

Group 10

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Master Clinic

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		1@gmail.com				Target platform
						Installation
						instructions
						Troubleshooting
						Point of contact
2.	Abdelrahman	abdomedono2	1.0	05. 08, 2018	Reham	Getting started
	Mohammed	014@gmail.c			Hamdy	Usage instructions
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1. Introduction

1.1. Purpose of this Document

This user and admin guide document is written to provide you a guide for how to configure Master Clinic application and use it with best practice and photos to make it clear and also to provide you with the common problem you may face and its solutions and all functionalities of the application that you can use.

1.2. Scope of Project

The project is mainly concerned with building a centralized database system for a MC business, and building modules that allows three types of users (patients - nurses - doctors) to interact together in a fast and easy way. patients can make reservations with their doctors, check their medical file through a web application. Nurses confirm patients' reservations, update patients' information, delete patients ,create invoices and manage clinics. Doctors are concerned with patients' files , in terms of their creation ,update and deletion , alongside other administrative functions nurses enjoy like accessing patient's information and clinic management, doctors can also access nurses' information and perform all sort of data manipulation.

1.3. Release Information

This is the first version of **Master Clinic** web application (V 1.0 beta) and all new functionalities that we add to this software is provided in release notes document that attached with this document.

1.4. Table of Acronyms and Definitions

Term	Definition
Local host	local service on our PCs
FTP	File Transfer Protocol

Table 1: Table of Acronyms and Definitions

1.5. References

- https://laravel.com/docs/5.6
- http://php.net/downloads.php
- https://www.apachefriends.org/download.html
- https://getcomposer.org/download/
- ReleaseNotes V2.0

1.6. Overview of Document

This document contains some section that provide some help for the user how will use our application such as:

• Target Platform

This section contains a description of the target platform of the application.

• Installation Instructions

This section contains a full description for how to configure the application and its dependencies to start to work on it.

• Getting started

This section contains how to start using the application and its functionalities using simple description provided by some screenshots for every functionality.

• Usage instructions

This section provides a full description for how to use this application and its functionalities.

• Troubleshooting

This section for providing some common problem you may face and how to solve it.

Point of contact

This is the section that contains how to contact us for any feedback or any problem.

2. Target Platform

This is a third party web application so you need only a modern browser like Google Chrome, Firefox, Safari, ...etc. That means this application can run on all operating systems and platforms like:

- Windows
- Linux
- Mac OS
- Android
- OSX
- Blackberry
- ...etc.

3. Installation Instructions

This application is third party web application developed using Laravel 5.6 framework so it has some dependencies must be installed as mentioned (all installation below is using Linux Ubuntu OS by default and for any other OS you should visit links mentioned below)

• For local server

 \circ PHP >= 7.1.3

The application is developed by PHP language so you need to install new PHP version like 7.1.3 or greater, to install PHP go for this URL http://php.net/downloads.php and choose the version you want then install it, or you can install XAMPP program and it contains by default

PHP use this URL https://www.apachefriends.org/download.html using this steps:

- 1. Download the latest version of XAMPP.
- 2. Open terminal then write `sudo chmod +x [path to the file downloaded]`.
- 3. Write this command also `[path to the file downloaded]` or just double click on it.
- 4. Follow the instructions by clicking 'next'.
- 5. To start the server after installation you can just click on start button or write this command in the terminal `sudo /opt/lampp/lampp start`.

o MySql

The application is using database system to save the data of the users and other important data so we are using MySql database and for installation

- Just go to this URL https://dev.mysql.com/downloads/ and choose community tab then you can download the version you want,
- Or you can install XAMPP program like PHP section above it also contains suitable MySql version.
- Or you can open terminal and type `sudo apt install php7-mysql`

Composer

Composer is a PHP dependency manager and required for laravel and for installing it open terminal and type these commands

- php -r
 "copy('https://getcomposer.org/installer',
 'composer-setup.php');"
- 2. php -r "if (hash_file('SHA384',
 'composer-setup.php') ===
 '544e09ee996cdf60ece3804abc52599c22b1f40
 f4323403c44d44fdfdd586475ca9813a858088ff
 bc1f233e9b180f061') { echo 'Installer
 verified'; } else { echo 'Installer corrupt';
 unlink('composer-setup.php'); } echo
 PHP EOL;"
- 3. php composer-setup.php
- 4. php -r "unlink('composer-setup.php');"

After installing all these dependencies go to project folder and if you didn't find vendor folder you just open terminal in project folder and type `composer install` it will take a while to install all files in vendor folder then the application is ready to work. To start the application type this command in terminal in project folder `php artisan serve` and open another terminal and type

`php artisan queue:work` then you can use the application in local host.

For any problem in installation go to this link https://laravel.com/docs/5.6.

• For online server

If you have online domain and host you can upload all project folders in "puplic_html" folder on the server using FTP program like Filezilla or any another program or cpanel provided by your host provider.

