

# **Project Report**

**On**

**Appoint Us**

*Submitted in partial fulfillment of the*

*Requirement for the award of the degree of*

## **BACHELOR of Computer Applications**



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**Under The Supervision of**

**DR. S.Srinivasan:**

**Submitted By**

**Parth Pandey (18SCSE1010690)**

**Bishal Ale Magar (18SCSE1010659)**

**SCHOOL OF COMPUTING SCIENCE AND ENGINEERING DEPARTMENT OF COMPUTER  
SCIENCE AND ENGINEERING**

**GALGOTIAS UNIVERSITY, GREATER NOIDA**

**INDIA**

**MONTH, YEAR**



**SCHOOL OF COMPUTING SCIENCE AND ENGINEERING  
GALGOTIAS UNIVERSITY, GREATER NOIDA**

**CANDIDATE'S DECLARATION**

I/We hereby certify that the work which is being presented in the thesis/project/dissertation, entitled "**APPOINT US**" in partial fulfillment of the requirements for the award of the B.tech submitted in the School of Computing Science and Engineering of Galgotias University, Greater Noida, is an original work carried out during the period of month, Year to Month and Year, under the supervision of Dr.S.Srinivasan Designation, Department of Computer Science and Engineering/Computer Application and Information and Science, of School of Computing Science and Engineering , Galgotias University, Greater Noida

The matter presented in the thesis/project/dissertation has not been submitted by us for the award of any other degree of this or any other places.

This is to certify that the above statement made by the candidates is correct to the best of my knowledge.

Dr.S.Srinivasan

Supervisor Name

Designation

**CERTIFICATE**

The Final Thesis/Project/ Dissertation Viva-Voce examination of Parth Pandey and Bishal Ale Magar has been held on \_\_2<sup>nd</sup> December to 5<sup>th</sup> December and his/her work is recommended for the award of btech-

**Signature of Examiner(s)**

**Signature of Supervisor(s)**

**Signature of Project Coordinator**

**Signature of Dean**

Date: November, 2013

Place: Greater Noida

## **Abstract**

**Technology is playing a very important role in education in current scenario. It has been growing rapidly specially since COVID-19. Appoint Us is an appointment technology delivered electronically; it can also include performance support content. It helps organizations to make appointment with people. Appoint Us presents an entirely new and easy appointment environment for people. To access, we need only good internet with 1-2 mbps speed and a smart phone or laptop etc . The design and development of Appoint Us system is a critical part of the human development as it reflects on the usage of the system. The proposed of Appoint Us is designed using off-the-shelf and open-source software engineering model and programming tools and database models. The system is tested to prove the new design concepts and features. The method used in the back-end and front-end design and implementation allows flexible usage and integration of the Appoint Us systems by the different institutions in smart cities**

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### **Acronyms**

B.Tech.	Bachelor of Technology
M.Tech.	Master of Technology
BCA	Bachelor of Computer Applications
MCA	Master of Computer Applications
B.Sc. (CS)	Bachelor of Science in Computer Science
M.Sc. (CS)	Master of Science in Computer Science
SCSE	School of Computing Science and Engineering

## **CHAPTER-1 Introduction**

### **1.1Introduction**

A Appointment based system where you can get your or scheduled your appointment in whichever organizations or institutions like offices, companies, hospital, dental clinic , auto repair shops, parlour, hair cut shops etc from wherever you are. Appoint us helps people to save their time and money. They don't have to stand in queue to wait for their turn. They can just scheduled their appointment and go in their mentioned dates. Earlier, it was not accepted wholeheartedly as it was assumed that this system lacked the human element .However, with the rapid progress in technology and the advancement in human development, it is now embraced by the masses. The introduction of computers was the basis of this revolution and with the passage of time, as we get hooked to Smartphone's, tablets, etc, these devices now have an importance role in future development. Knowledge can also be shared via the Internet, which is accessible 24/7, anywhere, anytime.



# HTML

The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by *tags*, written using angle brackets. Tags such as `<img />` and `<input />` directly introduce content into the page. Other tags such as `<p>` surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.

HTML can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.



# CSS

**Cascading Style Sheets (CSS)** is a style sheet language used for describing the presentation of a document written in a markup language such as HTML.<sup>[1]</sup> CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.<sup>[2]</sup>

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts.<sup>[3]</sup> This separation can improve content accessibility; provide more flexibility and control in the specification of presentation characteristics; enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, which reduces complexity and repetition in the structural content; and enable the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.<sup>[4]</sup>

The name *cascading* comes from the specified priority scheme to determine which style rule applies if more than one rule matches a particular element. This cascading priority scheme is predictable.

The CSS specifications are maintained by the World Wide Web Consortium (W3C). Internet media type (MIME type) `text/css` is registered for use with CSS by RFC 2318 (March 1998). The W3C operates a free CSS validation service for CSS documents.<sup>[5]</sup>

In addition to HTML, other markup languages support the use of CSS including XHTML, plain XML, SVG, and XUL.

**CSS**



## JAVASCRIPT

**JavaScript** often abbreviated as **JS**, is a programming language that conforms to the ECMA Script specification. JavaScript is high-level, often just-in-time compiled and multi-paradigm. It has dynamic typing, prototype-based object-orientation and first-class functions.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. Over 97% of websites use it client-side for web page behavior often incorporating third-party libraries. All major web browsers have a dedicated JavaScript engine to execute the code on the user's device.

As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

The ECMAScript standard does not include any input/output (I/O), such as networking, storage, or graphics facilities. In practice, the web browser or other runtime system provides JavaScript APIs for I/O.

JavaScript engines were originally used only in web browsers, but they are now core components of some servers and a variety of applications. The most popular runtime system for this usage is Node.js.

Although there are similarities between JavaScript and Java, including language name, syntax, and respective standard libraries, the two languages are distinct and differ greatly in design.



