

PROJECT REPORT
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“DOCTOR APPOINTMENT”

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CHAPTER 1

ABSTRACT

Life is becoming too busy to get medical appointments in person and to maintain a proper health care. The main idea of this work is to provide easy and comfort to patients while taking appointment from doctors and it also resolves the problems that the patients has to face while making an appointment. The project entitled as "**DOCTOR APPOINTMENT**" is web based application. It maintains records of patient, doctor, appointment and schedule. It maintains two levels of user, administrator level and user level. The user level includes the patients, who make service from the hospital and the doctors. The administrators are able to perform operations that contain different information about doctors and patient to ensure confidentiality. From make appointment, one can take appointment of a doctor and can see details of his appointment.

The proposed system has records of appointments and easy future references. The project has been developed in back-end: PHP, MySQL and front-end: HTML, CSS and JavaScript.

The main motto of my project is to facilitate the people to take appointments easily. It is also helpful for doctors to manage his schedule and appointments easily.

CHAPTER-2

INTRODUCTION

If anybody is ill and wants to visit a doctor for checkup, he or she needs to visit the hospital and waits until the doctor is available. . The proposed system is to make an online web based application for easily taking appointment of a doctor, so that everyone can get information about doctor's availability, time slot, and send request to any doctor for medicine. The project aimed at developing an online application for appointing a doctor. Users have to make appointment to take appointment of a doctor. Doctor has to logging in the system to see the appointments. The proposed system could be accessed from any corner of the world on net.

1.1 Objective of the project

Our modern age of technology is great depends on internet. Everything is converted to computer based for easier and faster communication. Here I tried to develop such systems, which will ensure some aspects.

- Reliability, maintainability, cost-effectiveness and a nicer user-friendly environment.
- The objective of the project is to provide an opportunity of getting doctor appointment easily.
- Proper management of appointments, securely stores all records.
- Save money and time.

1.2 Requirement Specification

Scope:-

The scope of the project is to enable to get appointment and also send message to the doctor. The project has a large scope as it has the following features which help in making it easy to use, understand and modify it:

- Easily take doctor appointment.
- No Need to do Paper Work.
- To save the environment by using paper free work.
- To increase the accuracy and efficiency of the procedure.
- Management of patient data.

The implementation of the application also gives a hands-on experience in PHP, MySQL, HTML, CSS, and JavaScript.

1.3 Problems of the Existing System

The main purpose of this Web Application is to handle doctor appointment easily among the hundreds of existing systems on World Wide Web.

- In various hospitals one has to take appointment by phone call or directly from the hospital. It is time consuming and costly.
- Hospital staff has to collect the information manually.
- It need paper work and takes input by humans there is a lot of transaction which is not efficiently done.
- It is prone to error.
- It is a time consuming activity of managing, updating and information specific patient information.
- It takes a lot of space for storages and other information.

CHAPTER 3

PROJECT DESCRIPTION

The “**DOCTOR APPOINTMENT**” is a web-based application structured on PHP, MySQL for providing better service and easiest access to appoint doctor. The System is operated by two types of user, namely Administrator, Patient where administrator is Doctor and user is Patient.

3.1 Proposed System

This projects used by two types of user

- i. Administrator(Doctor)
- ii. User (Patient)

The system includes the entities as admin. Only few members who called admin (doctors) are able to control that system and able to view appointment. The admin (doctor) see the data or appointment by user name and password.

The second type of user, patient has limited data access. He can add information of his own. He can also see his appointments number and a message of confirmation after make appointment.

Main points are:-

- ❖ For patient
 - Add information in system.
 - Taking appointment of doctor.
- ❖ For Doctor
 - Set schedule.
 - View appointments.
 - View departments.

3.1 Features of Proposed System

Features of Proposed System as follows:

Patient Panel:

- 1. Add Information:** In this module patient can add information about him.
- 2. Appointment:** It is the most important module from where a patient can take doctor's appointment. One adds information about him in this. After adding information he can take appointment by "Submit" button. After pressing button he can see appointment number and date as well as time of the appointment.

Doctor Panel:

- 1. View Schedule:** Doctor can see all of his schedules.
- 2. Appointments:** Doctor can see all of his appointments. It is categorized by today, previous and next. He can also see serial no, name of the patient and time. He can also search for a specific date and departments.

