# **User Manual**

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#### I. Introduction

#### A. Powering and Booting Up

- 1. Check the cable connections. Connect the power cable to the AC input in the box. Then connect the monitor display on the VGA input in the box. You can also connect keyboard and mouse in the USB Port (*Optional*).
- 2. The device will automatically power up once connected to the AC input.
- 3. Wait for atleast 2-3 minutes for device to boot-up. And Wait for the public kiosk dashboard to display in the monitor.



#### **B. WIFI Access Point**

- 1. The hardware device it self is configured as a wifi router.
- Once the hardware device has successfully booted up. You can use another device (Laptop or Desktop Computer) to access the application through WIFI.

The default SSID is "tas-001", and the default password is "password1"

You can access the application through "<a href="http://172.24.1.1:1337">http://172.24.1.1:1337</a>", by using Google Chrome Browser for better stability.

#### II. Quick Start

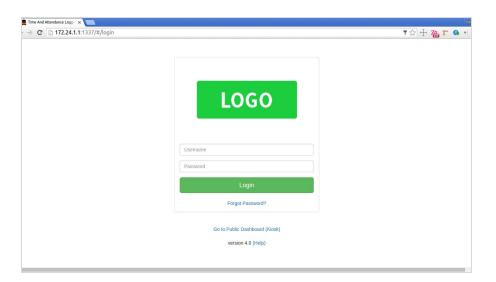
This part of the manual will give you a quick tour guide showing how easy and quick to start things up. This section covers on registering an employee/user, and generating a report out of that certain employee. The full guide on the whole application is located on part three(3) of this user's manual.

## A. Registering an Employee/User

During first boot up, the public kiosk page will be displayed on the monitor connected on the box. Click on the clock to redirect you on the admin login page.

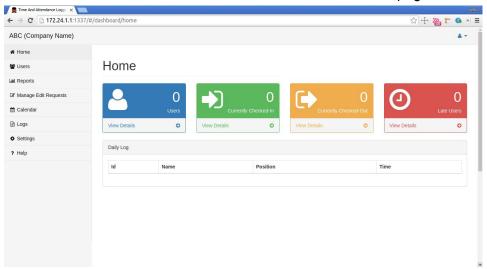


1. When you are accessing the application using another computer via WIFI, you can directly go to <a href="http://172.24.1.1:1337">http://172.24.1.1:1337</a> by using a Google Chrome Browser for better stability.

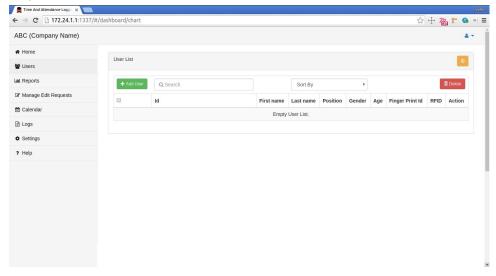


Login through the application using "admin" as the username and "admin" for the password. This will then redirect you the home page.

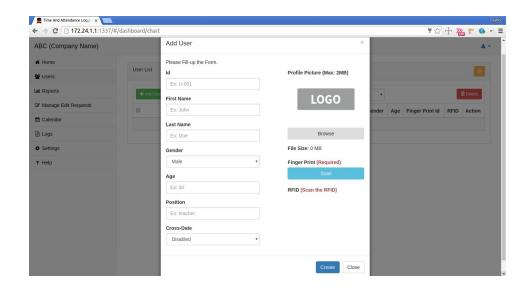
2. Now that you are already in the home page, click on "Users" located on the side bar menu. You will then be redirected to the "Users" page.



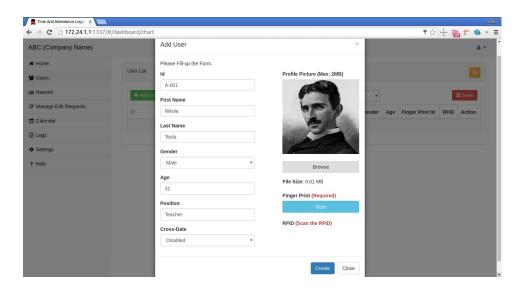
3. If you are already in the users page you will see similar to the image below, then click on the green "Add User" Button, and a form will pop-up for you to fill-up



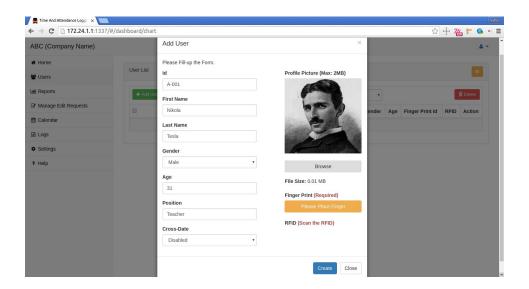
4. Now fill up the form with the user's or the employee's Id#, First and Last Name, Gender, Age, and Position. To add a profile picture for the user, click on browse to select a picture.



