroll subjects to each student (the system prevents the duplication of assigned subjects)

2. Navigate to Subject List > Professors List

QRDANCE ©

Jaime S. Carpenter
Administrator

General

- Dashboard
- Accounts
- Manage
- Subject List
- Attendance
- List
- My Account Settings

Extra

- Documentation
- Calendar Upcoming
- Backup & Restore Upcoming

Subjects

Search For Professors Subject List

PHYSICAL EDUCATION 3

Assigned Professors

- Jaime S. Carpenter X
- Aurelia M. Villalobos X
- BARBARA K. SANDERS X

DIFFERENTIAL EQUATIONS

Assigned Professors

- Jaime S. Carpenter X
- Aurelia M. Villalobos X
- BARBARA K. SANDERS X

Professors

Search For Professors

Jaime S. Carpenter
Master of Arts
Lorem ipsum Dolor

Aurelia M. Villalobos
Master of Arts
10 years of Expertise

BARBARA K. SANDERS
Master of Computer Science
Former Software Engineer at Facebook

1

2

- Staffs – Shows the active **administrator** and **professor** (guard can also have subjects only if he becomes professor or an administrator)
- Subjects- Assign subjects to each professor (the system prevents the duplication of assigned subjects)

6. Subject Attendance and Class Performance (Administrator and Professor role)

1. Navigate to **Attendance > Subject Attendance**

The screenshot shows the QRDANCE application interface. On the left is a dark blue sidebar with user information (Jaime S. Carpenter, Administrator) and a navigation menu. The menu items include General (Dashboard, Accounts, Manage, Subject List, Attendance), Extra (Documentation, Calendar, Backup & Restore), and system icons (bell, gear, power). The 'Attendance' item is highlighted with a pink border and has a pink number '1' next to it. The main content area is titled 'Subject Attendance' and shows a search bar for 'Differential Equations'. Below the search bar are dropdowns for '1' (row), 'CpE' (column), and 'A' (date). A red box labeled '2' highlights the search bar and dropdowns. Below these are 'RESET' and 'FIND MY STUDENTS' buttons. A message states 'Subject Attendance as of Wednesday 14th of April 2021'. A table lists students with their names, photos, and attendance status. The first student listed is Edison G. Reterta. The 'Remarks' column for each student contains four radio buttons for Present, Absent, Late, and Excuse. A pink box labeled '3' highlights the 'Remarks' column for the first student.

a. Navigation Attendance

b. Class Details (ex. Differential Equations 1 CpE-A)

- I. Display all the students that match the required class details
- II. Display specific remarks in time past – present – future only if date is set

c. Mark's student

i. Attendance Color Coding (a calendar badge would appear if student has existing record)

1. Green – Present
2. Red – Absent
3. Yellow – Late
4. Blue – Excuse

2. Navigate to Attendance > Subject Class Performance

The screenshot shows the 'Class Subject Performance' page. A red box labeled '1' highlights the search filters at the top: 'Physics 1', '1', 'CpE', and 'A'. A red box labeled '2' highlights the 'Percentage' column in the data table, which contains values like '83.33%' and '100%'. The table also includes columns for 'P', 'A', 'L', and 'E'.

Name	Percentage	P	A	L	E
Melquizedek SJ. Felix	83.33%	5	1	0	0
Juris P. De Guzman	83.33%	5	0	1	0
Edison G. Reterta	83.33%	5	1	0	0
Hazel Keith D. Anselmo	100%	6	0	0	0
Nina L. Berongoy	100%	6	0	0	0



a. Class Details (ex. Differential Equations 1 CpE-A from 1/1/2021 to 5/30/2021)

- I. Display all the students that match the required class details
- II. Display the calculated percentage of attendance within the specific time frame
- III. If timeframe is 2021-2023 it would display all records with the given class details

Ex. Differential Equations 1 CpE-A from 1/1/2021 to 12/1/2023

get all records including the former and current 1 CpE-A

Meaning to say even if the student is promoted to a higher year or shift to another course his/her attendance is still intact and traceable in time.

b. Class Overall Performance in a specific subject

- I. Professors and Administrator will gain an understanding about the most like and hated subjects of the class/students. This will enable professors and administrators to make quick actions about the report.

7. Guard Attendance

1. Navigate to Attendance > Guard Attendance

QRDANCE ©

Attendance Today
Real Time

Guard Attendance as of **Wednesday 14th of April 2021 04:24:26 PM**
Total of 5 Entries

Profile	Name	Year Course Section	Guard on Duty	Date Log
	Nina L. Berongoy	1 CpE-A	Jaime S. Carpenter	Wednesday 14th of April 2021 04:19:47 PM
	Melquizedek SJ. Felix	1 CpE-A	Jaime S. Carpenter	Wednesday 14th of April 2021 04:17:39 PM
	Juris P. De Guzman	1 CpE-A	Jaime S. Carpenter	Wednesday 14th of April 2021 04:17:39 PM
	Hazel Keith D. Anselmo	1 CpE-A	Jaime S. Carpenter	Wednesday 14th of April 2021 04:17:39 PM

General

- Dashboard
- Accounts
- Manage
- Subject List
- Attendance
- List
- My Account Settings

Extra

- Documentation
- Calendar Upcoming
- Backup & Restore Upcoming

a. **Attendance Today**

- i. On – displays all the students that goes in and out in school within that day
- ii. Off – displays all the records in gate attendance

b. **Realtime**

- i. On – Enables a real time view of time in and time out of students
- ii. Off – Stops the real time (useful for finding specific student)

c. **Badge Color Coding**

- i. Black – Time Out
- ii. Green – Time In

8. List (contains the Logs, available for Guards, Professors, and Administrators)

1. Navigate to List > Enrolled List & Professor Subject List

Students Enrolled Subjects

Student	Subject	Last Modified by	Last Modified Date
Edison G. Reterta	Physics 1	Jaime S. Carpenter	Saturday 17th of April 2021 12:21:07 PM
Edison G. Reterta	Differential Equations	Jaime S. Carpenter	Saturday 17th of April 2021 12:20:52 PM
Edison G. Reterta	Integral Calculus	Jaime S. Carpenter	Saturday 17th of April 2021 12:20:43 PM
Edison G. Reterta	Differential Calculus	Jaime S. Carpenter	Saturday 17th of April 2021 12:20:39 PM
Edison G. Reterta	Chemistry	Jaime S. Carpenter	Saturday 17th of April 2021 12:20:34 PM
Hazel Keith D. Anselmo	Physics 1	Jaime S. Carpenter	Saturday 17th of April 2021 12:21:07 PM
Hazel Keith D.	Differential	Jaime S.	Saturday 17th of April 2021

Professors Subject List

Professor	Subject	Last Modified by	Last Modified Date
Charles R. Smith	Differential Equations	Jaime S. Carpenter	Saturday 17th of April 2021 12:19:59 PM
Charles R. Smith	Integral Calculus	Jaime S. Carpenter	Saturday 17th of April 2021 12:19:48 PM
Charles R. Smith	Differential Calculus	Jaime S. Carpenter	Saturday 17th of April 2021 12:19:42 PM
Charles R. Smith	Chemistry	Jaime S. Carpenter	Saturday 17th of April 2021 12:19:36 PM
Deborah G. Walker G. Walker	Differential Equations	Jaime S. Carpenter	Saturday 17th of April 2021 12:19:59 PM
Deborah G. Walker G. Walker	Integral Calculus	Jaime S. Carpenter	Saturday 17th of April 2021 12:19:48 PM
Deborah G. Walker	Differential	Jaime S.	Saturday 17th of April

2. Navigate to List > Enrolled List & Professor Subject List

The screenshot displays the QRDANCE application interface. On the left, a vertical sidebar menu is visible under the heading "General". The menu items include: Dashboard, To Review, Accounts, Manage, Subject List, Attendance, List, and My Account Settings. Under the "Extra" section, Documentation, Calendar (with an "Upcoming" badge), and Backup & Restore (also with an "Upcoming" badge) are listed. At the bottom of the sidebar are three small icons: a bell, a gear, and a power button.

The main content area is divided into two sections: "Subject Attendance" on the left and "Gate Attendance" on the right. Both sections feature a table with the following columns: Subject, Student, Remarks, Mark by, and Date.