CHAPTER 4

SYSTEM REQUIREMENTS

1. SOFTWARE REQUIREMENTS:

- **WAMP:** Microsoft Window OS, Apache MySQL PHP
- **LAMP:** Linux Operating System Apache MySQL PHP
- **MAMP:** Mac OS Apache MySQL PHP
- **XAMPP:** X-OS (Cross Operating System) Apache MySQL PHP
- **VISUAL STUDIO CODE:** Visual Studio Code is a Source-Code Editor developed by Microsoft for Windows, Linux.

2. HARDWARE REQUIREMENTS:

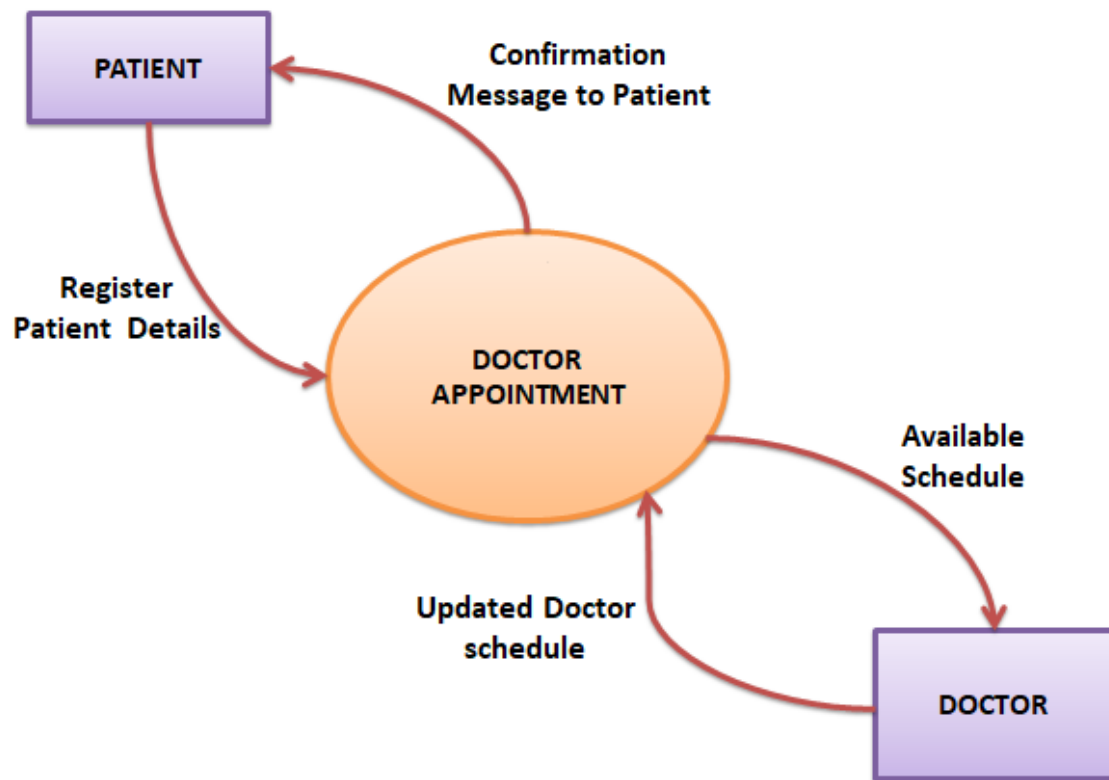
- **PROCESSOR :** Intel(R) Core(TM) i3-4005U CPU @ 1.70GHz
1.70 GHz
- **RAM :** 4.00 GB
- **SYSTEM TYPE :** 64-bit Operating System, x64-based processor