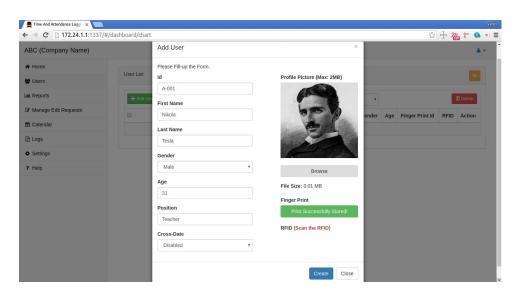
5. Once everything is filled out, click on the "Scan" button to scan the user's fingerprint. You can also scan RFID if module is available.



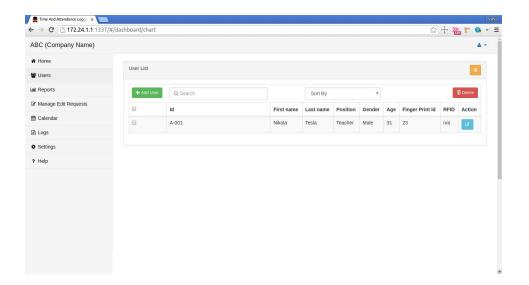
6. It will then guide you on a series of instructions.



7. Once scanning is successful, it will display "Print Successfully Stored!".



8. The user will then be added to the User list.



9. **Done!** Now that the user is already registered, he/she can already use the device to record a login attendance. (*If you want to register using RFID, please refer to User Page, page 14*)

## B. Monitoring the login attendance

- 1. You can checkout the login attendance activity through the monitor connected in the hardware device, or you can also access the public kiosk dashboard remotely through wifi by using another computer by going to "<a href="http://172.24.1.1:1337/#/public">http://172.24.1.1:1337/#/public</a>".
- 2. When a registered employee/user logins through the fingerprint sensor or RFID, the kiosk will display a view similar below.

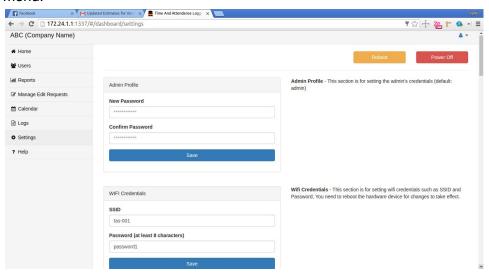


## C. Generating and Printing a Report

1. Assuming that we already done some login attendance on a certain user/employee. We can already generate a report.

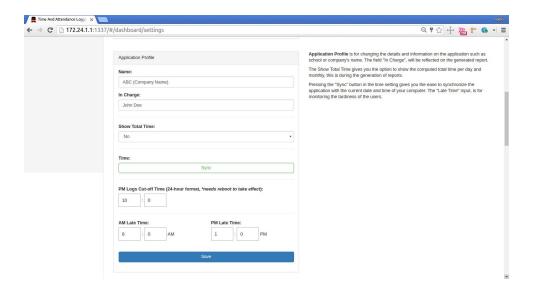
In this case, Nikola Tesla logged on March 31, 2017

2. Before we start to generate a report, we need to navigate to Settings Page first. To do this, click on the "Settings" button located in the side menu.

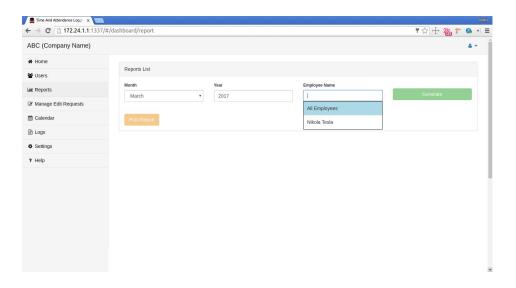


3. Now that you are in the settings page, scroll down to the "Application Profile" Section, then change the the desired name for the "In Charge" or "Admin". This name will be the one displayed on the form when the report is printed.

You also have the option to show the calculated total time on the report, by choosing "Yes" or "No" in the "Show Total Time" option. The default option is "No", but we are going to try to set it to "Yes".