Subject Attendance:

Subject	Student	Remarks	Mark by	Date
Physics 1	Juris P. De Guzman	<input checked="" type="checkbox"/> Present	Jaime S. Carpenter	Saturday 17th of April 2021 02:44:08 PM
Physics 1	Melquizedek SJ. Felix	<input checked="" type="checkbox"/> Present	Jaime S. Carpenter	Saturday 17th of April 2021 02:44:02 PM
Physics 1	Nina L. Berongoy	<input checked="" type="checkbox"/> Present	Jaime S. Carpenter	Saturday 17th of April 2021 12:54:35 PM
Physics 1	Edison G. Reterta	<input checked="" type="checkbox"/> Present	Jaime S. Carpenter	Saturday 17th of April 2021 12:54:34 PM
Physics 1	Hazel Keith D. Anselmo	<input checked="" type="checkbox"/> Present	Jaime S. Carpenter	Saturday 17th of April 2021 12:54:34 PM
Physics 1	Juris P. De	<input checked="" type="checkbox"/> Present	Jaime S.	Friday 16th of

Gate Attendance:

Remarks	Student	Guard on Duty	Date
TIME OUT	Nina L. Berongoy	Jaime S. Carpenter	Monday 19th of April 2021 09:53:32 AM
TIME OUT	Nina L. Berongoy	Jaime S. Carpenter	Monday 19th of April 2021 09:35:50 AM
TIME OUT	Nina L. Berongoy	Jaime S. Carpenter	Monday 19th of April 2021 09:23:06 AM
TIME OUT	Nina L. Berongoy	Jaime S. Carpenter	Monday 19th of April 2021 09:17:32 AM
TIME OUT	Nina L. Berongoy	Jaime S. Carpenter	Monday 19th of April 2021 09:17:06 AM
TIME OUT	Nina L. Berongoy	Jaime S. Carpenter	Monday 19th of April 2021 09:16:49 AM
TIME OUT	Nina L. Berongoy	Jaime S. Carpenter	Monday 19th of April 2021 09:16:26 AM

9. To Review (Appointments, best used If pandemic mode is on refer to pages 58-59)

1. Navigate to To Review > Appointments

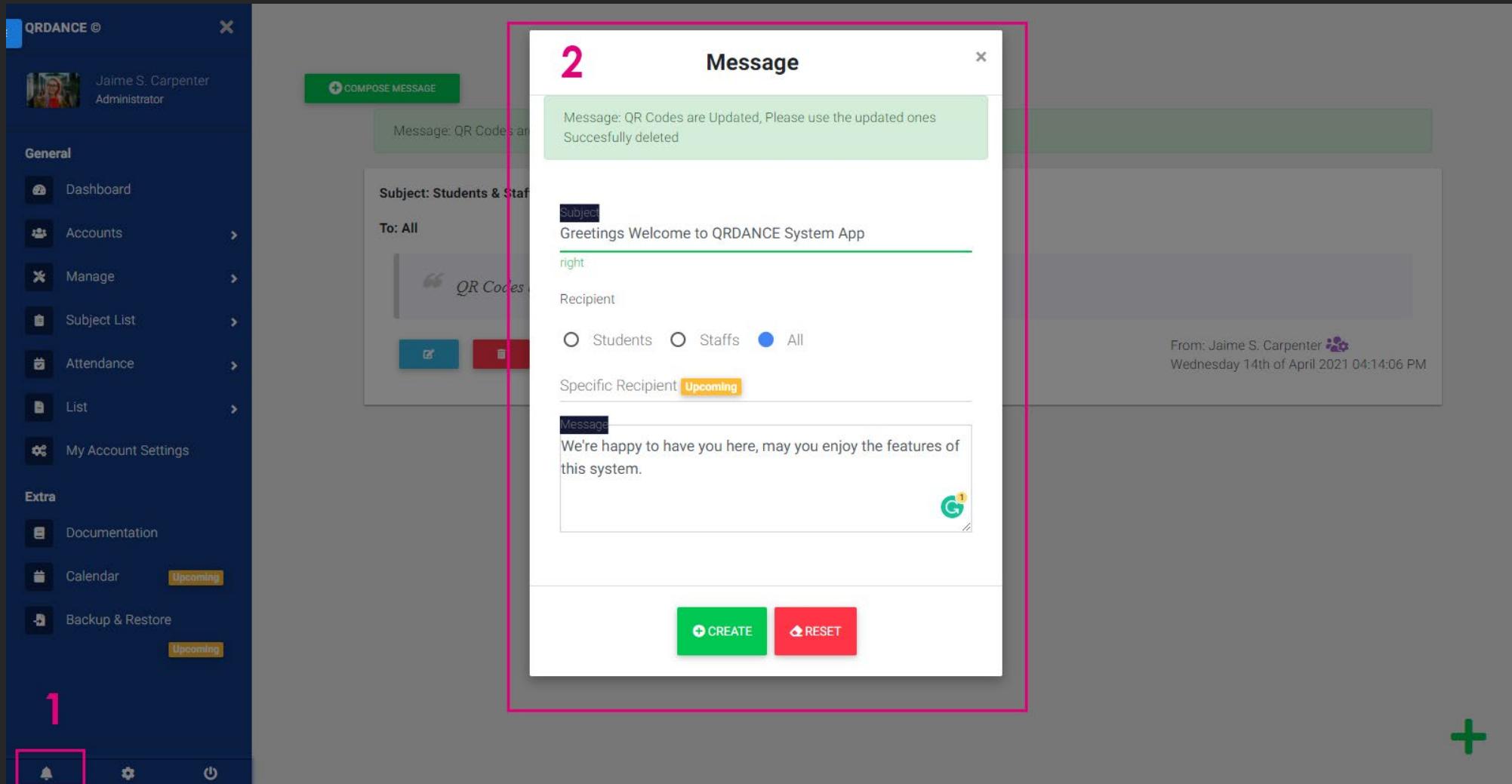
The image shows the QR DANCE application interface. A vertical pink box on the left side highlights the navigation menu under the 'General' section. The 'To Review' option is selected, and its sub-options are shown: 'Appointments' (highlighted with a yellow 'Upcoming' badge), 'Student Promotion' (with a yellow 'Upcoming' badge), and 'Course Syllabus' (with a yellow 'Upcoming' badge). A large pink box labeled '2' highlights the 'Appointments' table below. The table has columns: Manipulate, Student, Subject, Purpose, Schedule, Approved, Message, and Date Requested. A single row is visible: Hazel Keith D. Anselmo, Registrar - Subjects, Payment of Additional Subjects, 2021-04-20 08:57:00, Yes, Saturday 17th of April 2021 03:53:27 AM. A third pink box labeled '3' highlights the 'Review Appointment' dialog box on the right. This dialog box contains fields for Subject (Registrar - Subjects), Purpose (Payment of Additional Subjects), and Student (Hazel Keith D. Anselmo). It also includes a message area with 'Please Observe the health Protocols', an 'Approve' button, and radio buttons for 'YES' and 'NO'. Below the dialog is a table with the same columns as the main list, showing the same data.

Manipulate	Student	Subject	Purpose	Schedule	Approved	Message	Date Requested
<input checked="" type="checkbox"/>	Hazel Keith D. Anselmo	Registrar - Subjects	Payment of Additional Subjects	2021-04-20 08:57:00	<input checked="" type="checkbox"/> Yes	Saturday 17th of April 2021 03:53:27 AM	

- a. Navigation To Review
- b. List of Appointment to review
- c. Review Appointment
 - i. Message – give specific instructions (optional)
 - ii. Approval – Yes and No (this will reflect in the student's appointment)

10. Announcements

1. Click the Notifications icon (bell shape below)



a. Compose Message (Announcement)

- i. Subject - specifies what the message is about
- ii. Recipient - specify the audience (student, staff or both) specific recipient is an upcoming feature
- iii. Message - set the message to be viewed

Note: The one who creates the announcement can only make the changes (edit or delete)

11. Modes

1. Click **Settings** icon

The screenshot shows the QRDANCE application's settings page. On the left is a sidebar with a user profile for Jaime S. Carpenter (Administrator) and a navigation menu under 'General' and 'Extra'. The 'Extra' section includes 'Documentation', 'Calendar' (which is 'Upcoming'), and 'Backup & Restore' (also 'Upcoming'). At the bottom of the sidebar are three small icons: a bell, a gear, and a power button. The main content area is titled 'Settings' and features a QR code labeled 'Company QR Code'. Below the QR code are three toggle switches: 'Attendance Today' (on), 'Pandemic Mode' (on, highlighted with a pink border), and 'Maintenance Mode' (off). A domain name field shows '192.168.18.2/qrcode_beta/public/log.php?id=' followed by a long string of numbers. At the bottom is a blue 'SAVE' button. A note at the bottom states 'Settings last update by: Jaime S. Carpenter'.

a. Pandemic Mode (Alpha Testing)

- i. Check if a student has an approved schedule within that day (by default it logs the student upon scanning the QR Code)
 1. Approved – Guard **allow** student to enter the campus
 2. No Appointment – Guard **doesn't allow** student to enter campus
 - b. **Maintenance Mode** (Upcoming)
 - i. **Freeze** all the activities in the given date of maintenance
 - ii. Set Date, Time and make Announcement about the maintenance
12. View Student Records (admin panel)

1. Navigate to **Accounts>Students** click the name of the student (that you wish to view records)

The screenshot shows the QR DANCE application interface. On the left is a dark blue sidebar menu with the following items:

- General**:
 - Dashboard
 - Accounts
 - Manage
 - Subject List
 - Attendance
 - List
 - My Account Settings
- Extra**:
 - Documentation
 - Calendar Upcoming
 - Backup & Restore Upcoming

At the bottom of the sidebar are three small icons: a bell, a gear, and a power button.