JavaScript

# JQUERY

**jQuery** is a JavaScript library designed to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animation, and Ajax. It is free, open-source software using the permissive MIT License.<sup>[4]</sup> As of May 2019, jQuery is used by 73% of the 10 million most popular websites.<sup>[5]</sup> Web analysis indicates that it is the most widely deployed JavaScript library by a large margin, having at least 3 to 4 times more usage than any other JavaScript library.

jQuery's syntax is designed to make it easier to navigate a document, select DOM elements, create animations, handle events, and develop Ajax applications. jQuery also provides capabilities for developers to create plug-ins on top of the JavaScript library. This enables developers to create abstractions for low-level interaction and animation, advanced effects and high-level, themeable widgets. The modular approach to the jQuery library allows the creation of powerful dynamic web pages and Web applications.

The set of jQuery core features—DOM element selections, traversal, and manipulation—enabled by its *selector engine* (named "Sizzle" from v1.3), created a new "programming style", fusing algorithms and DOM data structures. This style influenced the architecture of other JavaScript frameworks like YUI v3 and Dojo, later stimulating the creation of the standard *Selectors API*. Later, this style has been enhanced with a deeper algorithm-data fusion in an heir of jQuery, the D3.js framework.

Microsoft and Nokia bundle jQuery on their platforms.<sup>[8]</sup> Microsoft includes it with Visual Studio<sup>[9]</sup> for use within Microsoft's ASP.NET AJAX and ASP.NET MVC frameworks while Nokia has integrated it into the Web Run-Time widget development platform.



## 1.2 Formulation of Problem

The objective of this project is to develop an Appointment based websites that helps us to schedule our appointment with any companies or organizations in just a few seconds remotely through computer, mobile phones and other internet components. Different organizations, hospitals, offices, auto repair shops, dental clinic, schools, colleges etc will be kept. Irrespective of both will be benefitted.

### 1.2.1 Tool and Technology Used

In this Project we are going to develop an Appointment based websites. The major required tools

For developing the e-learning websites are open source software like sublime Text, visual studio code. Some of other programming tools and database tools like JavaScript, jquery and php may be required in later stages.

## Literature survey

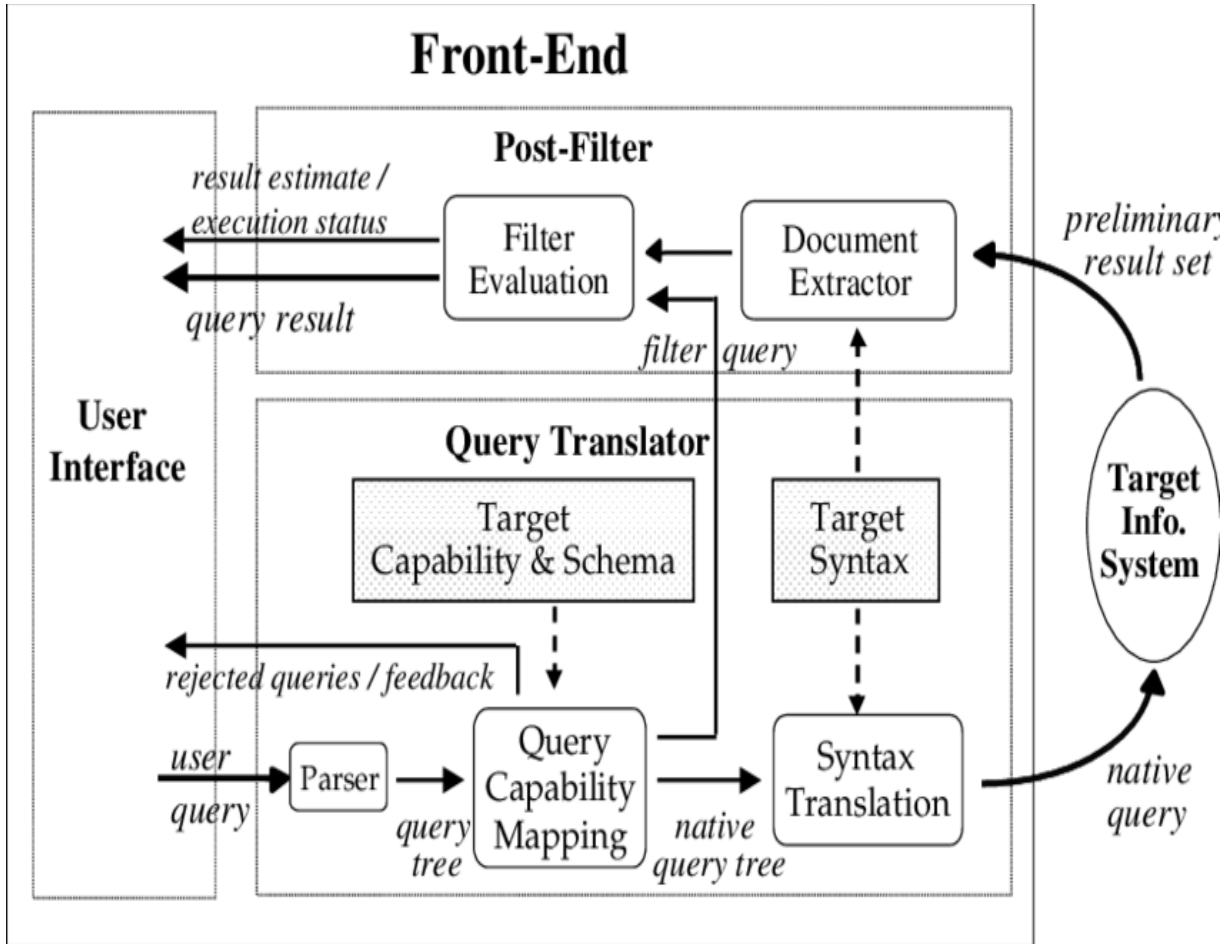
### Chapter 2

A Appointment based system where you can get your or scheduled your appointment in whichever organizations or institutions like offices, companies, hospital, dental clinic , auto repair shops, parlour, hair cut shops etc from wherever you are. Appoint us helps people to save their time and money. They don't have to stand in queue to wait for their turn. They can just scheduled their appointment and go in their mentioned dates. Examples of appointment based systems that have been widely adopted by various organizations are simplybook.me, appointy, calendly etc. Such systems provide innovative services for peoples to scheduled their appointment which helps in saving their time and money. Functionalities, such as creating modules to organize mini course information and learning materials or communication channels such as chat, forums, and video exchange, allow instructors and managers to develop appropriate training and knowledge exchange (Wang et al. 2011).