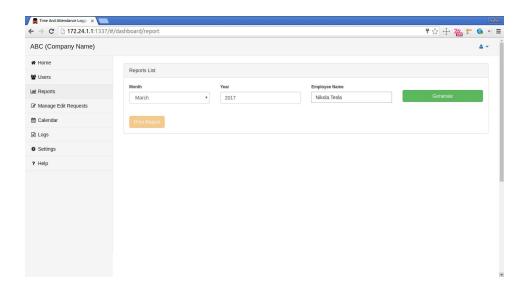


4. Once you are already done setting the desired options for the "In Charge" and "Show Total Time" options, we can navigate to the Reports page by clicking on the "Reports" button in the side menu.

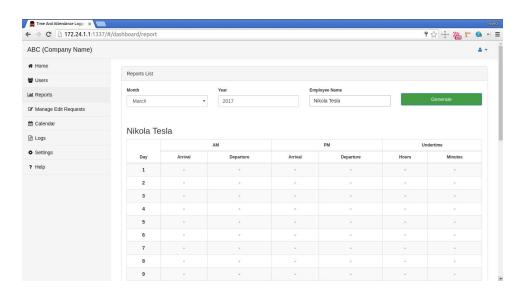


5. Now that you are already in the Reports Page, Select the desired month and year you wish to generate. For now we only have one registered user/employee, so we can choose the name of that employee but you also have the option to select all.

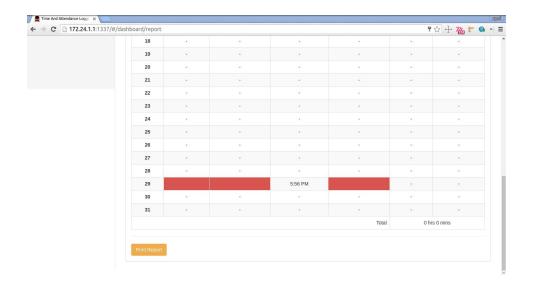
In this case, we are selecting the month of March and year 2017, with Nikola Tesla as our selected employee.



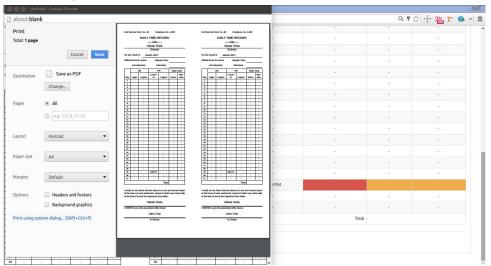
6. Now that we selected the desired date and name of the employee, click on the "Generate" button to generate the report.



7. Now that the report is generated, scroll down and click on "Print Report" Button to print a hard copy of the report, or save it as a ".pdf" soft copy.



8. A popup window will appear showing the print preview of the official form with the designated information such as the employee's name, logs, and the in-charge personnel.

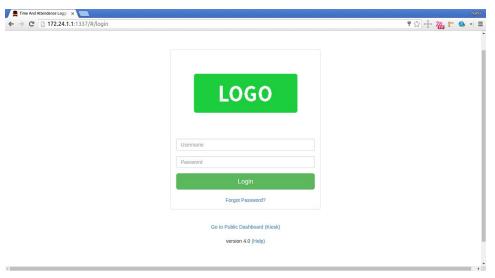


**9. Done!** Now you have successfully generated a report ready for hard copy printing or a soft copy ".pdf" file saving.

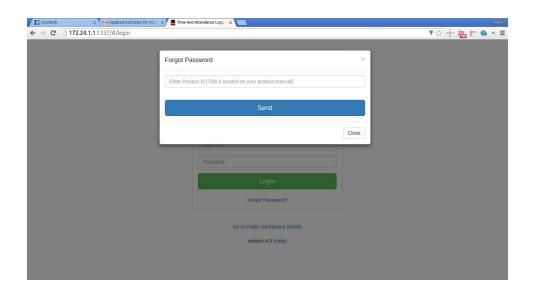
## III. Application Guide

A. Login Page

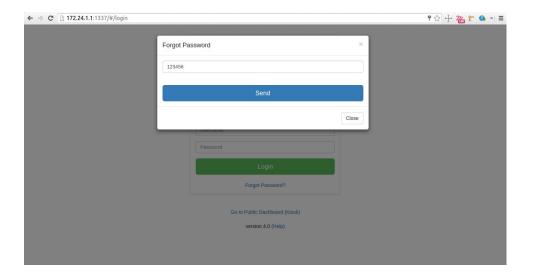
This page is the portal to the application. You can access this remotely by typing this in the google chrome browser "<a href="http://172.24.1.1:1337/#/login">http://172.24.1.1:1337/#/login</a>". If you want to access it locally via the hardware device, click on the clock displayed in the public kiosk dashboard page.