The main content area displays the following information for **Nina L. Berongoy Records**:

- Enrolled Subjects**: 2
- Guard Attendance**: 1
- Subject Attendance**: 1
- QR Codes**: 1

On the right side of the main content area, there are four status indicators:

- Deletable: ☒
- Archivable: ☒
- Active: ☒
- Email: ninyaberongoy20@gmail.com

Below this, under **Subjects Taken**, are two subject cards:

- Differential Equations**:
 - P100% A0% L0% E0%
 - P1 A0 L0 E0
 - PERFORMANCE: EXCELLENT
- Physical Education 3**:
 - P0% A0% L0% E0%
 - P0 A0 L0 E0
 - PERFORMANCE: NOT GOOD :(

At the bottom of the main content area is a section titled **Subject OverAll Performance** with the following data:

Present 100 %	Absent 0 %	Late 0 %	Excuse 0 %
---------------	------------	----------	------------

The screenshot displays the ORDANCE application interface. On the left, a dark blue sidebar menu includes sections for General (Dashboard, Accounts, Manage, Subject List, Attendance, List, My Account Settings), Extra (Documentation, Calendar, Backup & Restore), and a bottom row with icons for Bell, Settings, and Power. The main content area shows two tabs: "PERFORMANCE: EXCELLENT" and "PERFORMANCE: NOT GOOD :(". Below these tabs is a section titled "Subject OverAll Performance" with metrics: Present 100%, Absent 0%, Late 0%, and Excuse 0%. A large "EXCELLENT" rating is displayed. The next section, "Subject Attendance", shows a table with one entry: Differential Equations, Present, Jaime S. Carpenter, Wednesday 14th of April 2021 03:37:33 PM. The "Gate Attendance" section shows a table with one entry: TIME OUT, Jaime S. Carpenter, Wednesday 14th of April 2021 04:19:47 PM. Both sections include standard export buttons (PRINT, CSV, EXCEL, PDF, COPY) and column visibility controls.

PERFORMANCE: EXCELLENT

PERFORMANCE: NOT GOOD :(

Subject OverAll Performance

Present 100 % Absent 0 % Late 0 % Excuse 0 %

EXCELLENT

Subject Attendance

Subject	Remarks	Mark by	Date
Differential Equations	<input checked="" type="checkbox"/> Present	Jaime S. Carpenter	Wednesday 14th of April 2021 03:37:33 PM

Showing 1 to 1 of 1 entries

First Previous 1 Next Last

Gate Attendance

Remarks	Guard on Duty	Date
TIME OUT	Jaime S. Carpenter	Wednesday 14th of April 2021 04:19:47 PM

Showing 1 to 1 of 1 entries

First Previous 1 Next Last

a. **Records** – keeps track of all the records that a student has in the Database

i. Color Coding

1. Green – no records and safe to delete (0 records in the database)
2. Red – has record and not safe to delete (contains 1 or more records in the database)

b. Deletable

i. Color Coding

1. Green – safe to delete (0 records in the database)
2. Red – not safe to delete (contains 1 or more records in the database)

c. Archivable and Active

i. Color Coding

1. Green/Colored – student is archivable/active
2. Black – student is already in archive

d. Email

i. Color Coding

1. Black – student doesn't yet have an account and email
2. Blue – student has an account and email

e. Subjects Taken

- i. Name of Subject (ex. Differential Equations)
- ii. Corresponding Percentage of Attendance (0%-100%)
- iii. Number of Attendance (Present Absent Late and Excuse)

f. **Subject Overall Performance**

- i. The sum of Corresponding Percentage of the Attendance in each subject (0%-100%)
- ii.

g. **Performance Rating**

- | | |
|--------------|-----------------------|
| a. 90 to 100 | Excellent |
| b. 85 to 89 | Very Satisfactory |
| c. 80 to 84 | Satisfactory |
| d. 75 to 79 | Fairly Satisfactory |
| e. 50 to 74 | You're falling Behind |
| f. 0 to 49 | Not Good |

h. **Subject Attendance** (Log- list of the students remarks)

g. **Guard Attendance** (Log- list of student time in and time out)

13. View Staffs Records

1. Navigate to **Accounts>Staffs** click the name of the staff (that you wish to view records)

The screenshot shows the QR DANCE application interface. On the left is a dark blue sidebar with the following navigation items:

- General**:
 - Dashboard
 - Accounts
 - Manage
 - Subject List
 - Attendance
 - List
 - My Account Settings
- Extra**:
 - Documentation
 - Calendar Upcoming
 - Backup & Restore Upcoming

At the bottom of the sidebar are three small icons: a bell, a gear, and a power button.

The main content area displays the "Jaime S. Carpenter Records" page. It includes a profile picture of Jaime S. Carpenter, her title "Administrator", and a summary of her associations:

- 4 in Staffs
- 6 in Professor Subject List
- 2 in Subjects
- 5 in Subject Attendance
- 10 in Enrolled Subjects
- 2 in Courses
- 4 in Year
- 4 in Sections
- 5 in Students
- 5 in Guard Attendance
- 4 in QR Codes
- 9 in Accountlist
- 9 in Accounts Photos
- 2 in Notifications
- 1 in Settings

On the right side of the page, there are four status indicators:

- Deletable: ☒
- Archivable: ☒
- Active: ☒
- Email: admin@gmail.com

Below this, under "Subjects Assigned", are two cards:

- Differential Equations**: 5 Record(s) Found
- Physical Education 3**: 0 Record(s) Found

QRDANCE ©

Jaime S. Carpenter
Administrator

General

- Dashboard
- Accounts
- Manage
- Subject List
- Attendance
- List
- My Account Settings

Extra

- Documentation
- Calendar Upcoming
- Backup & Restore Upcoming

5 Record(s) Found

0 Record(s) Found

Subject Attendance

Show 10 entries

PRINT CSV EXCEL PDF COPY COLUMN VISIBILITY

Search:

Subject	Remarks	Mark by	Date
Differential Equations	<input checked="" type="checkbox"/> Present	Jaime S. Carpenter	Wednesday 14th of April 2021 03:39:44 PM
Differential Equations	<input checked="" type="checkbox"/> Present	Jaime S. Carpenter	Wednesday 14th of April 2021 03:39:38 PM
Differential Equations	<input checked="" type="checkbox"/> Present	Jaime S. Carpenter	Wednesday 14th of April 2021 03:39:37 PM
Differential Equations	<input checked="" type="checkbox"/> Present	Jaime S. Carpenter	Wednesday 14th of April 2021 03:37:33 PM
Differential Equations	<input checked="" type="checkbox"/> Present	Jaime S. Carpenter	Wednesday 14th of April 2021 03:37:32 PM

Showing 1 to 5 of 5 entries

First Previous **1** Next Last

a. **Records** – keeps track of all the records that a staff has in the Database

i. Color Coding

1. Green – no records and safe to delete (0 records in the database)
2. Red – has record and not safe to delete (contains 1 or more records in the database)

b. **Deletable**

i. Color Coding

1. Green – safe to delete (0 records in the database)
2. Red – not safe to delete (contains 1 or more records in the database)

c. **Archivable and Active**

i. Color Coding

1. Green/Colored – staff is archivable/active
2. Black – staff is already in archive

d. **Email**

i. Color Coding

1. Black – student doesn't yet have an account and email
2. Blue – student has an account and email

14. Dashboard (Overview)

e. Subjects Assigned (Administrator and Professor)

i. Name of Subject (ex. Differential Equations)

ii. Records - Number of Attendance that a professor/administrator made (Present Absent Late and Excuse)

f. Subject Attendance ([Visible to Admin and Prof](#) Log- list of the remarks that an administrator/professor made)

g. Guard Attendance ([Visible to Guard](#) Log- list all the records that the guard made)

QRDANCE ©

Jaime S. Carpenter
Administrator

General

- Dashboard
- Accounts
- Manage
- Subject List
- Attendance
- List
- My Account Settings