**System Design** is the process of designing the elements of a system such as the architecture, modules and components, the different interfaces of those components and the data that goes through that system.

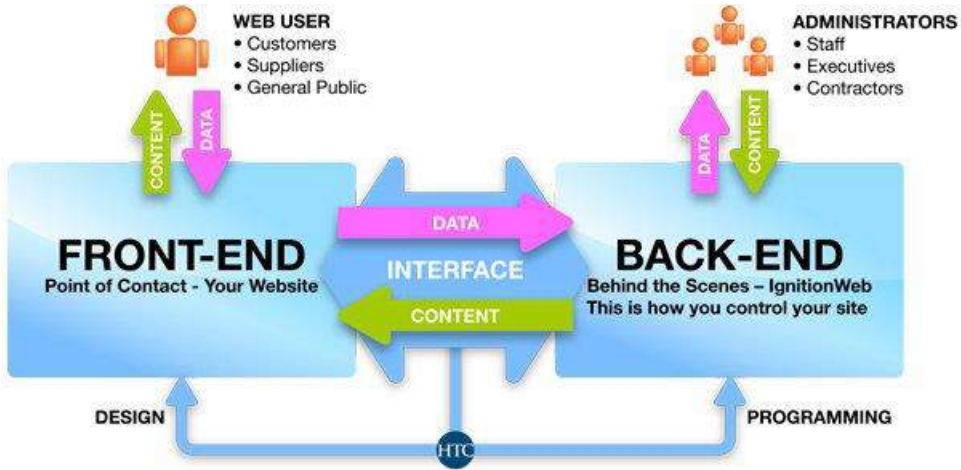
The purpose of the System Design process is to provide sufficient detailed data and information about the system and its system elements to enable the implementation consistent with architectural entities as defined in models and views of the system architecture.

While most frontend engineers don't need in-depth knowledge into designing



backend systems, you may be asked to design the frontend architecture of common applications

### WORKING OF FRONTEND





## ELEMENTS OF A SYSTEM

**Architecture** – This is the conceptual model that defines the structure, behaviour, and more views of a system. We can use flowcharts to represent and illustrate the architecture

Modules:

These are the component that handles one specific tasks in a system. A combination of a module makes up the system.

Components:

This provides a particular function a group of related function. They are group of related modules.

Data:

This is the management of the information and data flow.

## Chapter 3

### **Functionality of the project**

This project E-learn consists of six modules. They are home, about, people, organizations, review, contact. The page home gives a basic motto and objective of the websites as well as some basic details of the organizations that is required to you. The page about gives details introduction about our websites such as its objectives as well as the facilities it provides. The third module gives the access how people should follow the rules or cautions about our websites as there are some protocol.

The fourth module shows various information about the organizations available on our website of different fields. Likewise next page provides a user reveiw about our websites. This page mainly works for its trustership. Review guarantee a validness and social trust and the quality of the organizations facilities and functionality of our websites.

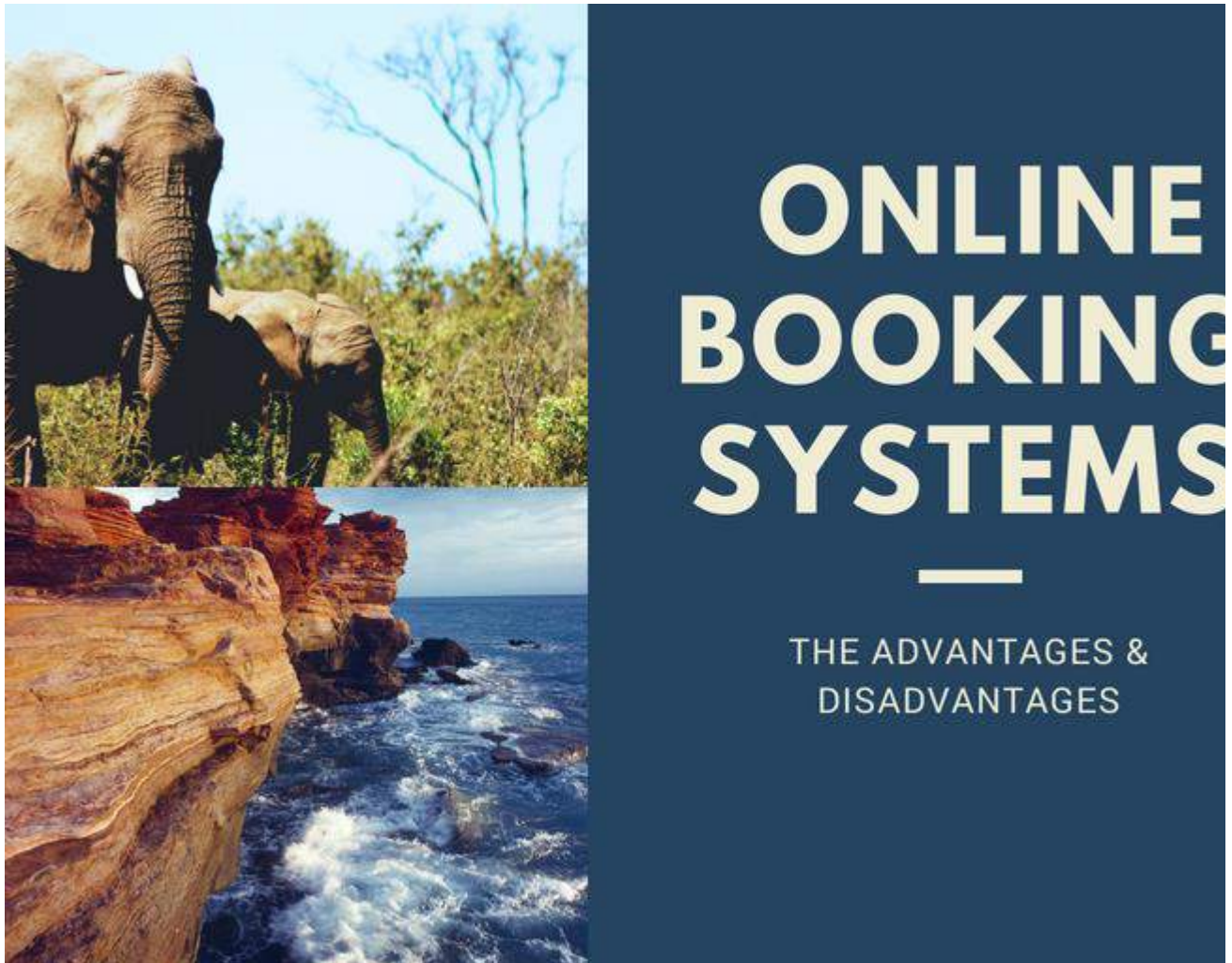
Last but no least there is a page for the contact information of the respective authorities of the websites.