- **1. Credentials** The default username is "admin", and default password is "admin" too.
- Forgot Password If you have forgotten your password, click on "Forgot Password?" link. It will display a popup form asking you to input your Product Id.



Once you have input the correct Product Id, click on "Send" button. It will then display a notification saying "Password reset to "admin": Success!".

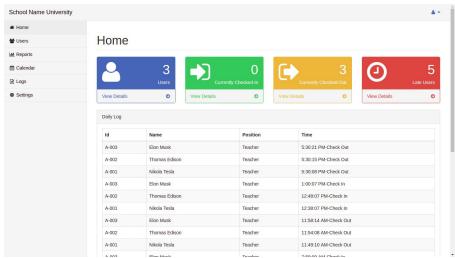


Now the password will be reset to default which is "admin".

**3.** Link to Kiosk - clicking on "Go to Public Dashboard (Kiosk)" link, will navigate you to the public kiosk page.

#### B. Home Page

**1. Dashboard** - This displays a realtime information on the attendance activity, such as the total number of employees who checked-in, checked-out, and those who checked in late.

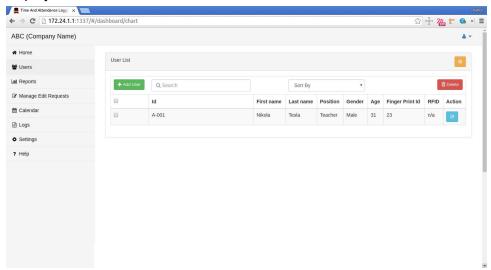


You can set the late time in the settings page.

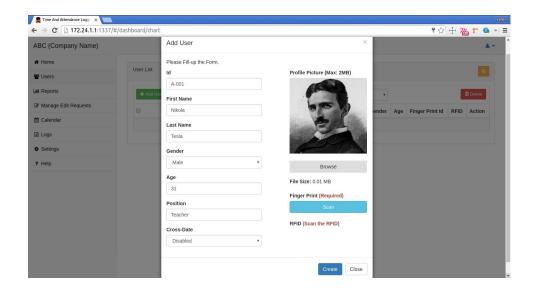
**2. Daily Logs Table** - This displays all the real time daily readings from the finger print sensor. This table resets everyday.

#### C. User Page

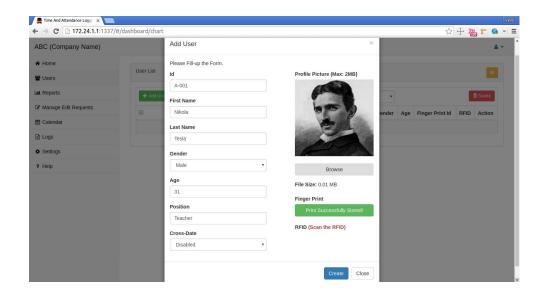
**1. View User List** - This gives you a list on the current registered employees/users.



2. **Add User** - As shown in the quick start guide, you can add employees/users locally and remotely.

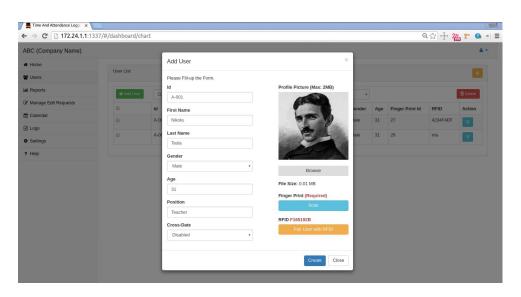


If you'll go for the finger print option, click on "Scan" Button to scan the user's fingerprint. A series of instructions will be shown on the same button.

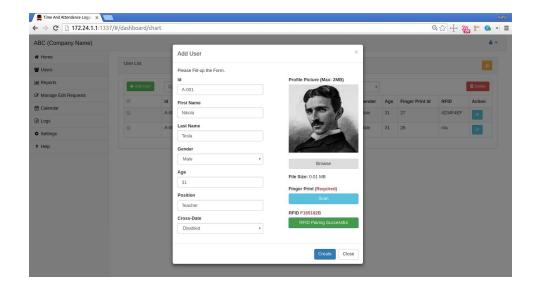


Once successful it will display "Print Successfully Stored!".

If you want to use RFID, then just scan the RFID Card and "Pair User with RFID" button will appear, click it.