Extra

- Documentation
- Calendar Upcoming
- Backup & Restore Upcoming

Announcement:

To: All
Subject: Students & Staffs

QR Codes are Updated, Please use the updated ones

From: Jaime S. Carpenter 
Wednesday 14th of April 2021 04:14:06 PM

Accounts

Active 9 | Archived 0 |  Administrator: 1 |  Professor: 2 |  Guard: 1 |  Student: 5

Table	Data
Year	4
Course	2
Section	4
Subject Attendance	5
Guard Attendance	5

QRDANCE © X

Jaime S. Carpenter
Administrator

General

- Dashboard
- Accounts >
- Manage >
- Subject List >
- Attendance >
- List >
- My Account Settings

Extra

- Documentation
- Calendar > Upcoming
- Backup & Restore > Upcoming

SEO **Upcoming**

Upcoming

Keywords	Visits
Attendance	15
Trancking	32
QR Code Attendance	41
QRDANCE	14

VIEW FULL REPORT

Upcoming

Browser	Visits
Google Chrome	307
Mozilla Firefox	504
Safari	613
Opera	208

VIEW FULL REPORT

Upcoming Mode:

Users 9

Page Views 20,987

Sessions 5,457

Staffs Activity

Upcoming

Name	Account	Activity	Date
------	---------	----------	------

Pages

Upcoming

Page	Public
------	--------

70

QRDANCE @



Jaime S. Carpenter
Administrator

- General**
 - Dashboard
 - Accounts
 - Manage
 - Subject List
 - Attendance
 - List
 - My Account Settings
- Extra**
 - Documentation
 - Calendar Upcoming
 - Backup & Restore Upcoming

×

QRDANCE

14

VIEW FULL REPORT

Opera

208

VIEW FULL REPORT

Upcoming

Mode: 

Users  9

Upcoming

Page Views  20,987

Upcoming

Sessions  5,457

Staffs Activity

Name	Account	Activity	Date
Jaime S. Carpenter	Administrator	Add new Student William Parker	March 24, 2021
Lana P. Alison	Professor	Marked Present Carla Go in Integral Calculus	March 20, 2021
Kevin Prowell	Guard	TIME IN Veronica Bong Hee	March 20, 2021
Kennedy Wallstreet	Professor	Mark Present Janah Oxford in Physical Education	March 05, 2021

VIEW FULL REPORT

Pages

Page	Public
public/home.php	<input checked="" type="checkbox"/>
admin/viewStaffs.php	<input type="checkbox"/>
admin/viewStudents.php	<input checked="" type="checkbox"/>
admin/viewCourses.php	<input checked="" type="checkbox"/>

VIEW FULL REPORT

1. Announcement – displays **updated** announcement from notifications
2. Accounts – The overall counts of users by category (Administrators, Professors, Guards, Student, Active, Archived)
3. Table – displays the total records of data in table
4. Upcoming Features
 - a. SEO – number searches on the web (search engine optimization)
 - b. Mode – displays the current mode (development, deployed, live, maintenance, pandemic)
 - c. Page Views – total number of views on the site
 - d. Sessions – displays the number of active sessions (the ones that are log in or using the system)
 - e. Staffs Activity – logs the activity of the staff in the system
 - f. Pages – decide what part of the page is visible and invisible to the public (client)

15. Guard Log

QRDANCE
Online QR Code Attendance Tracking System
Guard's Attendance Checking System



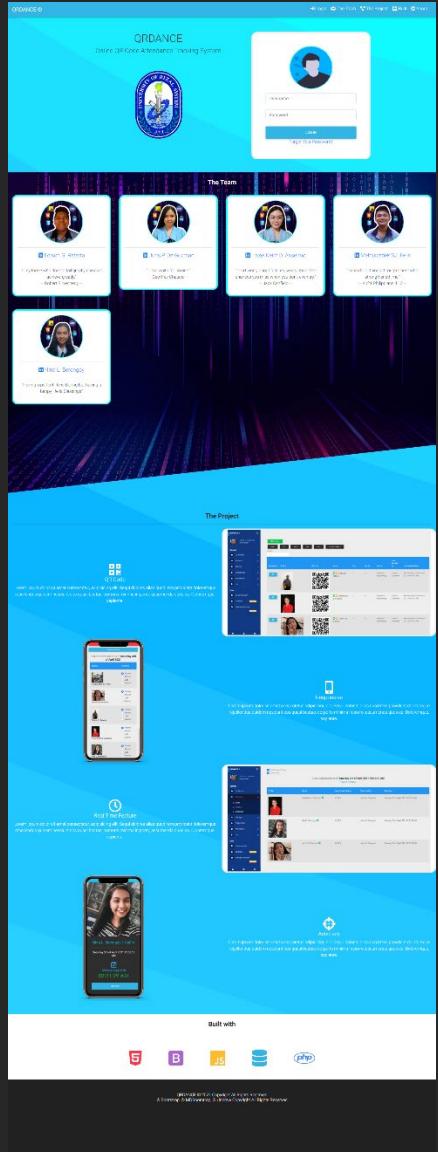
Hazel Keith D. Anselmo 1 CpE-A

Wednesday 21st of April 2021 08:49:55 PM

Successfully Logged In
Appointment: Registrar - Subjects
Schedule: 08:00:00 AM



16. Landing Page (Overview of the System)



17. Home (Student's Dashboard)

ANNOUNCEMENT

To: All
Subject: Greetings Welcome to QRDANCE System App

We're happy to have you here, may you enjoy the features of this system.

From: Jaime S. Carpenter 🇵🇭
Wednesday 14th of April 2021 04:36:03 PM

QR CODES

Student

Company

SUBJECTS TAKEN

Differential Equations	Physical Education 3
P 100% A 0% L 0% E 0%	P 0% A 0% L 0% E 0%
P 1 A 0 L 0 E 0	P 0 A 0 L 0 E 0
PERFORMANCE: EXCELLENT	
PERFORMANCE: NOT GOOD :(

Subject Overall Performance

Present 100% Absent 0% Late 0% Excuse 0%

PERFORMANCE: EXCELLENT

PRINT	CIV	EXCEL	PDF	COPY	COLUMN VISIBILITY
Search: _____					
Subject	Remarks	Mark By	Date		
Differential Equations	Present	Jaime S. Carpenter	Wednesday 14th of April 2021 03:37:33 PM		

Showing 0 to 0 of 0 entries

Previous Next

PRINT	CIV	EXCEL	PDF	COPY	COLUMN VISIBILITY
Search: _____					
Remarks	Guard On Duty	Date			
TIME OUT	Jaime S. Carpenter	Wednesday 14th of April 2021 04:19:47 PM			

Showing 0 to 0 of 0 entries

Previous Next

My Classmates

- III Nina L. Berongoy
- III Hazel Keith D. Anselmo
- III Edison G. Reterta
- III Juris P. De Guzman
- III Melquizedek SJ. Felix

75

1. Announcement – display updated announcement from notifications (Recipient: student or All)
2. QR Codes – display student and company's QR Codes
3. Subjects Taken

a. Subjects Taken

- i. Name of Subject (ex. Differential Equations)
- ii. Corresponding Percentage of Attendance (0%-100%)
- iii. Number of Attendance (Present Absent Late and Excuse)

b. Subject Overall Performance

- i. The sum of Corresponding Percentage of the Attendance in each subject (0%-100%)

c. Performance Rating

90 to 100 Excellent

85 to 89 Very Satisfactory

80 to 84 Satisfactory

75 to 79 Fairly Satisfactory

50 to 74 You're falling Behind

0 to 49 Not Good

- d. **Subject Attendance** (Log- list of the students remarks)
- e. **Guard Attendance** (Log- list of student time in and time out)
- f. **My Classmates** – displays a real-time view of student classmates
 - i. Black – Student not yet at campus
 - ii. Blue – Student is already at campus