4. Getting started

After installing all dependencies as the mentioned in the previous section. open any web browser and for local server type http://localhost:8000/admin/login in the URL filed after running the commands mention in the previous section after Composer installation. if the website is hosted on an online server replace localhost:8000 in the previous link with your website domain the result would look like this: http://domainname/admin/login. This would open the admin login-page of the website which would look like the following:

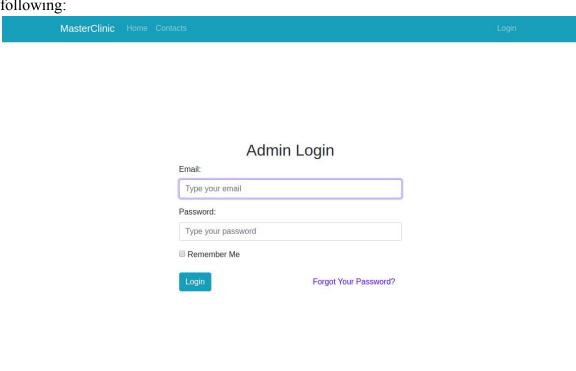


Figure 1: admin login page

Enter your email and password. Then the your homepage would open choose add clinic from clinics section like the following:

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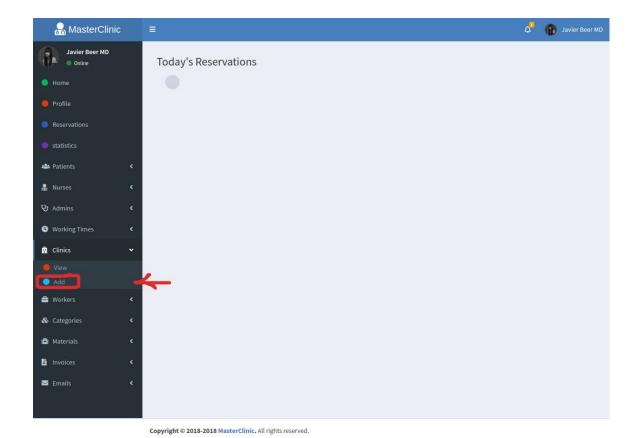


Figure 2: create clinic step 1

This would redirect you to a page containing a from that requires the clinic data. Enter the clinic data and submit the form like the following:

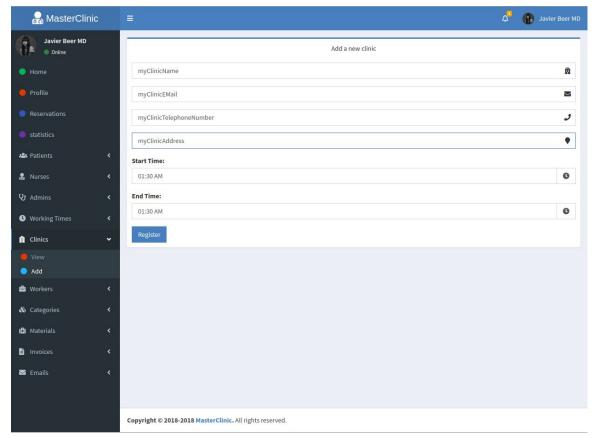


Figure 3: create clinic step 2

Now after you created your clinic you need to create a nurse to take patient reservations. Choose add from nurse section like the following:

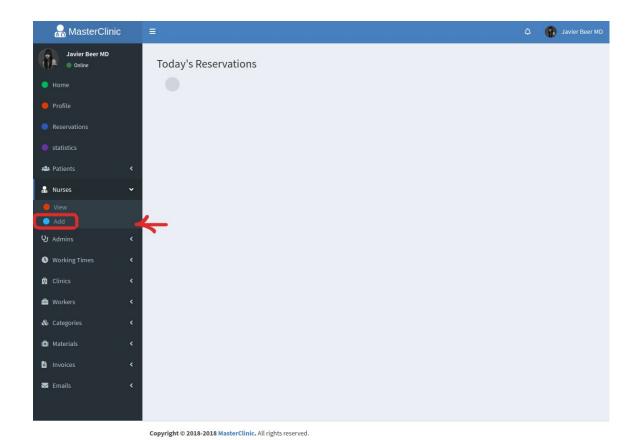


Figure 4: create nurse step 1

This would redirect you to a page containing a from that requires the nurse data. Enter and nurse data and submit the form like the following:

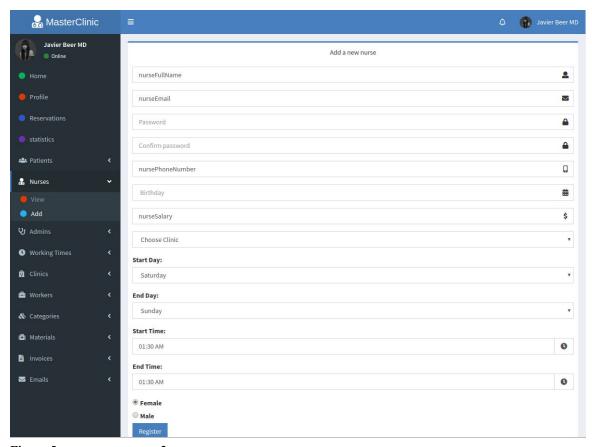


Figure 5: create nurse step 2

Now after you created your nurse you need to create your patients. Choose add from patient section like the following:

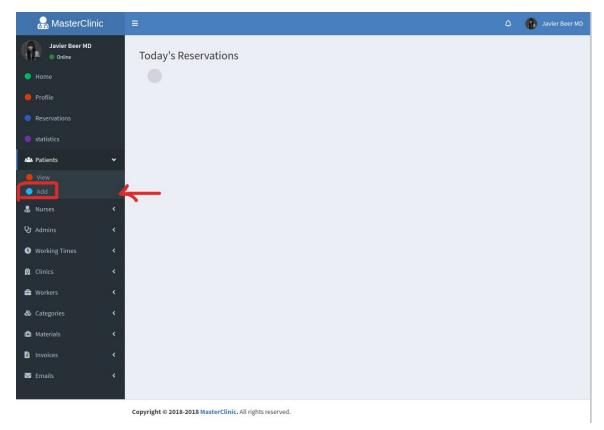


Figure 6: create patient step 1

This would redirect you to a page containing a from that requires the patient data. Enter and patient data and submit the form like the following:

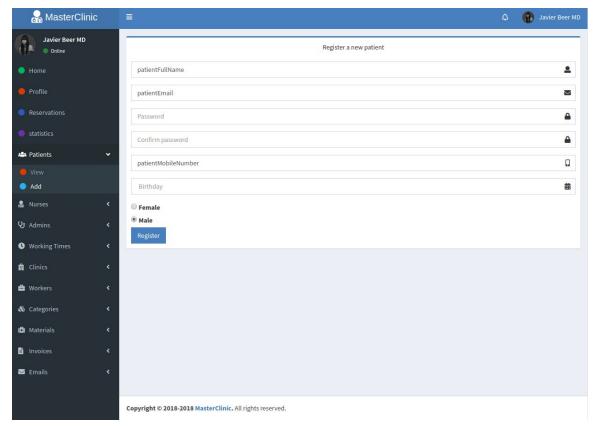


Figure 7: create patient step 2

Now you are ready for work give every user there email and password. For more details about every user functionalities see section 5 below.

5. Usage Instructions

Admin

To start running the program open any web browser and for local server type http://localhost:8000/admin/login in the URL filed after running the commands mention in the previous section after Composer installation. if the website is hosted on an online server replace localhost:8000 in the previous link with your website domain the result would look like this: http://domainname/admin/login. This would open the admin login-page of the website which would look like the following:



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Figure 8: admin login page

Enter your admin email and password for first time usage contact any of the contacts mentioned in section 7 for admin email and password. After you pass this you would enter the dashboard which would look like the following:

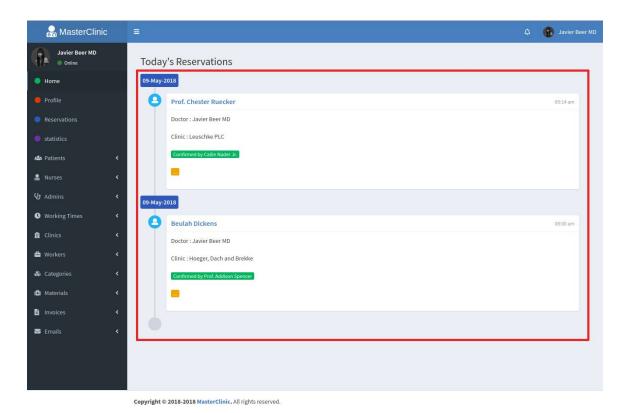


Figure 9: Admin Dashboard home page

On the left of the page you would find the navigation bar that contains all the function available. The page content is the current day reservations confirmed for the admin by a nurse working in the clinic.

Profile

The profile page is where you can view your personal profile and edit any data in it.

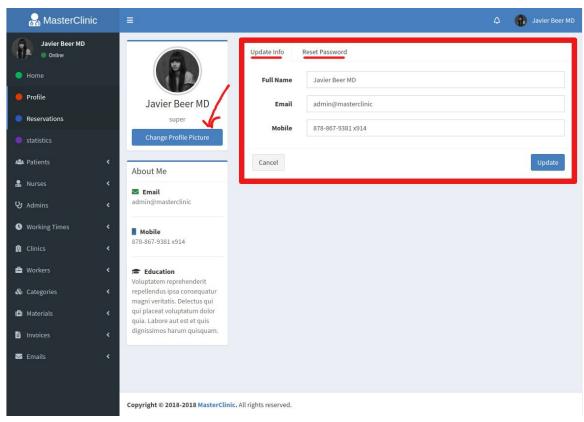


Figure 10: Admin profile page

Reservations

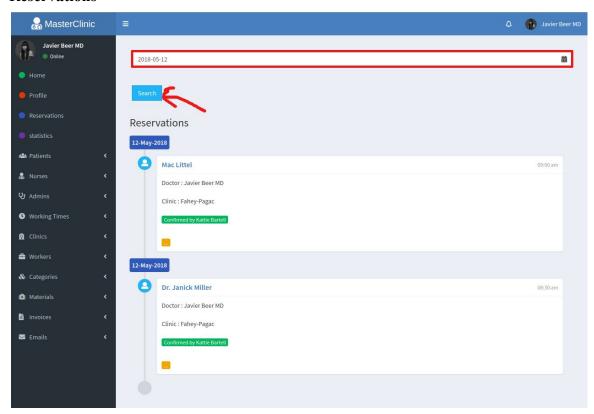


Figure 11: admin reservation page

Reservation page is the page where admin can search over available reservations by date.

Statistics

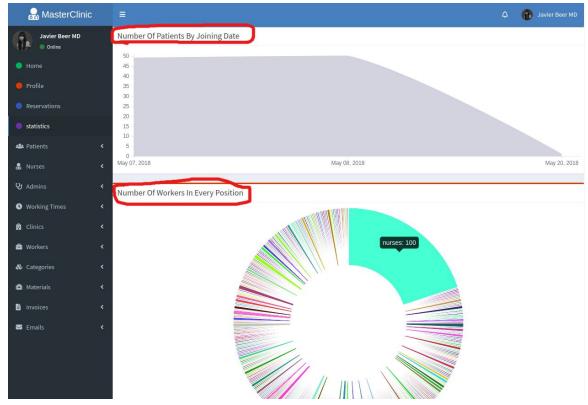


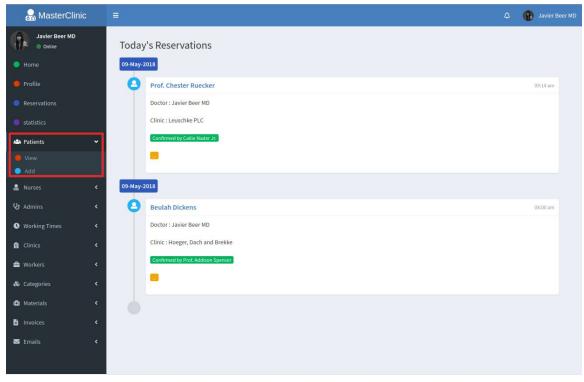
Figure 12: statistics page part1



Figure 13: statistics page part 2

Admin statistics page is the page where super admin can review four different types of statistics as labeled in the previous figures.