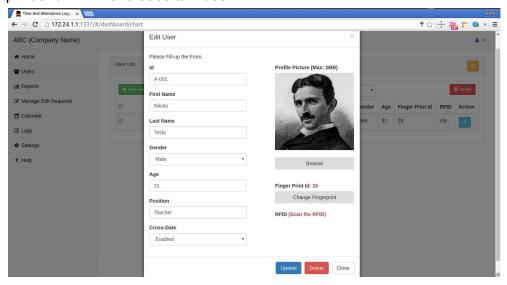


Once successful it will display "RFID Pairing Successful"

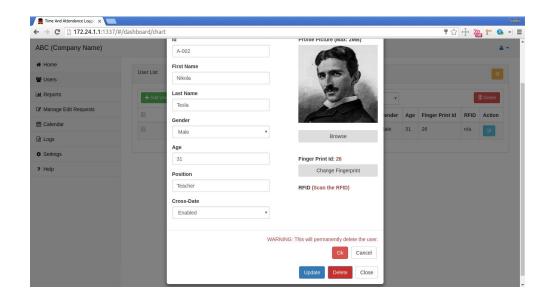


Click on "Create" button to finish up the registration.

**3. Update User** - You can also update the user information by clicking the color "light blue" edit button in the "action" column. Aside from the user information, you can also change the profile picture, the designated finger print and RFID for that certain user.



**4. Delete User** - You also have the option to delete that user. A confirmation warning dialog will appear if you are really sure to delete the user.

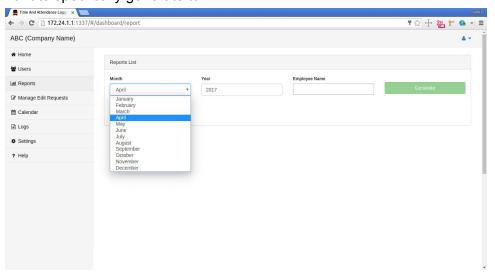


Once the user is deleted, it will not be anymore displayed in the Employee/User List, as well as in the "Reports" Employee/User list if you wish to generate a report in the "Reports" Page.

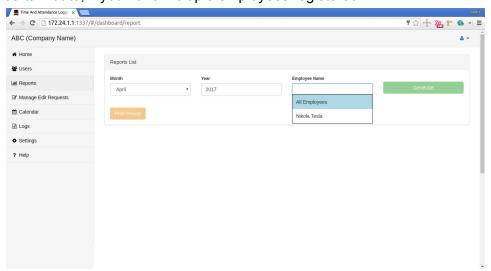
#### D. Reports Page

On this page, you can generate reports in a timeline manner, wherein you can specify a certain date, a certain employee or all employees, and generate a report out of it. Out of the generated report, you can add, edit, and delete certain logs according to their date. If you are already satisfied with the report, you can print a hard copy out of it, saving it as a ".pdf" copy is also possible. You can navigate to this page, by clicking "Reports" in the sidemenu.

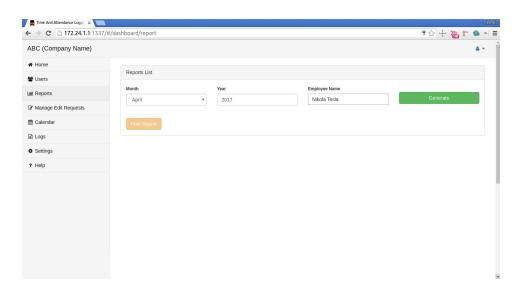
**1. Set Date** - In setting a date you need to choose what month and year you want to specifcally generate to.



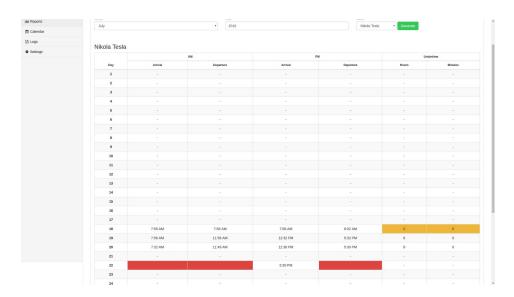
2. Select All - You can choose to generate all employees' reports at that certain date, if you have multiple employees registered.



**3. Select Single Employee** - You can also choose to generate a report for a single employee.

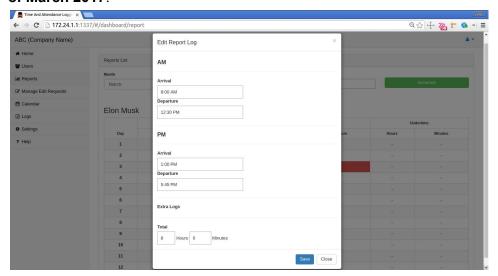


**4. Generate Report** - Once you specified a certain month and year. Click on the "Generate" button to generate the report.