## Chapter 4

### **Results and Discussion**

Appoint Us is not just a change of technology. It is part of a redefinition of how we as a species transmit knowledge, skills, and values to younger generations of workers and students. Moreover, due to COVID-19 people are afraid to talk to others so for that just scheduled your appointment and go to your certain places without fearing of standing on queue.

### **THE ADVANTAGES AND DISADVANTAGES OF ONLINE BOOKING SYS**



# TEMS

Online booking systems bring tour and activity business owners into the 21st century. And when you pair the technology with old-school customer service, your business gets an exciting edge for selling services and filling activities. But before you choose a provider, it's a good idea to consider the advantages and disadvantages of using an [online booking system](#) to make sure the software is right for you.

## **ADVANTAGES OF ONLINE BOOKING SYSTEMS**

### 1. YOUR BUSINESS IS OPEN AROUND THE CLOCK.

Customers who make a decision to book a tour or rental don't want to wait until you are in the office — they want to lock in the activity on their own schedule. Using an online booking system means that your business is open 24 hours a day, seven days a week.

### 2. YOU CAN MAXIMIZE RESERVATIONS.

Customers who book their own reservations are more likely to show up, making no-shows a thing of the past. If a customer does need to cancel, the spot automatically opens online, giving another customer the chance to book it. By maximizing your reservations, you won't leave unused activity spots or rentals on the table.

### 3. YOU GET PAID QUICKER.

With an online booking system, you can require customers to prepay for activities and rentals. This puts money into your pocket faster.

With an online booking system, you can require customers to prepay for activities and rentals. This puts money into your pocket faster and helps make sure that on the day of the event you don't have to worry about payment — giving you and your customers more time to have fun.

### 4. YOU'RE NOT TIED TO A PHONE.

If a customer calls a tour or activity company and gets routed to voicemail, they may call back later — or they may call their second-choice. Online booking means you capture more potential business because reservations and information are always available. It also means you won't get caught in a dreaded game of telephone tag.

### 5. YOU CAN EFFORTLESSLY UP-SELL ADD-ONS.

You can always add more guides, offer more activities, or expand your hours to grow your business, but all of those take work. By adding additional perks to your customers, you can [easily add extra](#)

[revenue for your business](#). Fun extras like photo packages or memorabilia, you can include options to these items in your online booking checkout.

## 6. IT'S EASY TO MANAGE YOUR CALENDAR.

Online booking systems allow you to check your reservations and availability wherever you are using any mobile device. You always know the status of your business, and your schedule can be easily managed from a convenient location.

## 7. YOU GET VALUABLE INSIGHT ABOUT YOUR BUSINESS.

An online booking system provides you with a dashboard of analytics that help you grow your business. Quickly determine your most popular sellers, the most requested time slots, or even the most popular add-ons by using an online booking system with robust insights. Take advantage of knowing what your customers want most — saving you time and money on offerings that don't help your business grow.

## **Disadvantages of Online Booking Systems**

### 1. YOU NEED INTERNET ACCESS.

If you run tours and activities in remote areas where you aren't able to get on the Internet, online booking might not be for you. You'll need reliable Internet access to check your reservations and to add bookings that are made online.

### 2. YOU NEED TO BE READY FOR AN INFLUX OF NEW CUSTOMERS.

Online booking software is a great way to attract new customers, many of whom prefer booking online from their computers and mobile devices. However, if you're running a small operation without enough staff members or resources to expand your activities, growing too quickly may pose a challenge.

### 3. NOT ALL ONLINE BOOKING SYSTEMS ARE CREATED EQUAL.

If you choose a provider that offers poor customer service or only a few features, an online solution might be frustrating — especially when you're ready to grow your business. It's important to do your homework upfront and choose an online booking system that is committed to supporting you and your business for the long haul.

### 4. AVOID BOOKING SYSTEMS THAT DON'T BRING YOU NEW QUALITY CUSTOMERS.

If you're going to invest in a new technology platform and take the time to train your staff, we recommend you choose a booking system that fits all of your business needs — including bringing

you a stream of new, high-quality customers. Some booking systems include distribution channels, but they may not attract quality customers who will give you great reviews and refer your business to friends. Make sure you do your research to find a booking system that guarantees a consistent stream of quality customers.