Patient Section



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Figure 14: admin patient section

This section contains all functions that admin can perform on patient

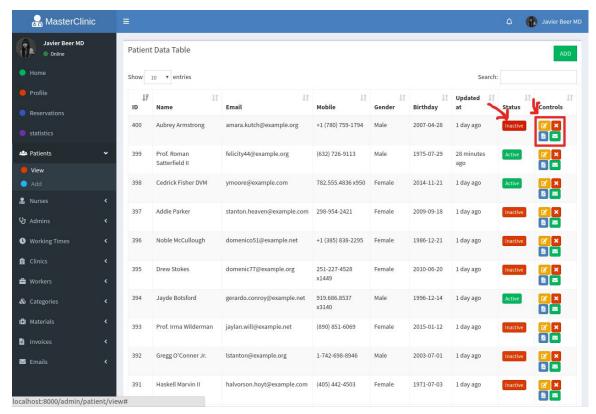


Figure 15: admin view patients

View page in the admin section would show a table of all available patients with five functionalities for every patient labeled red in the previous figure:

- 1. change state (active or in active)
- 2. update patient (yellow button with pen drawing in the red box)
- 3. view file (blue file button with file icon in the red box)
- 4. email patient (green button with envelope icon in the red box)
- 5. delete patient (red button with delete icon in the red box)

by clicking on the activate button (button arrow is pointing to in the previous figure) the state of the patient will change to inactive and the button would change to green color with text on it active if the patient was in active state and vise versa. All other functions are a simple forms that would filled then press the submit button.

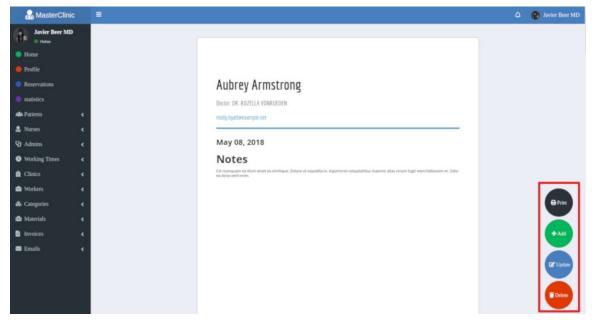


Figure 16: admin patient file

In this page admin can view patient file and perform four functionalities on it labeled by the red box in the previous figure.

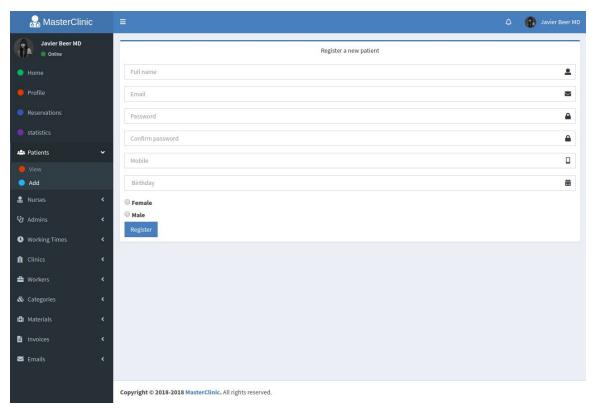


Figure 17: admin add patient

In this page would fill the form to add a new patient.

Nurse Section

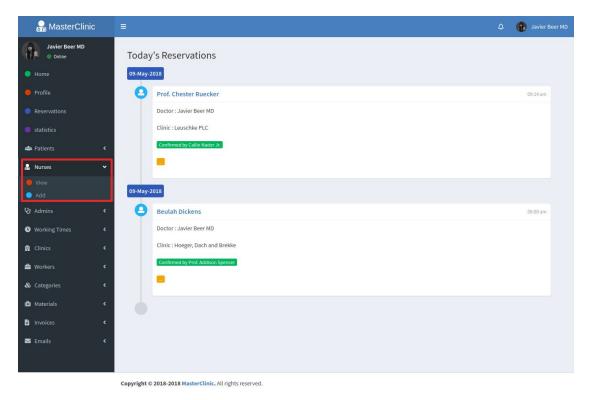


Figure 18: admin nurse section

This section contains all functions that admin can perform on nurse.

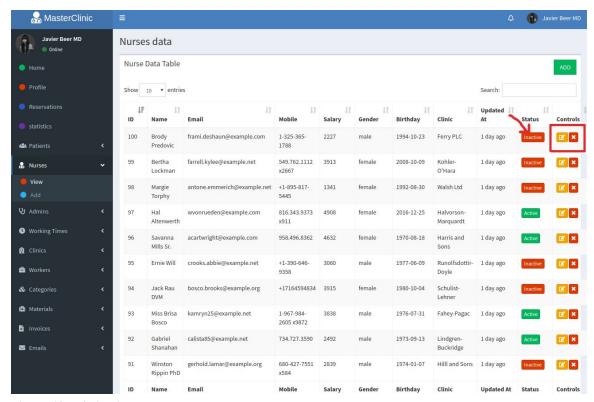


Figure 19: admin view nurses

This page is the same as view patients page, however with less functionalities as nurses doesn't have files and admin can't send emails to nurses.