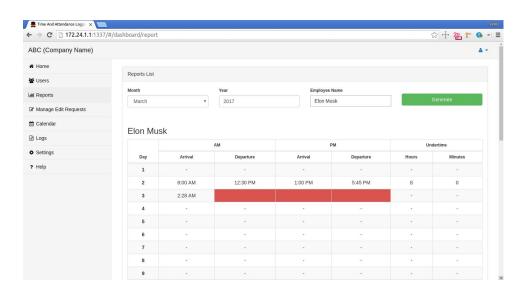


**5. Add Reports** - Now that the report has been generated, you have also the option to add logs manually. To do this, just click on a row

corresponding to that certain date. In the picture below, we selected **2nd** of March 2017.

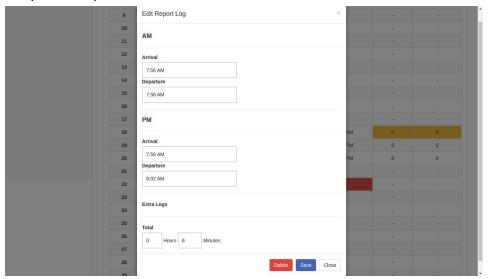


A popup form will appear, and you need to fill up the fields. In this case, for the morning logs 8:00 AM for the arrival, 12:30 PM for the departure. And for the afternoon logs 1:00 PM for arrival, and 5:45 PM for the departure. If you are satisfied with the data, click on "Save" button to create a new log manually.

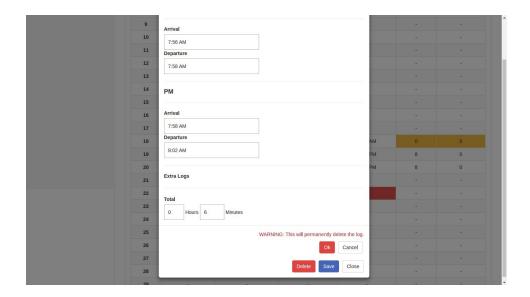


And now we have just added a new log manually on 2nd of March 2017. This will now be saved in the database, and when you print the report, this log will appear in the print preview.

**6. Edit Reports** - You can also edit reports by clicking on the row of that particular date. Once you've click that row, a popup form will appear wherein you can manipulate the logs as well as the total time. To complete this process, click on "Save" button.



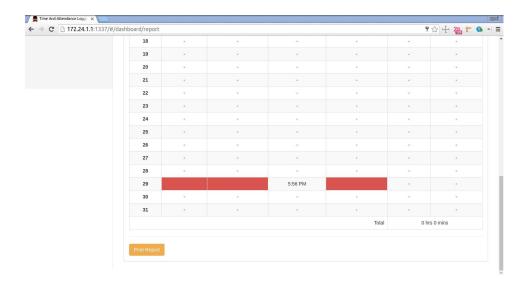
7. Delete Reports - You can also delete reports by clicking on the row of that particular date. Once you've click that row, a popup form will appear click on the "Delete" button. A warning confirmation dialog will appear asking you if you are sure to delete it.



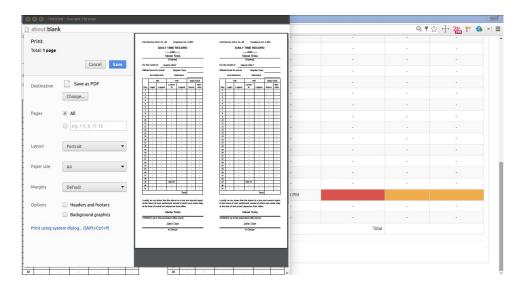
If you are indeed sure to delete it, click on "Ok" button to finish the deleting process.

**8. Print Report** - Once you are already satisfied with the generated report. You can print the report, this action gives you two options which are to

print a hard copy or save it in a ".pdf" softcopy. To accomplish this, click on "Print Report" button located on the left bottom of the page.



Once you have clicked the "Print Report" button, a popup window will appear containing the print preview



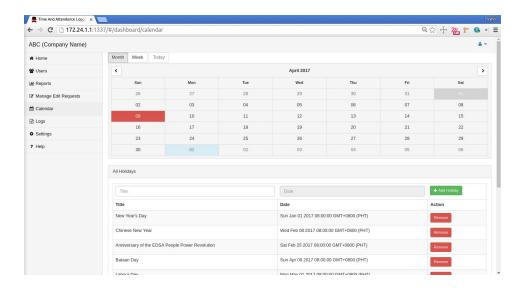
You have the option to print a hardcopy out of it, or save it into a ".pdf" file.

### E. Calendar Page

The calendar page gives you a display of the holidays of that certain day, month and year. You can add and remove holidays. These holidays will then be

displayed in the dates corresponding to the reports generated. The default holidays added on the calendar page is for Philippines 2017 Holidays.