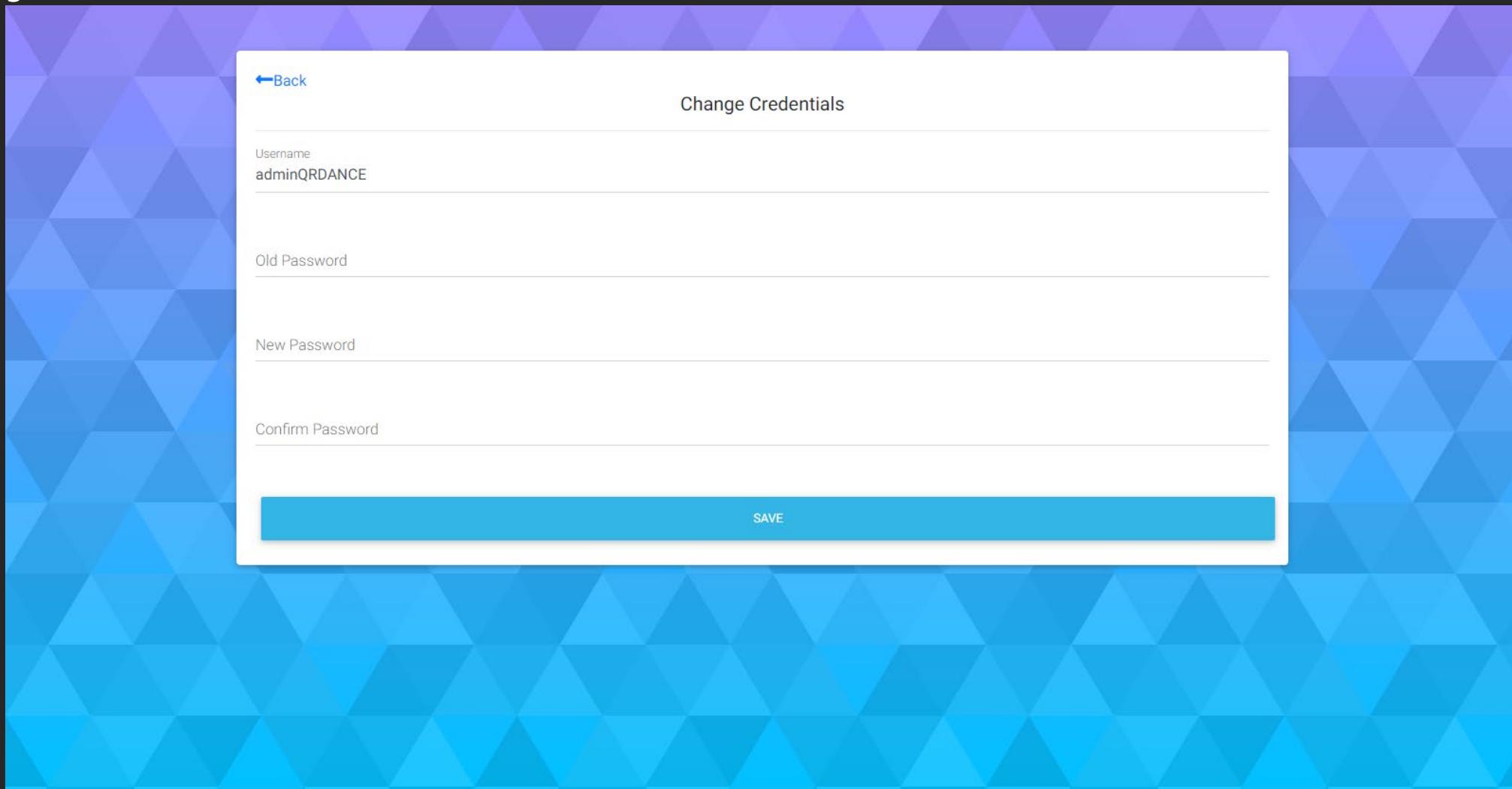
18. Appointment (student home.php)

The screenshot shows the QRDANCE student home page with the 'Appointment' section. The top navigation bar includes links for Appointment, My Classmates, Student, and Settings. The main content area has a blue header 'Add Appointment' with fields for Subject, Purpose, and Schedule (date mm/dd/yyyy). Below the form are three buttons: CREATE (green), UPDATE (purple), and RESET (red). A modal window at the bottom displays a table of appointment entries with columns: Manipulate, Subject, Purpose, Schedule, Approved, Message, and Date Requested. One entry is shown: Registrar, Subject Remove and AddnPayment of Remaining Balance, Purpose Payment of Remaining Balance, Schedule 2021-04-15 04:56:00, Approved Yes, Message Please Observe the health protocols, and Date Requested Thursday 15th of April 2021 07:08:34 AM.

Manipulate	Subject	Purpose	Schedule	Approved	Message	Date Requested
<button>✓</button> <button>✗</button>	Registrar	Subject Remove and AddnPayment of Remaining Balance	2021-04-15 04:56:00	✓ Yes	Please Observe the health protocols	Thursday 15th of April 2021 07:08:34 AM

- a. Subject – define your business (registrar, payment, request form etc.)
- b. Purpose – define additional details (1 CE-A add 3 subjects and)
- c. Schedule – date and time of your appointment
- d. Approval Status
 - i. To Review – **Default**
 - ii. Yes – Approved
 - iii. No – Not Approved
- e. Message – Administrator Message (**optional** observe health protocols)

19. Change Credentials



- a. **Change username** – old password, new password and confirm password **must be empty**
- b. **Change password** – old password, new password and confirm password **must not be empty**

20. Forgot Password



a. Valid Gmail from database – email the credentials

Chapter 5 | ARCHITECTURE

1. Main Features

- a. Realtime
- b. Accurate
- c. QR Codes
- d. Responsive

2. Built

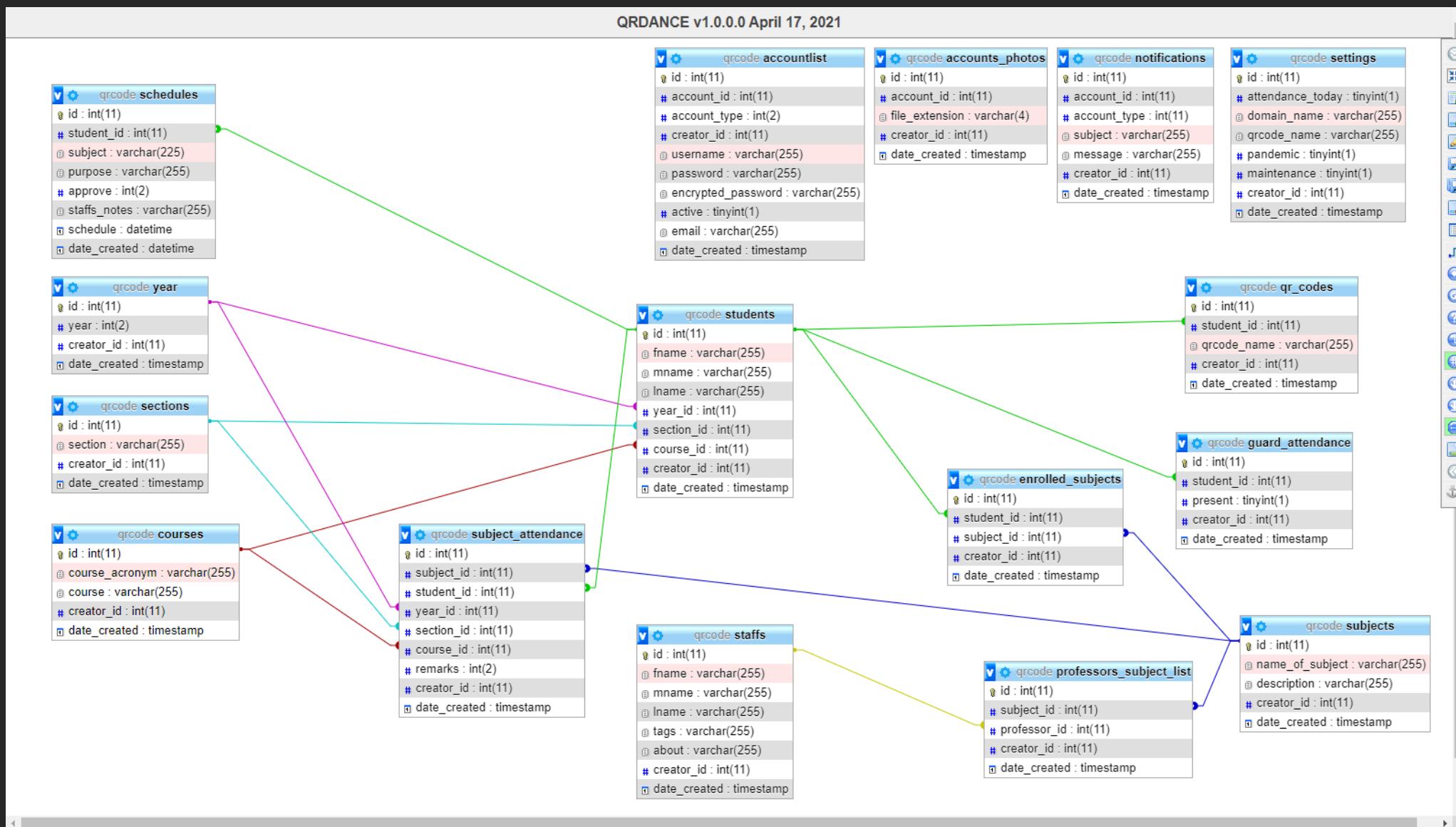
a. Foundation

- 1. HTML 5
- 2. CSS 3
- 3. Bootstrap 4 + Material Design(mdbootstrap)
- 4. JavaScript ES 6 (JS)
- 5. jQuery
- 6. PHP
- 7. MySQLi