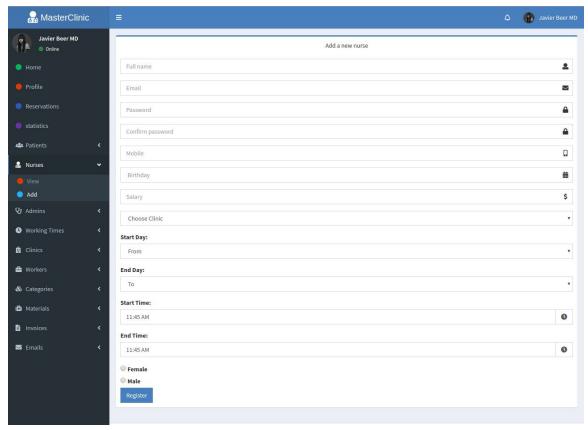
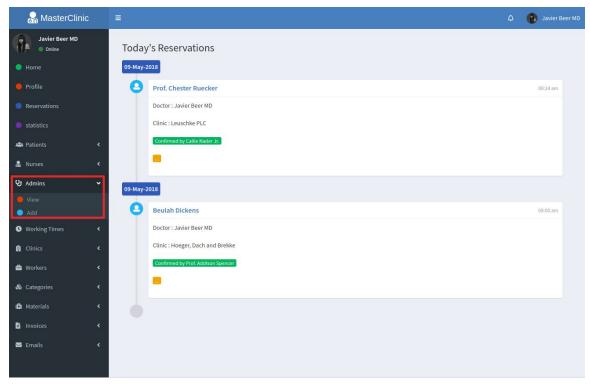


Figure 20: admin create nurse

In this page would fill the form to add a new nurse.

Admin Section



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Figure 21: admin section

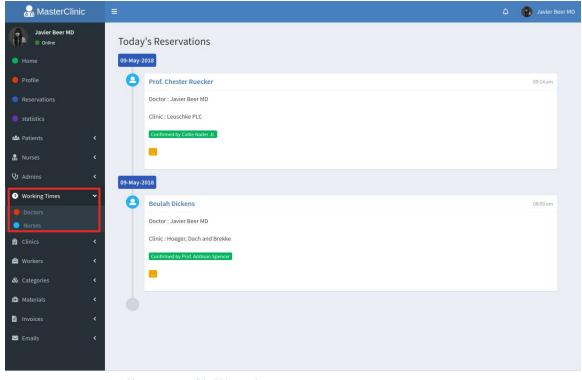
This section is for functionalities that are performed on the admin and appear only for super admins. If the admin is not a super admin the view would be like the following.



Figure 22: not super admin home page

The admin section is the same as patient and nurse sections. Two page one for admins table with same functionalities as nurse table and a create page for adding new admins.

Working Times Section



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Figure 23: admin working times section

this consists of two tables one for admins and one for nurses. The tables contains working times of admins and nurses.

Rest Of Sections Except emails

Clinics, workers, categories, materials and invoices are all exactly the same in terms of functionalities and are exactly as admin and nurses sections with simple difference in the invoices section and materials section.

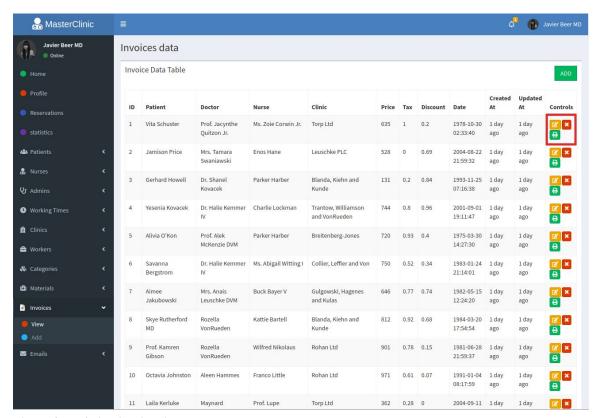


Figure 24: admin view invoices

In invoices view admin the same update and delete functionalities and also printing.

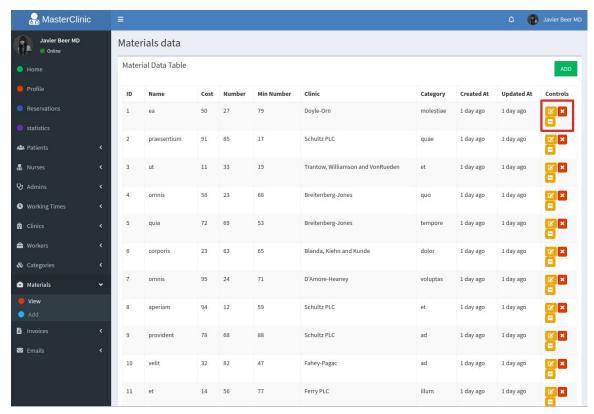


Figure 25: admin view materials

In materials view admin have an icon for decrementing number of the material when used and also to trigger the minimum number alert if the number is lower than the minimum number.