3. DATABASE REQUIREMENTS: MySQL Server 5.0 is recommended Included in XAMPP Windows.

4. WEB SERVER: apache HTTP Server2.2 is recommended Included in XAMPP Windows.

CHAPTER 5

DATA FLOW DIAGRAM

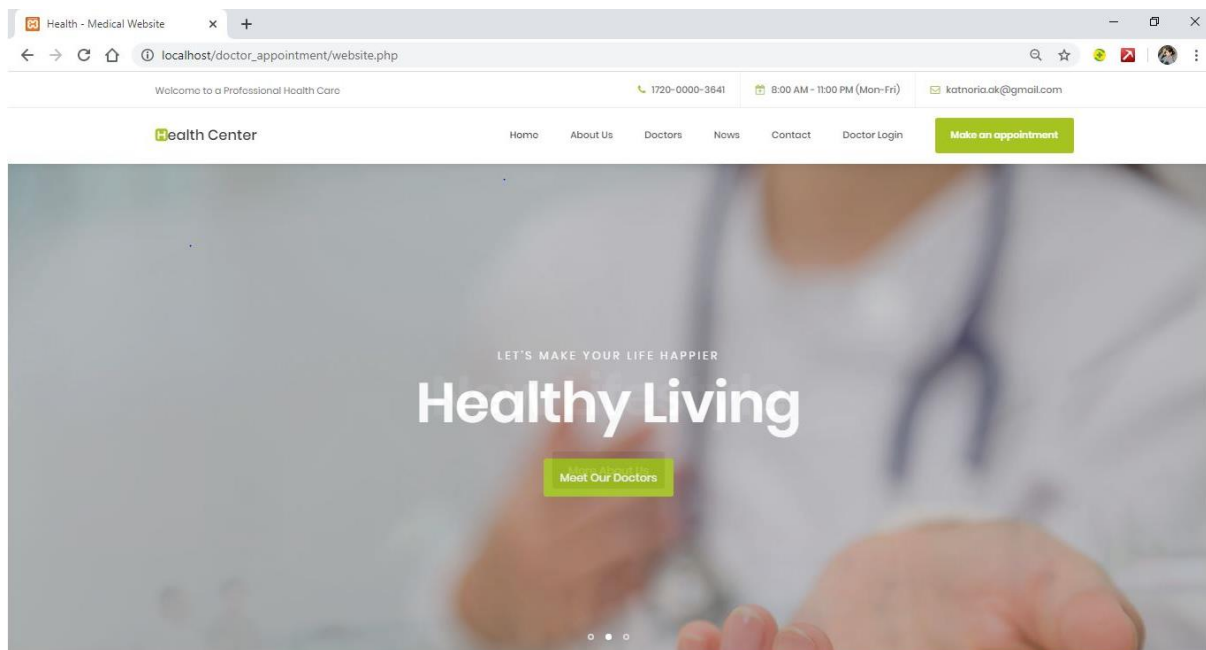


CHAPTER 6

PROJECT WORKING

1. HOME PAGE:

This is the front page of the website. In this page we have many things like HOME, ABOUT US, DOCTORS, NEWS, DOCTOR LOGIN, and MAKE AN APPOINTMENT.



2. MAKE AN APPOINTMENT:

In this patient add information and make an appointment. In this patient add NAME, AGE, EMAIL, SELECT DEPARTMENT, PHONE NO., MESSAGE and DATE for which patient want to book.


Health - Medical Website

localhost/doctor_appointment/website.php

Health Center

Home About Us Doctors News Contact Doctor Login **Make an appointment**

Make an appointment



Name

Full Name

Age

years

Email

Your Email

Select Date

05/08/2020

Select Department

General Health

Phone Number

Phone

Additional Message

Message

Submit Button

3. ADD INFORMATION:

It is a screenshot of the data that patient add in make an Appointment.