b. Tools and Libraries

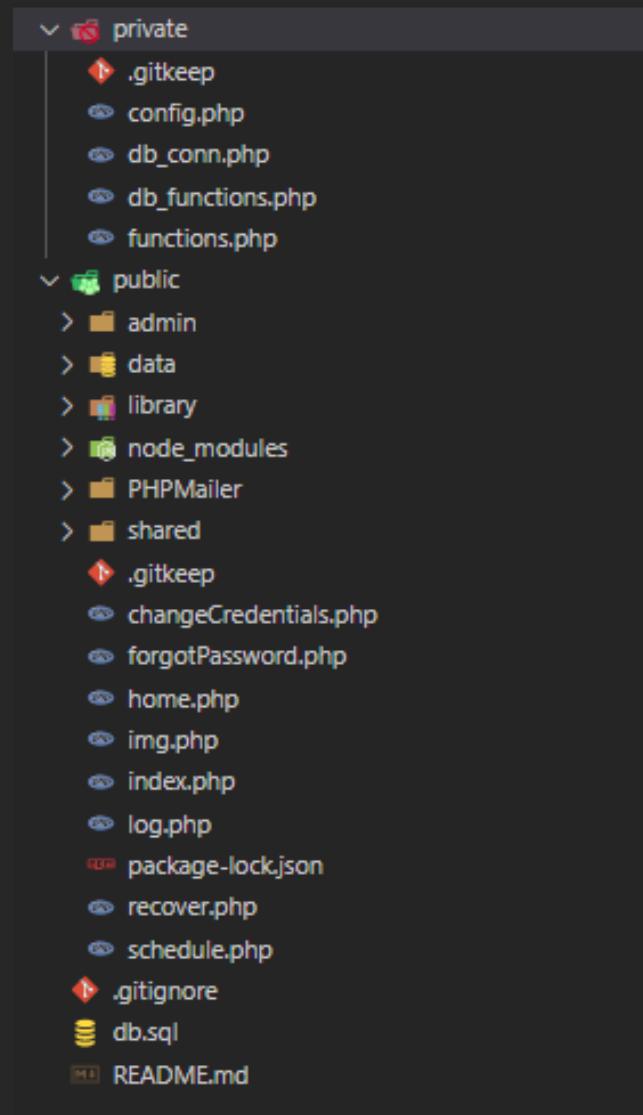
1. PHP Mailer <https://github.com/PHPMailer/PHPMailer.git>
2. Data Tables <https://datatables.net/>
3. Croppie <https://github.com/Foliotek/Croppie.git>
4. dropify <https://github.com/JeremyFagis/dropify.git>
5. phpqr code <https://github.com/t0k4rt/phpqr code.git>
6. github <https://github.com/>
7. NPM <https://www.npmjs.com/>
8. Node.js <https://nodejs.org/>
9. XAMPP <https://www.apachefriends.org/>

3. Database Schema

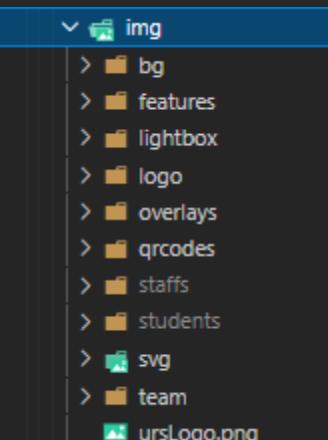
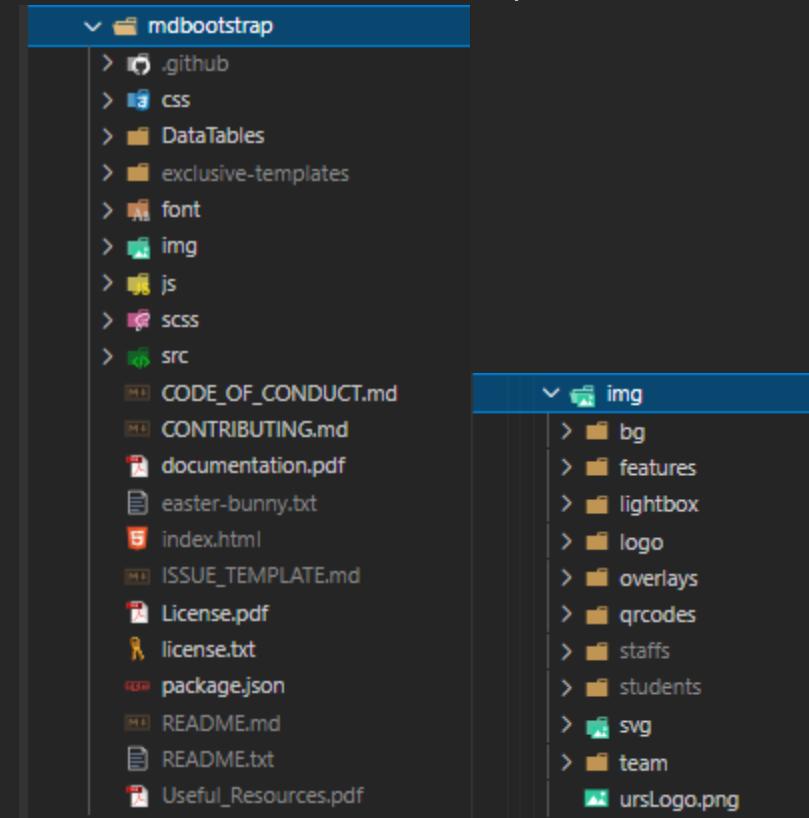