Email Section

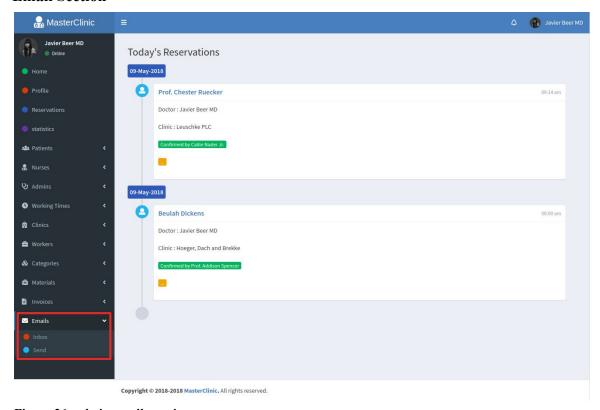
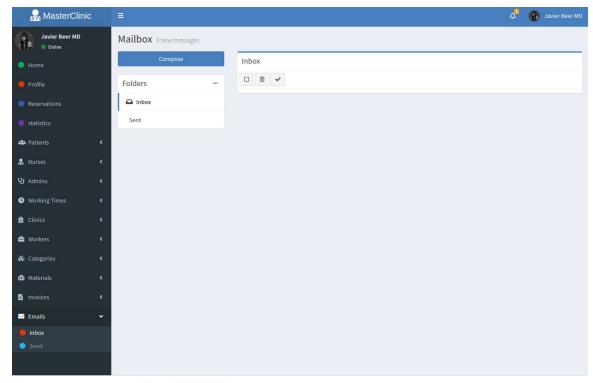


Figure 26: admin emails section

This section have different pages than the other sections. First page email inbox which is traditional mail inbox that views emails with delete and mark as read. The second is email compose page for sending emails to patients. There is also a read page to read inbox emails.



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Figure 27: admin inbox

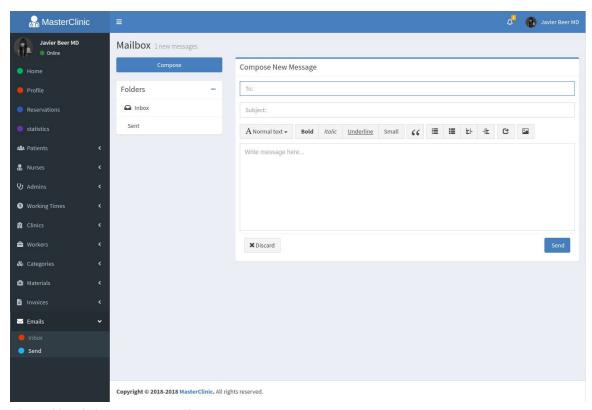


Figure 28: admin compose email

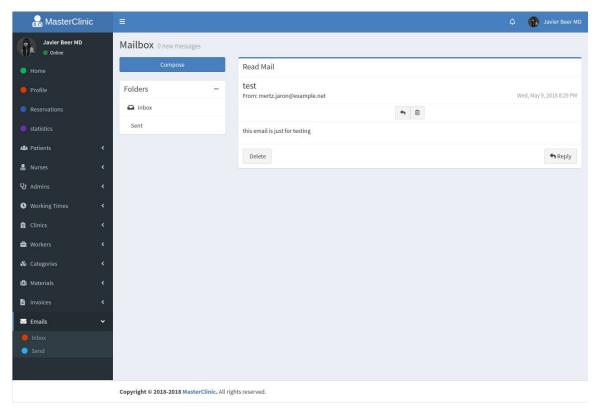


Figure 29: admin read email

Notifications

Admin also have a notification drop down menu that shows material notifications if the materials are less than minimum value then the admin gets a notification that alerts him that material is less than the minimum number. There is also a notification page where admin can delete or edit the notification he have.

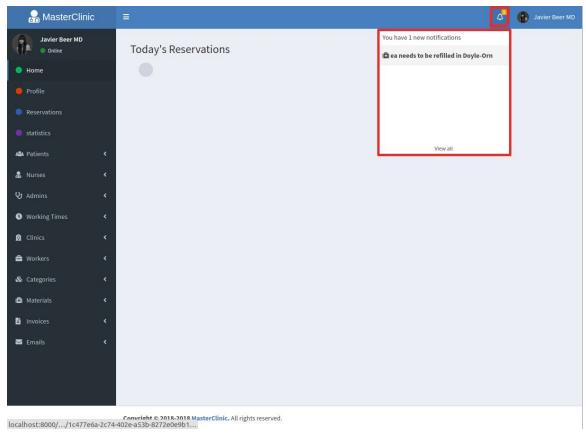


Figure 30: admin notification drop down menu

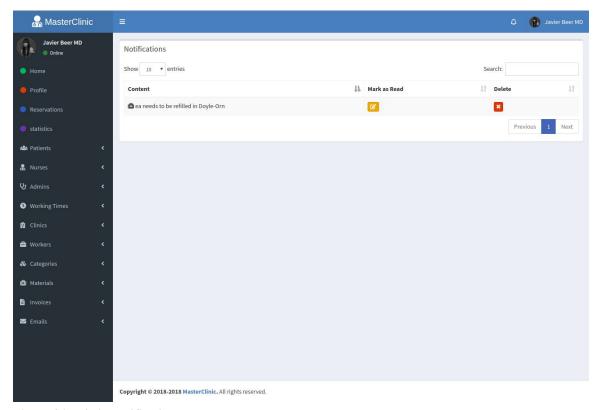


Figure 31: admin notification page

Nurse

Nurse is like a smaller version of the admin that can perform some of his functionalities. The only difference is that nurse can confirm reservations. Other than that all nurses functions are exactly as it's equivalent in the admin. Except for patient and patient file view as nurse can't send emails so email functionality is removed and it only can print or delete the file. Nurse also does have notifications.