Make an appointment

Name

ajay

Age

20

Email

katnoria.ak@gmail.com

Select Date

05/21/2020

Select Department

Ophthalmology

Phone Number

78945665470

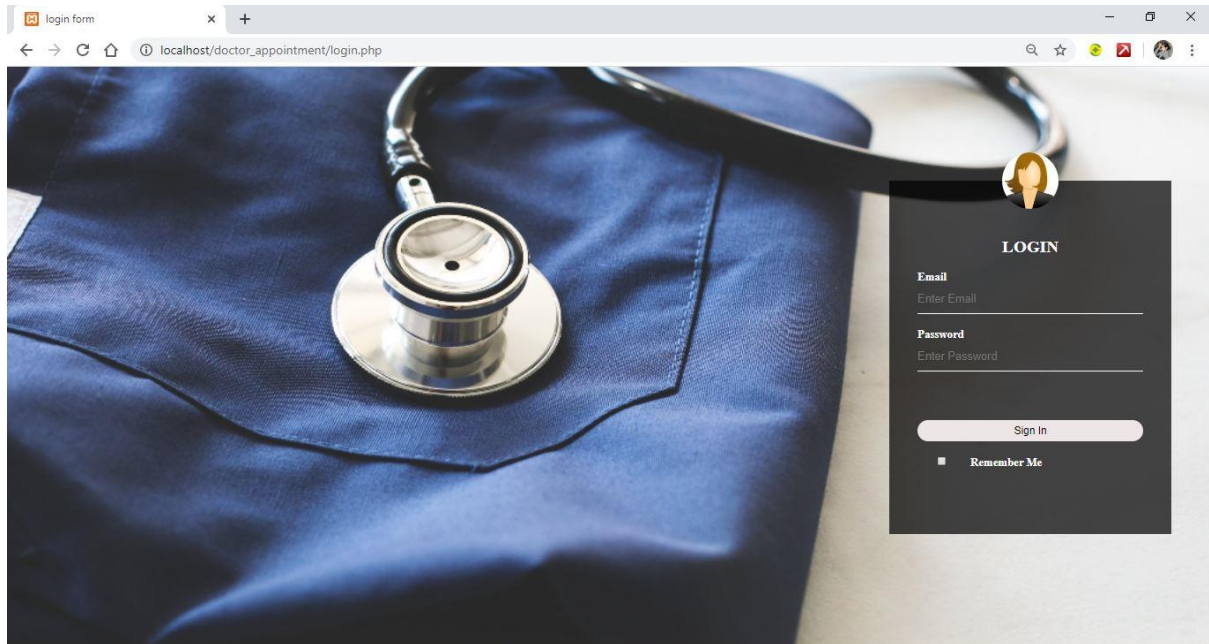
Additional Message

pain

Submit Button

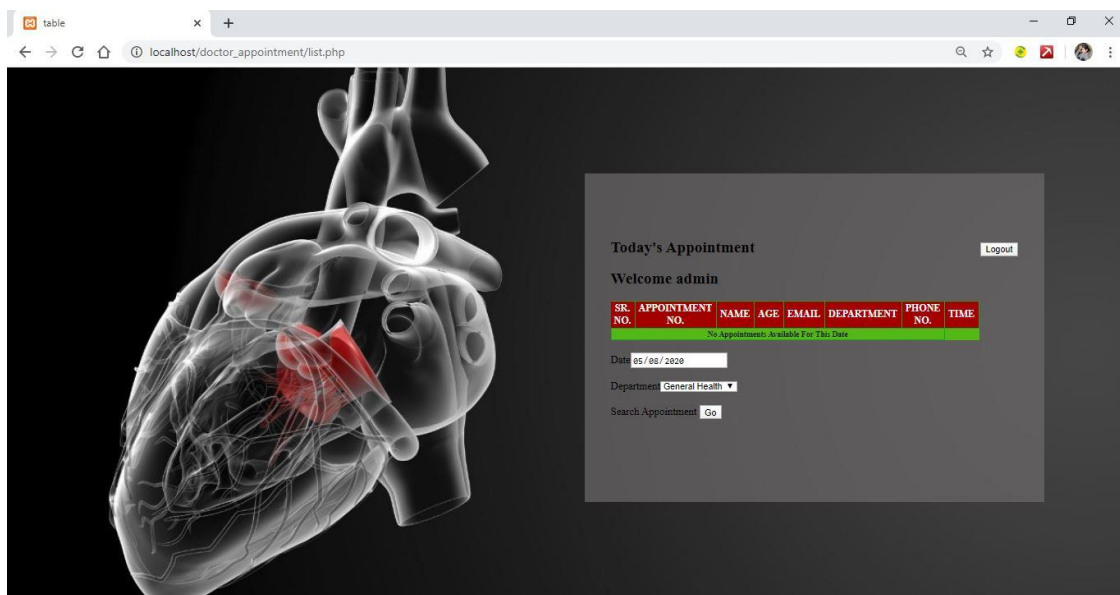
4. DOCTOR LOGIN PAGE:

This is DOCTOR LOGIN PAGE. To login in doctor page the email-id is **admin@gmail.com** and password is **123456789**.



5. SEE APPOINTMENTS:

After login we can see the appointments of the every date and every department.



In below picture we can see the appointments with name, serial no and etc.

Today's Appointment

Logout

Welcome admin

SR. NO.	APPOINTMENT NO.	NAME	AGE	EMAIL	DEPARTMENT	PHONE NO.	TIME
1	9621549345	harann	25	harman@gmail.com	Dental	1245787845	10:00 am
2	7858629965	simar	22	simar@gmail.com	Dental	2147483647	11:00 am
3	2232206310	saimi	23	saimir@gmail.com	Dental	2147483647	12:00 Noon

Date05/09/2020

DepartmentGeneral Health ▾

Search AppointmentGo

CHAPTER 7

FUTURE SCOPE

- We can give more advance software for Doctor Appointment including more facilities.
- Billing of patients.
- Blood Bank Information Management.
- Add more Departments.
- Give confirmation by email and phone

CHAPTER 8

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