4. Folder Structure

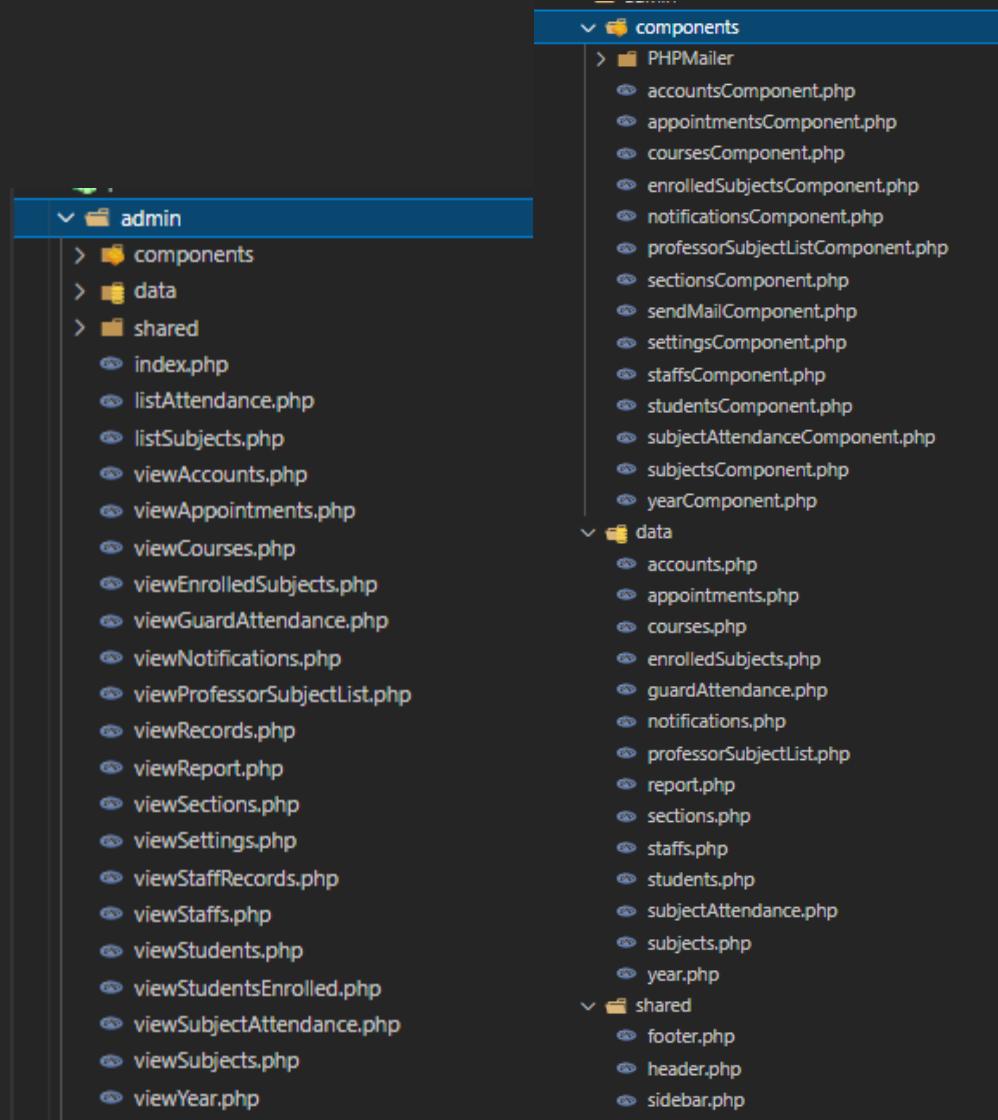
a. Overview



b.Node Modules>mdbootstrap

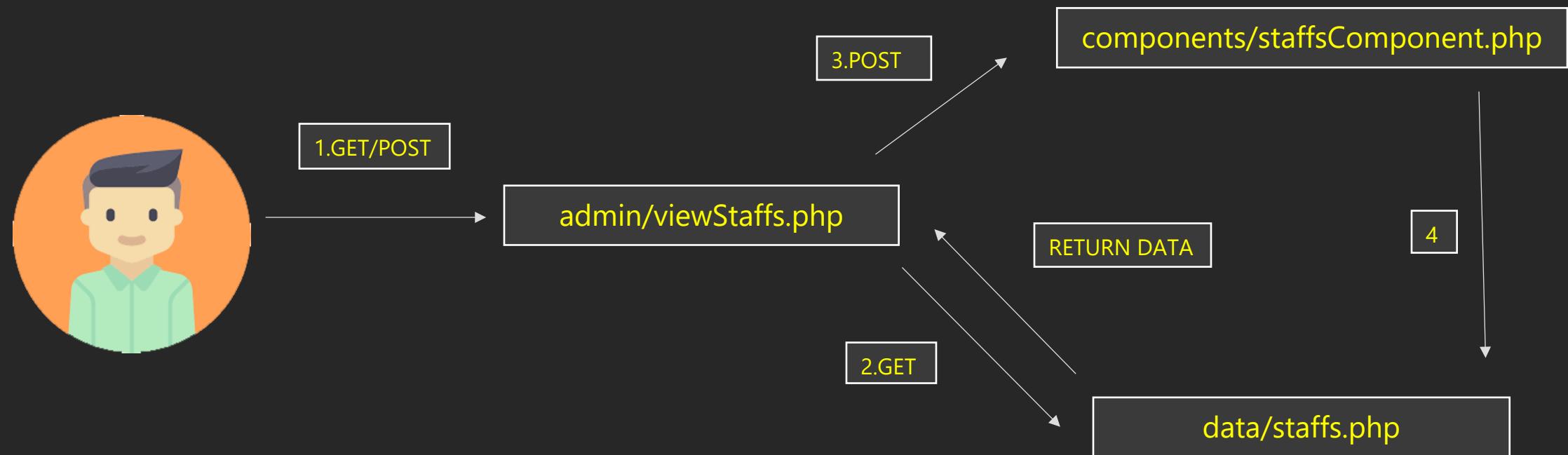


c. admin

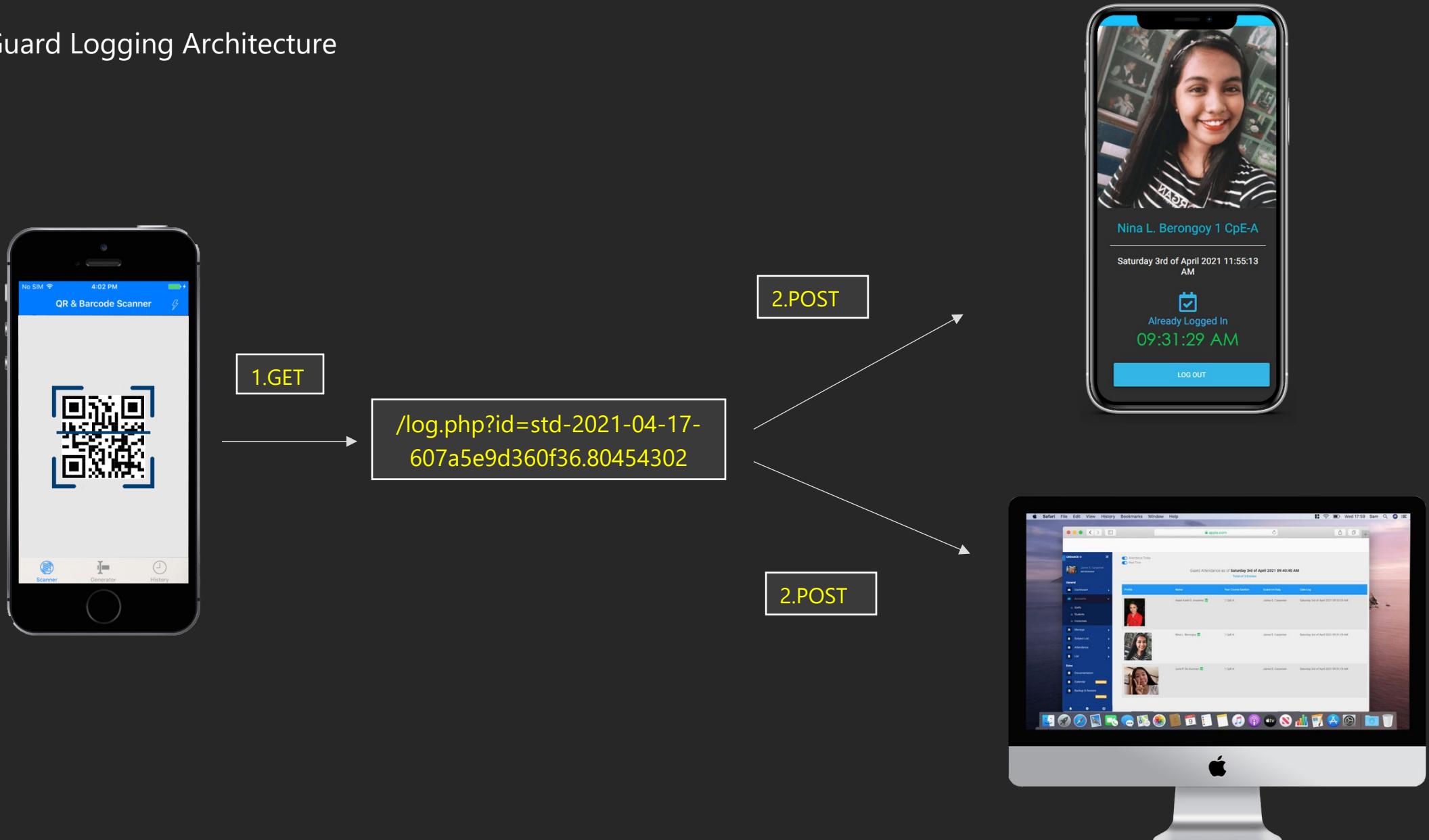


5. CRUD Architecture

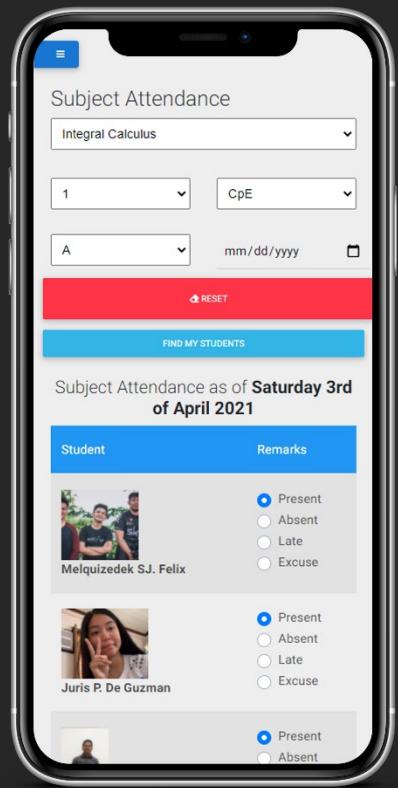
- i. view – display interface
- ii. data – fetch data (select/read returns data)
- iii. components – insert, update, and delete data (returns a success or error message)