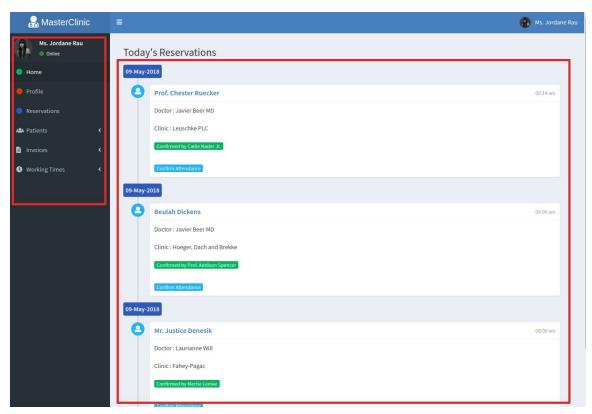


Figure 32: nurse home page

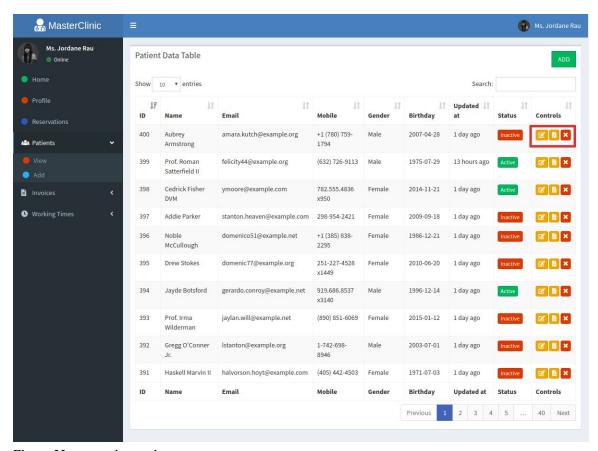


Figure 33: nurse view patients

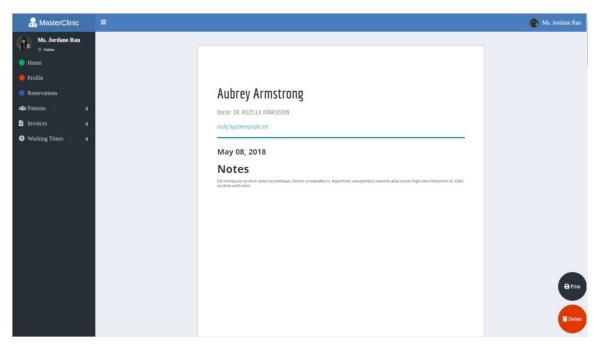
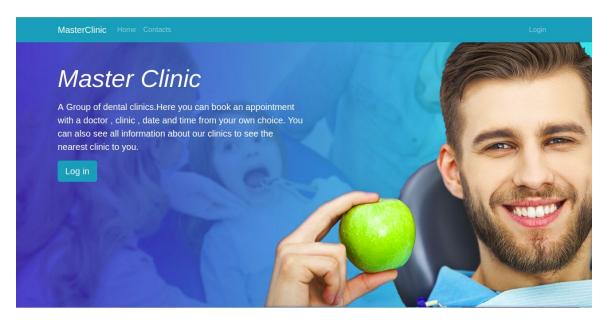


Figure 34: nurse patient file

Patient

patient view is far different from admin and nurse views especially in the UI. Patient view doesn't have a side navigation bar as his functionalities is very small enough to be all put in the navigation bar.

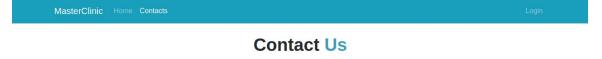


About Us

A Group of dental clinics. Here you can book an appointment with a doctor, clinic, date and time from your own choice. You can also see all information about our clinics to see the nearest clinic to you. We have the best doctors in Egypt, The best service ever.

Figure 35: patient index page before logging in

Before logging in the patient would have the previous figure that only contains a link for the login page and contacts page.



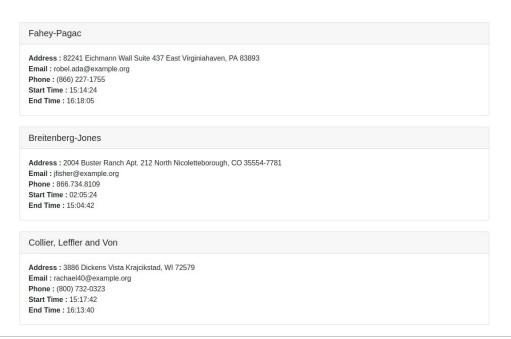
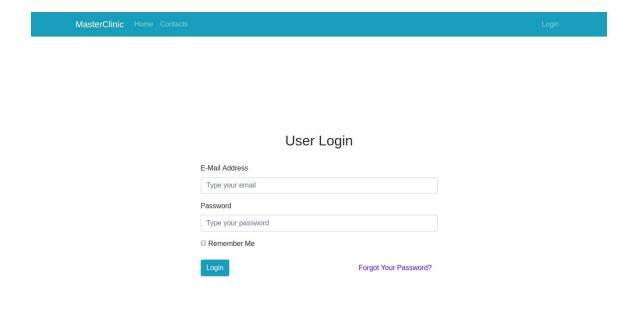


Figure 36: contacts page

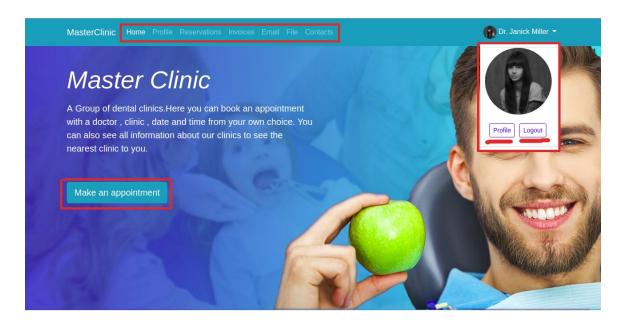
Contacts page would look like the previous figure which is a static page that contains a section for each clinic that contains contact info of the clinic.



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Figure 37: login page

Login page contains a form with two fields one email and one for password. the patient would enter the data and submit the form to login.