In case you aren't yet convinced, here are some key benefits of an online appointment system:

1. [CUSTOMERS CAN SCHEDULE SERVICES IN A FAMILIAR SPACE](#)
2. [APPOINTMENTS GO DIRECTLY INTO YOUR DIARY](#)
3. [QUICK AND EASY FOR CUSTOMERS](#)
4. [IMPROVES THE CUSTOMER SCHEDULING JOURNEY](#)
5. [CONVERTS NEW PROSPECTS EASILY](#)
6. [PEOPLE CAN ATTACH FILES OF THEIR ISSUE](#)
7. [REDUCES ADMIN TIME SPENT BOOKING JOBS](#)

# 7 CHALLENGES OF ONLINE BOOKING SYSTEM IN 2020

The online booking Industry constantly exploring new opportunities to evolve. With the evolution of online booking engines, it becomes crucial to standardize the online booking process. So, if you want to start an online booking business, you need to understand what challenges you can face in building a stable yet powerful online booking system.

## 1. SINGLE PLATFORM MULTIPLE BOOKING TYPES

If you are willing to sell multiple types of products or services on your store then, you definitely require an option to select the booking type as per your business requirement. Let's understand it with an instance.

Suppose you offer **Salon appointment booking service online** and **Make-up kits on rent**. So, you may get stuck in creating a single system that offers appointment bookings & rental bookings at the same time.

Now, it seems to be a challenge to develop an online booking system that offers multiple types of bookings on a single platform.

## 2. SLOT MANAGEMENT: CLOSE BOOKINGS

What if you are planning a vacation & want to prevent bookings on specific days? If this is the case, you definitely require a system that lets you close certain dates to avoid bookings on those dates.

Let's understand this with a live example:- Suppose you run an online hotel booking business. You want to close bookings for some of your rooms as the rooms need to be redesigned. So, this can only be achieved if your online booking system will have this feature to restrict bookings on specific days.

Other Examples:-

- You are going for a vacation & unable to provide salon service to your customers for 1 week. So, you can close bookings for 1 week.
- There seems to be a defect in your booking product & it will take time to get recovered in good condition. You can close bookings in this case as well.

### 3. BOOKING CANCELLATION OPTION FOR CUSTOMERS

It's always been challenging to manage online booking cancellations.

If you provide the booking cancellation option to customers, you will frequently receive tons of booking cancellation requests from the customers that are too complex to manage. On the other hand, if you will not provide the cancel booking option to your customers, you will be flooded with bookings or probably start receiving spams.

This may also result in a large number of no-shows if the customers find no option to cancel bookings.

Don't you think it's better to receive cancel or reschedule requests from customers rather than no-shows!

### 4. PRICE PER BOOKING: TIME SLOT MANAGEMENT

It's quite complex to manually set up a different price for each booking slot. In order to have a flexible price for each booking, your online booking system should be capable enough to show a different slot price of the same booking product on different dates. Let's understand it with a simple example.

**One Live example you might have observed:**– You see a little variation in the price of the movie tickets if you book the tickets on week-days and if you book them on weekends. This means that the booking service provided to you is the same but the slot price varies based on the slot you select.

#### **How is it profitable?**

People mainly prefer to watch movies on weekends. So, you can keep up the movie ticket price high for the weekend & earn more from each



booking.

## 5. MANAGE BOOKINGS VIA CALENDAR

Once your online booking business grows at a higher pace, it's become quite complex to manage tons of bookings. There, you need a booking calendar using which you can keep track of each booking in one place.

If your system is integrated with Google calendar, the customer will receive the Google calendar link on the confirmation of each booking. Thus, both you and your customers can manage bookings accordingly.

## 3 DRAWBACKS OF ONLINE APPOINTMENT SCHEDULING

When it comes to online appointment booking, the pros definitely outweigh the cons. For businesses, online booking systems provide various tools to stay on top of your appointments and get valuable insight into your business and performance overall. For the customer, it has made booking an appointment that much easier. There is no more need to call or email. An appointment can be booked within a minute.

However, like anything else in this world, advantages come with some disadvantages. This blog post will focus on some drawbacks that come with [online appointment scheduling](#). Let's dive in.



## **INTERNET CONNECTION**

To book an appointment online, you definitely need internet connection; be that on your phone or using a computer. In the case of no internet, you will be unable to do this. Of course, in today's day and age, this doesn't seem like a major issue, since we have access to the internet almost at all times. However, if the connection is absent for some reason, you will run into this complication.

For businesses, on the other hand, this could be a bit more problematic. If you lose access to the internet in the office, for example, you won't be able to see your bookings, cancellations, and what you have going on for the coming days. Here, we suggest that when you choose an internet provider, make sure that it is a reliable one that will give you the least amount of connection issues.

## **HIGH DEMAND**

When you provide the option for [online appointment scheduling](#), you open your doors to new customers. The easiness of booking an appointment online makes your service accessible to almost anyone. Depending on your business and how you market it, this can create a large influx of demand for your service. The result- a very large volume of bookings that need to be handled. As a business, this can be very overwhelming for you. This increase in demand may force you to expand your resources, hire new staff, upgrade your existing means, etc.

## **UNCERTAINTY**

An [online appointment scheduling](#) system can create uncertainty and confusion for your customers. The extent of uncertainty definitely depends on the type of services you provide. Here is an example. If you are a doctor and you allow your patients to book appointments via an online scheduling platform, you will have given them the option to choose which service they want from you. However, some patients may not be able to identify exactly what they need from you, which could force them to book the wrong

appointment type.

One way to avoid this is by providing a thorough enough explanation of exactly what you offer. This same example can be applied to any type of business, like a spa, salon, auto repair center, etc.

While online appointment scheduling can have some drawbacks, the benefits far outweigh the negatives. Using online scheduling software like FlexBooker can help streamline your appointment setting, make customer communication easy, and increase your number of bookings. To learn more about why you should integrate FlexBooker into your business, [schedule a free demo](#) with our team today!