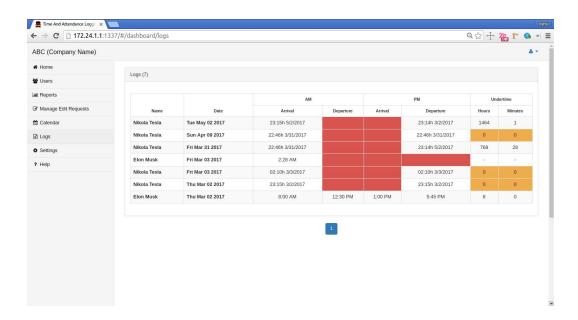
**1. View Calendar** - You can navigate through the days, weeks, and year in the calendar. If a holiday is highlighted in red, it means that it is a holiday.



- **2.** Add Holiday You can easily add holidays by clicking on a certain date, and adding in a title for that certain holiday. Click "Add Holiday" to finish the process.
- **3. Remove Holiday** You can remove a holiday by click the "Remove" button corresponding to that holiday.

#### F. Logs Page

This page has a direct and simple functionality which is to view all the log records stored in the device.



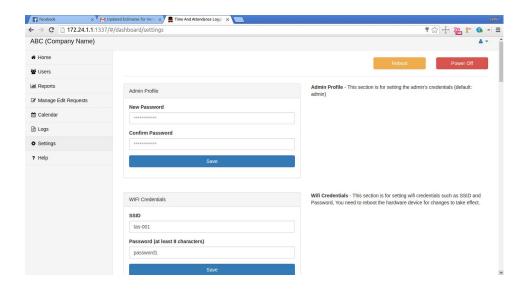
If the log slot is highlighted in red, it means that it is empty and has not been logged. The yellow indicator stands for undertime warning.

This feature only covers viewing, if you wish to add, edit or delete logs, please go to the reports page to process to those actions.

#### G. Settings Page

This page lets you configure all the options related to the whole application such as admin and wifi credentials, application profile, color themes, custom avatars, user table format, and database backup and restore options.

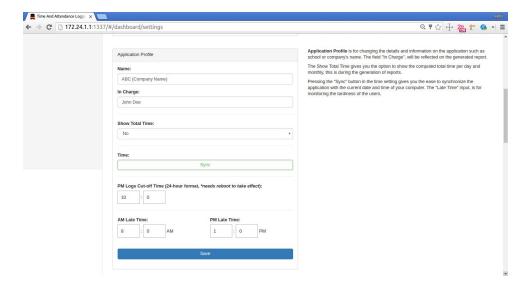
**1. Admin Profile** - It contains the credentials for the admin user. Click "Save" Button to save the admin password. Default password is "admin"



2. WIFI Credentials - You also have the option to change the wifi credentials of the hardware device. Click "Save" Button to save the wifi credentials. Default SSID is "tas-001", default password is "password1".

You need to reboot the hardware device for changes to take effect. You can do this by clicking on the "Reboot" Button located on the top right of the "Settings" Page.

**3. Application Profile** - This section covers the information mostly of the agency/school/company.



The name of the agency/school/company can be changed by altering the value in the "Name" field. This will be the one displayed in the header section of the application.

The "In Charge" field, will be for the one displayed on the bottom part of the generated report form sheet.

The "Show Total Time" option is for showing or hiding the total time in the report generated.

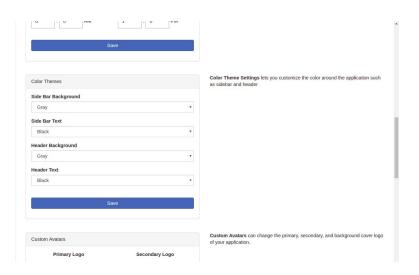
The "Time" field is for synchronizing the date & time of the hardware device to the date & time of the remote computer accessing it.

The "Cut-off Time" is for adjusting the second half or "PM" login of the day. You can set the time manually.

The "AM & PM Late Time" is for the tardiness monitoring located in the Home Page.

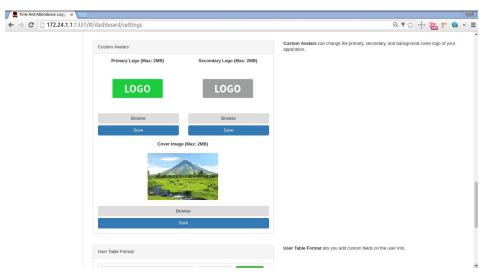
Click on the "Save" Button if you want the changes to be saved.