6. Guard Logging Architecture



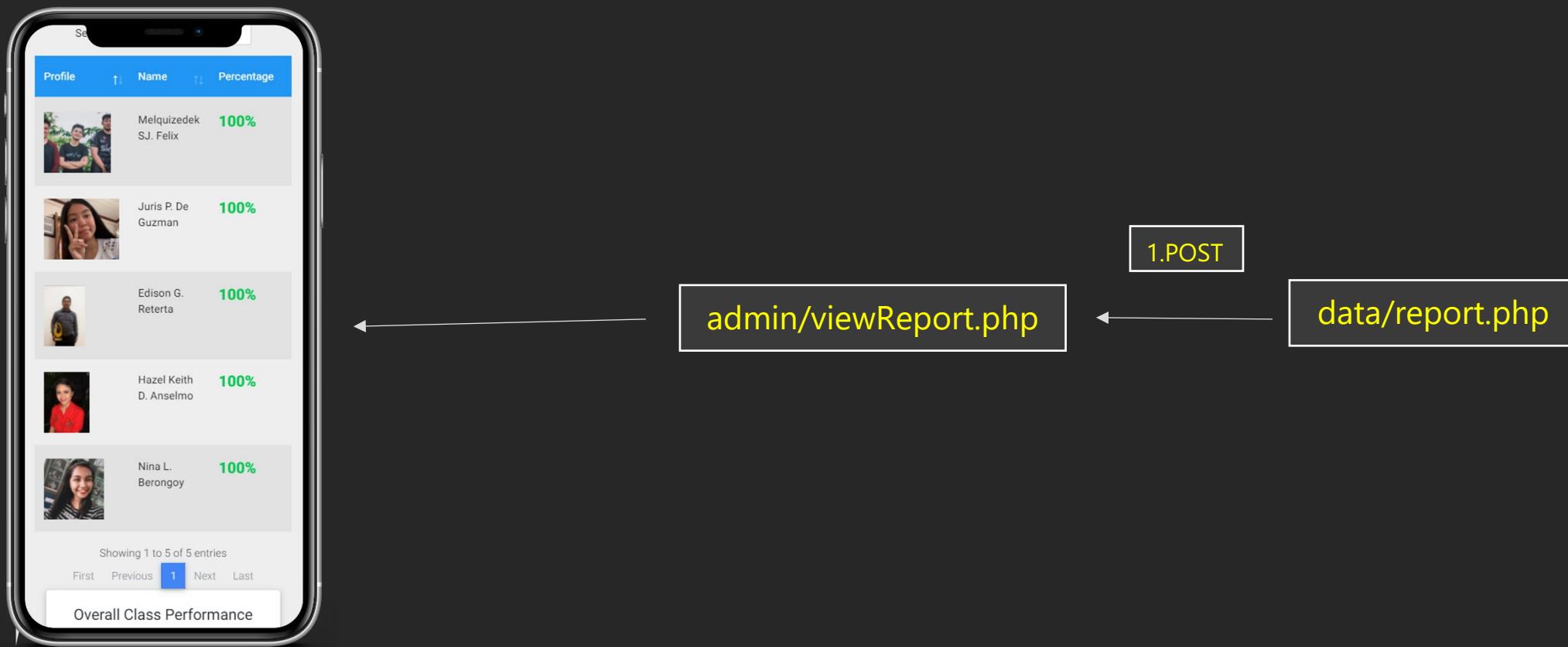
7. Subject Logging Architecture



1.POST

components/subjectsComponent.php

8. Subject Class Performance Architecture



9. Performance and Load Up

The screenshot shows a login interface for a system named "QRDANCE ©". The logo features a globe and the year "2001". The login form includes fields for "Username" and "Password", a "LOG IN" button, and a "Forgot Your Password?" link. Below the form is a decorative graphic with binary code and the text "The Team". To the right, the Chrome DevTools Network tab is open, displaying a detailed list of resources loaded by the page. The table includes columns for Name, Status, Type, Initiator, Size, Time, and Waterfall. Key resources listed include "client.js", "all.min.css", "bootstrap.min.css", and various font files like "Roboto-Light.woff2" and "fa-brands-400.woff2". The "Waterfall" column shows the sequential loading of these assets.

Name	Status	Type	Initiator	Size	Time	Waterfall
client.js	200	script	(index)	990 B	526 ms	
all.min.css	200	stylesheet	(index)	11.2 kB	144 ms	
css2?family=Roboto:wght@300;400;... bootstrap.min.css	200	stylesheet	(index)	731 B	594 ms	
aos.css	200	stylesheet	(index)	22.1 kB	420 ms	
client.css	200	stylesheet	(index)	3.1 kB	314 ms	
mdb.min.css	200	stylesheet	(index)	82.6 kB	332 ms	
jquery.min.js	200	script	(index)	35.9 kB	331 ms	
bootstrap.min.js	200	script	(index)	15.0 kB	340 ms	
mdb.min.js	200	script	(index)	144 kB	357 ms	
datatables.min.js	200	script	(index)	48.9 kB	332 ms	
aos.js	200	script	(index)	5.2 kB	362 ms	
ursLogo.png	200	png	(index)	82.3 kB	364 ms	
1.png	200	png	(index)	576 kB	509 ms	
footer-powered-by-000webhost-whi... bglc.svg	200	webp	(index)	2.4 kB	93 ms	
bglc.svg	200	svg+xml	client.css	1.2 kB	603 ms	
bg1.jpg	200	jpeg	client.css	978 kB	1.82 s	
Roboto-Light.woff2	200	font	mdb.min.css	49.7 kB	738 ms	
Roboto-Regular.woff2	200	font	mdb.min.css	49.5 kB	748 ms	
Roboto-Bold.woff2	200	font	mdb.min.css	50.3 kB	740 ms	
fa-brands-400.woff2	200	font	all.min.css	77.5 kB	138 ms	
fa-solid-900.woff2	200	font	all.min.css	78.9 kB	113 ms	
fa-regular-400.woff2	200	font	all.min.css	14.0 kB	136 ms	

The screenshot shows a web browser displaying the QR DANCE Online QR Code Attendance Tracking System. The main page has a teal header with the title "QRDANCE" and subtitle "Online QR Code Attendance Tracking System". It features the University of Rizal System logo and a user login form with fields for "Username" and "Password", and a "LOG IN" button. The browser's developer tools are open, specifically the "Performance" tab, which provides a detailed breakdown of the application's performance metrics.

Network Timeline:

- Initial Request: qrdance.000webhostapp.com (991 ms)
- Subsequent Requests:
 - all.min.js (491 ms)
 - css2 (fonts.googleapis.com) (991 ms)
 - aos.css (qrdance.000webhostapp.com) (1491 ms)
 - client.css (qrdance.000webhostapp.com) (1991 ms)
 - mdb.min.css (qrdance.000webhostapp.com) (2491 ms)
 - ursLogo.png (qrdance.000webhostapp.com) (2991 ms)

Timeline Summary:

- Range: 176 ms – 3.36 s
- Total blocking time: 918.80ms [Learn more](#)

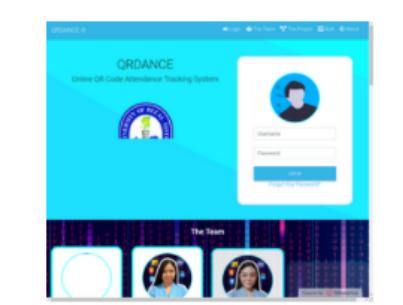
Performance Breakdown:

Category	Time (ms)
Loading	135 ms
Scripting	1170 ms
Rendering	250 ms
Painting	257 ms
System	398 ms
Idle	973 ms
Total	3184 ms

tools.pingdom.com/#5e3cce9d19400000

TOUR RESULTS.

[DOWNLOAD HAR](#) [SHARE RESULT](#)



Performance grade **C 75**

Page size **5.7 MB**

Load time **2.52 s**

Requests **34**

Improve page performance

GRADE	SUGGESTION	
F 0	Use cookie-free domains	▼
F 0	Add Expires headers	▼
F 34	Compress components with gzip	▼
C 72	Make fewer HTTP requests	▼
A 100	Avoid empty src or href	▼
A 100	Put JavaScript at bottom	▼
A 100	Reduce the number of DOM elements	▼

Response codes

RESPONSE CODE	RESPONSES
200 OK	34

10. Security

- a. Header Expiry
- b. HTTPS
- c. TLS Sending Email
- d. Password Encryption (Bcrypt Algorithm)
- e. CSRF Token
- f. XSS
- g. Session Hijacking
- h. Session Fixation
- i. Input Validation
- j. Data Sanitize
- k. File Extension Validation
- l. SQL Injection
- m. Prepared statement
- n. Page restrictions
- o. Record Validation