## **Technical Description:**

The technology that are used are as follow:

### **Hyper Text Markup Language**

Hyper Text Markup Language (HTML) is the backbone of any website development process, without which a web page does not exist. Hypertext means that text has links, termed hyperlinks, embedded in it. When a user clicks on a word or a phrase that has a hyperlink, it will bring another web-page. A markup language indicates text can be turned into images, tables, links, and other representations. It is the HTML code that provides an overall framework of how the site will look. HTML was developed by Tim Berners-Lee. The latest version of HTML is called HTML5 and was published on October 28, 2014 by the W3

recommendation. This version contains new and efficient ways of handling elements such as video and audio files.

# HTML



## CASCADING STYLE SHEETS (CSS)

Cascading Style Sheets (CSS) controls the presentation aspect of the site and allows your site to have its own unique look. It does this by maintaining style sheets that sit on top of other style rules and are triggered based on other inputs, such as device screen size and resolution.



## JAVASCRIPT

JavaScript is an event-based imperative programming language (as opposed to HTML's declarative language model) that is used to transform a static HTML page into a dynamic interface.

JavaScript code can use the Document Object Model (DOM), provided by the HTML standard, to manipulate a web page in response to events, like user input.

Using a technique called AJAX, JavaScript code can also actively retrieve content



JavaScript



# **BOOTSTRAP**

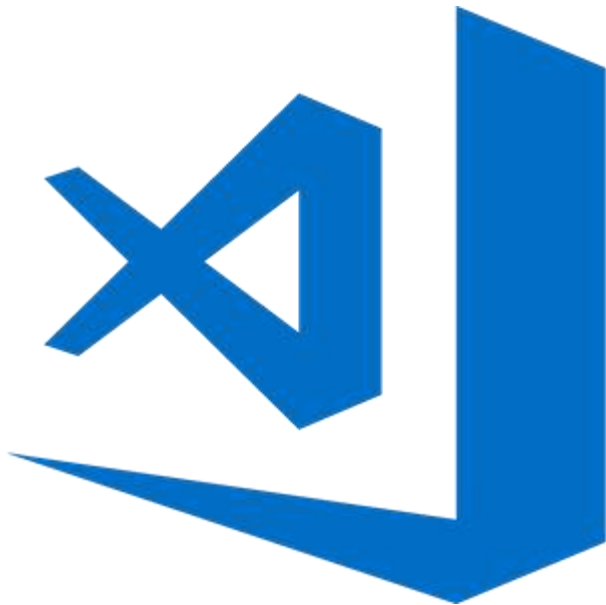
Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.



**Bootstrap**

## VSCODE EDITOR

Visual Studio Code is a source-code editor made by Microsoft for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git.



## PHP(HYPertext PREPROCESSOR)

PHP is a general-purpose scripting language geared towards web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group. The **PHP Hypertext Preprocessor (PHP)** is a programming language that allows web developers to create dynamic content that interacts with databases. PHP is basically used for developing web based software applications.



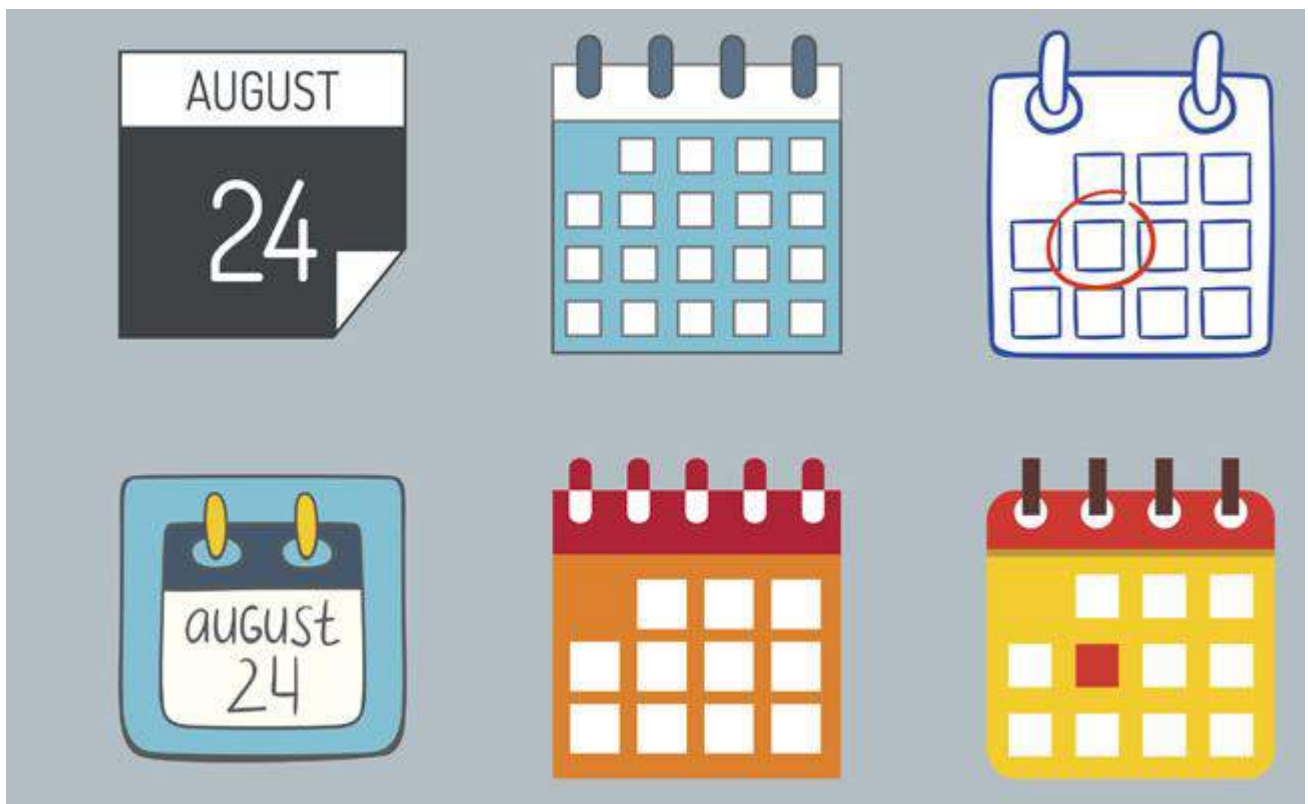
## XAMPP

XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.