**4. Color Themes** - This section covers the customization of colors in the sidebar and header menus.



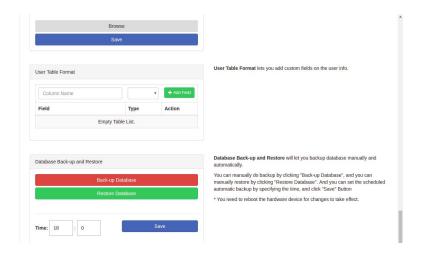
Click on the "Save" Button if you want the changes to be saved.

**5. Custom Avatars** - This section is for customizing the primary, secondary, and cover logo that is being displayed in the public kiosk dashboard.



If you want to change that image click on "Browse Button" then open your desired picture. Click on the "Save" Button if you want the changes to be saved.

**6. User Table Format** - This section simply lets you add information upon registering and editing a user in the Users Page.

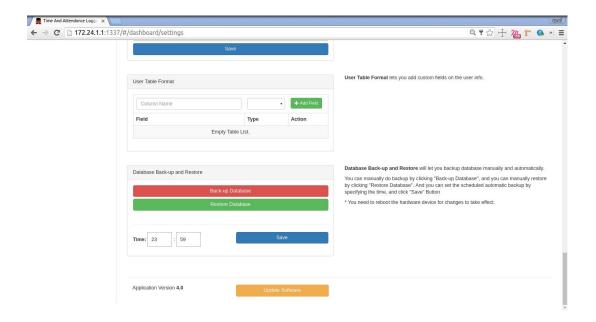


Database Back-up and Restore - will let you backup database manually and automatically.

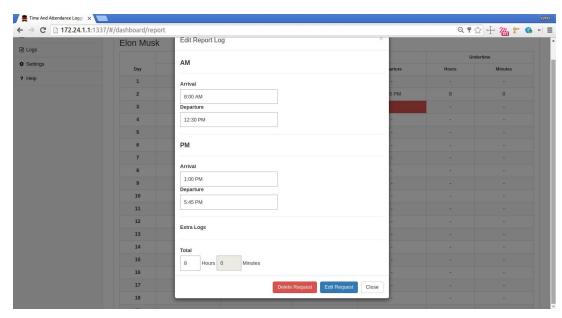
You can manually do backup by clicking "Back-up Database", and you can manually restore by clicking "Restore Database". And you can set the scheduled automatic backup by specifying the time, and click "Save" Button

You need to reboot the hardware device for changes to take effect. You can do this by clicking on the "Reboot" Button located on the top right of the "Settings" Page.

**8. Update Software -** You can update the software through the internet. This can come in handy in fixing bugs, and updating software. (Your hardware box must be connected to the internet to perform this).

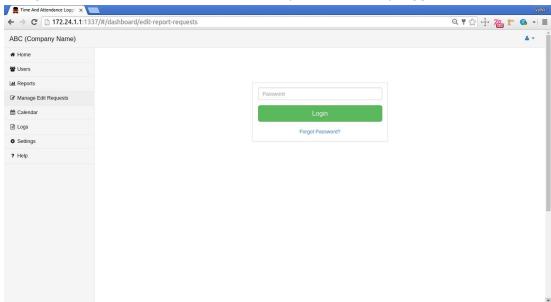


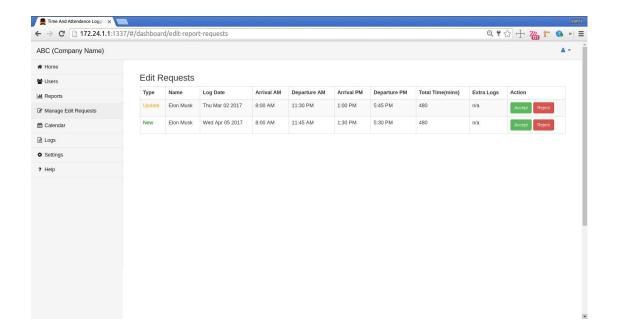
- **H. Manage Edit Requests** This feature enables you to add a security layer in editing request through approval.
  - 1. Send Edit Request After editing the log, click on "Edit Request" to send a request to the admin.



## 2. Manage Requests

Input the default password "admin2", then click on login. You can change the password for the approver once you successfully logged in.





In this list you can either "Accept" or "Reject" the request.

#### I. Public Kiosk Page

This page is the default display when the hardware device has successfully boot up, you can also view this remotely via wifi by accessing it through "172.24.1.1:1337/#/public". This displays the time and date, morning and afternoon logs, and displays the detected user upon login attendance via the fingerprint sensor or RFID.

#### 1. Kiosk



## 2. Detected User/Employee