About Us

A Group of dental clinics. Here you can book an appointment with a doctor, clinic, date and time from your own choice. You can also see all information about our clinics to see the nearest clinic to you. We have the best doctors in Egypt. The best service ever.

Figure 38: patient home page

After logging in the patient is redirected to the home page which is the same as index page however some functionalities are added to it:

- 1. The navigation bar would have more links for patient functions.
- 2. A dropdown menu containing patient profile photo with a link to the profile and a link to logout
- 3. The login button in the index page is replaced with a link to make an appointment for quick usage

Navigation Bar Links

Home link is a link for the home page so it would give the same home page again if pressed.

Profile link would redirect to the patient profile page in which patient can update his profile data.

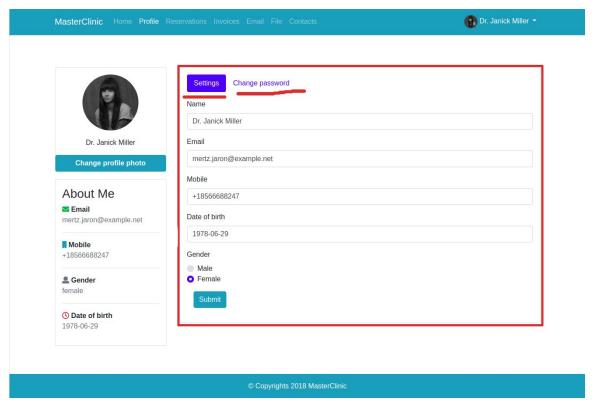


Figure 39: patient profile page

Reservation link would redirect to reservation history page that contains patient reservations history in which patient can review his reservations and update or delete any pending reservations. It also contains a link to make a new reservation exactly as the link in the home page.

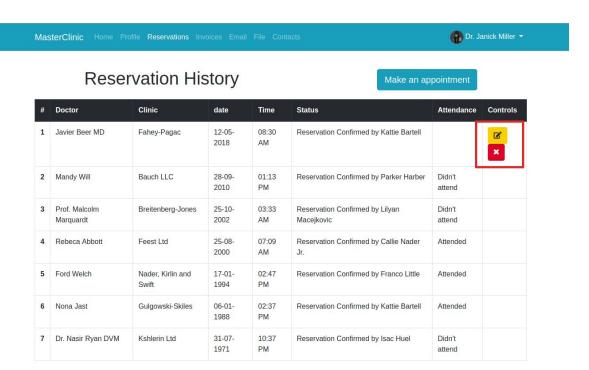


Figure 40: patient reservations page

Invoices is the same as reservation as it redirects to invoices history page, however patient can only print the invoice no update or delete functionality is available for the patient.

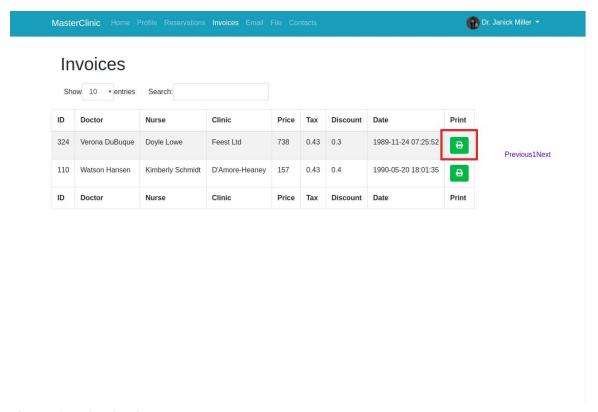


Figure 41: patient invoices page

Then we have the email link which redirects to the email page that contains a compose email page for sending emails for doctors.

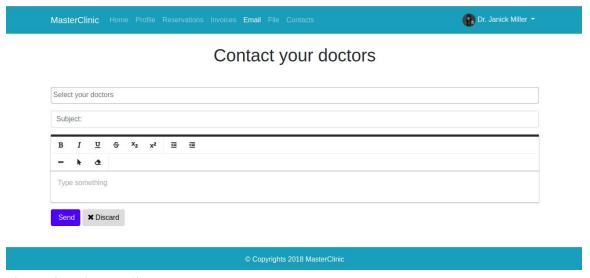


Figure 42: patient email page

File link is a link that redirects a page that is like the admin and nurse file view however no functionalities is provided at all patient can only view the file.



Figure 43: patient file page

The last link is the contacts link which redirects to the contacts page mentioned previously.

6. Troubleshooting

This is main problems you may face in running this application and its solution:

1. This site can't be reached

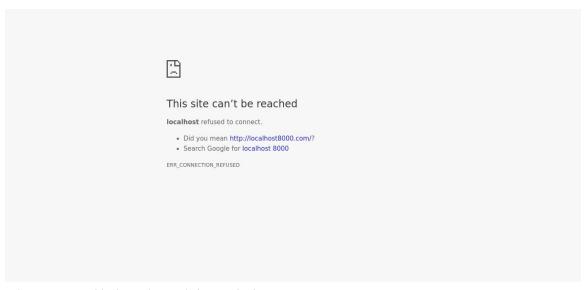


Figure 44: troubleshoot site can't be reached

This means that your server is not running so all you need is to run the server by opening terminal in project folder and type `php artisan serve`.

2. Check internet connection

Whoops, looks like something went wrong.

Figure 45: troubleshoot no internet connection

This is an error when any problem happen but if you try to send an email and you get this message that mean your internet connection is not established.

7. Points of Contact

For any problem or feedback you can send an email on one of these emails

- <u>hadymaher311@gmail.com</u>
- <u>abdomedono2014@gmail.com</u>
- rehamhy6@gmail.com
- aishamousa632@yahoo.com