## OVERCOMING CHALLENGES OF ONLINE APPOINTMENT SCHEDULING ADOPTION

AS ORGANIZATIONS ADOPT ONLINE APPOINTMENT SCHEDULING TOOLS, THEY MUST FOCUS ON CHANGE MANAGEMENT AND SYSTEMS THAT IMPROVE PATIENT EXPERIENCES.



Online appointment scheduling software has emerged as a prominent patient engagement technology that improves practice efficiency and patient experiences. Critical to installing these tools is a clear idea of organizational needs, effective change management, and a plan for provider buy-in.

As healthcare has become more consumer-centric, healthcare organizations have begun tapping online appointment scheduling tools to support their businesses.

Looking to the promise of improved patient experiences, bigger patient bases, and increased patient retention, the New York-based CareMount Medical turned to digital appointment scheduling to meet his needs.

Appointment scheduling software provides customers with a portal to book an appointment online, and enables businesses to track and manage those appointments.. This software enables businesses to schedule appointments, view calendars, print schedules and forms, customize schedules, and enforce scheduling rules. Additional features can include: built-in, automated emails (reminders, follow-ups, cancellations, rescheduling, etc.) and/or notifications, online payment for services, custom profiles, and calendar integrations. These tools are used by a variety of business segments, such as health and wellness professionals, salon and beauty professionals, professional service providers, and medical professionals. Online scheduling software can integrate with content management systems, [website builders](#), [email software](#), and [calendar software](#), among others.

To qualify for inclusion in the Online Appointment Scheduling category, a product must:

Have a scheduler that can be viewed, managed, and edited by administrators and multiple users

Provide multiple calendar views by user

Gather contact information for appointment-makers

Send appointment notifications to customers

## **SIGNIFICANCE OF THE STUDY**

The significance of this study is to help and give benefits to students, staff and school management of knowing what appointment system is all about and the problems found in appointment.

## **LIMITATION OF THE STUDY**

- Unavailability of academic materials.
- Transport problem
- Lack of financial support
- Lack of Time
- Unavailability of programming software such as php and SQL.

## **SCOPE OF THE STUDY**

This research work will concentrate on creating new appointment, and other details will be viewed for entry by the student as the case may be, with a case study of UNITECH HOSPITAL.

## **ASSUMPTION OF THE STUDY**

During the process of data collection, information relating to Appointment Management System was obtained from the Internet ([www.wikipedia.com/appointment](http://www.wikipedia.com/appointment)). The information was collected during the course of my industrial attachment. Hence, it is assumed that all the data collected are correct and contains no false information.



## DEFINITION OF TERMS

- **UNITECH:** Is an abbreviation which stands for University of Technology.
- **Appointment:**an arrangement to meet someone at a particular time and place. E.g.: "she made an appointment with my receptionist".
  - **Management:** It is the co-ordination of all the resources of an Organization through the process of planning, Organization, directing and controlling
  - **System:** Physical component of a computer that is used to perform certain task.
  - **Data:** Numbers, Text or image which is in the form suitable forStorage in or processing by a computer, or incomplete information.
  - **Information:** A meaning full material derived from computer data by organizing it and interpreting it in a specified way.
  - **Input:** Data entered into a computer for storage or processing.
  - **An emergency** is a situation that poses an immediate risk to health, life, property, or environment.
  - **Output:** Information produced from a computer after processing.
  - **Information System:** A set of interrelated components that collect (or retrieve), process, store and distribute information to support decision making and control in an organization.
  - **COMPUTER:-**Computer is an electronic device that accepts data as Input, processes data and gives out information as output to the user.
  - **SOFTWARE:-**Software is set of related programs that are designed by the manufacturer to control the hardware and to enable the computer perform a given task.
  - **HARDWARE:** - Hardware is a physical part of a computer that can be touched, seen, feel which are been control by the software to perform a given task.

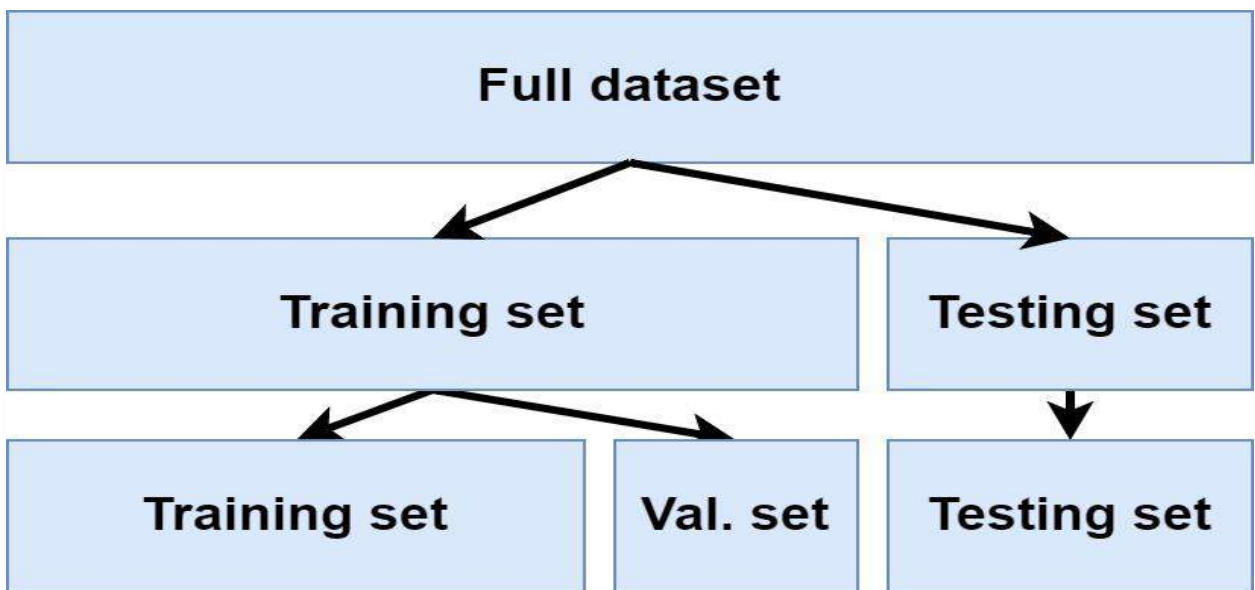
- **DATABASE:** - Database is the collection of related data in an organized form.
- **PROGRAMMING:** - programming is a set of coded instructions which the computer understands and obeys.
- **TECHNOLOGY:** - Technology is the branch of knowledge that deals with the creation and use of technical and their interrelation with life, society and the environment, drawing upon such as industrial art, engineering, applied science and pure science.
- **Algorithm :** A set of logic rules determined during the design phase of a data matching application. The 'blueprint' used to turn logic rules into computer instructions that detail what step to perform in what order.
- **Application:** The final combination of software and hardware which performs the data matching.
- **Data matching database:** A structured collection of records or data that is stored in a computer system.
- **Data cleansing:** The proactive identification and correction of data quality issues which affect an agency's ability to effectively use its data.
- **Data integrity :** The quality of correctness, completeness and compliance with the intention of the creators of the data i.e 'fit for purpose'.

## **Project Outcomes**

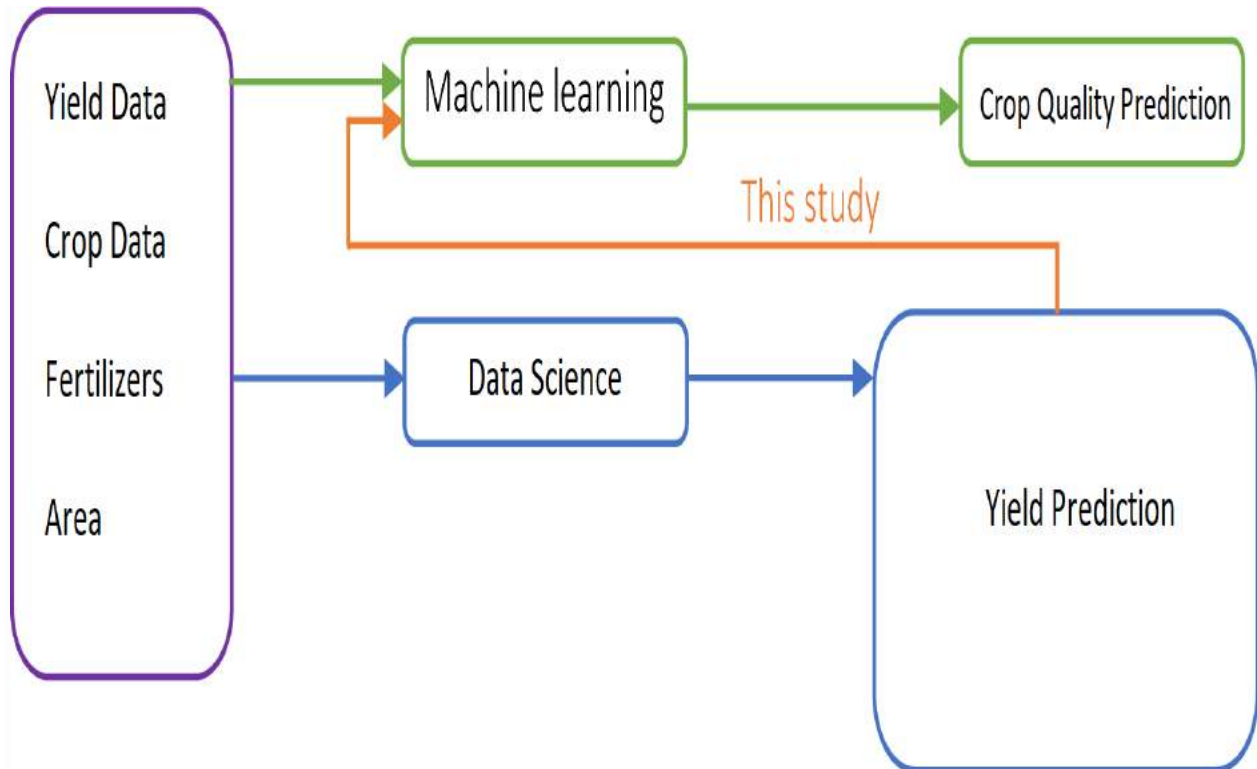
The outcomes of our Project are:

- (i) A websites based on Appointment concept will be built. People can choose and get to know more details of that certain organizations.
- (ii) Different organizations, hospitals, offices, auto repair shops, dental clinic, schools, colleges etc will be kept. Irrespective of both will be benefitted.
- (iii) Improvement of the previous research.
- (iv) Research Paper

**Dataset Handling**



## WorkFlow Diagram



## WAYS TO MAKE APPOINTMENTS

- **USING THE TELEPHONE**

You can make appointments as explained in the previous section by telephone prospecting. You may need to go through a number of stages before an appointment becomes appropriate. This may require a number of telephones follow-ups, and the provision of information about your product or service.

### Networking

Appointments can also be made when you meet a potential prospect at a networking event, business conference or exhibition. A brief exchange with someone may create an opportunity to suggest a further more private conversation discuss their needs in more depth. This can be kept casual and informal initially.

- **USING APPOINTMENT BOOKING SOFTWARE PROGRAMS**

An appointment booking software is a clever scheduling system which allows you to manage your appointments online. It lets you invite your prospects to book the service, with a specific staff member, and the time that works for them and you. Simply, show your available times on the calendar seen by prospects, and they can choose one.

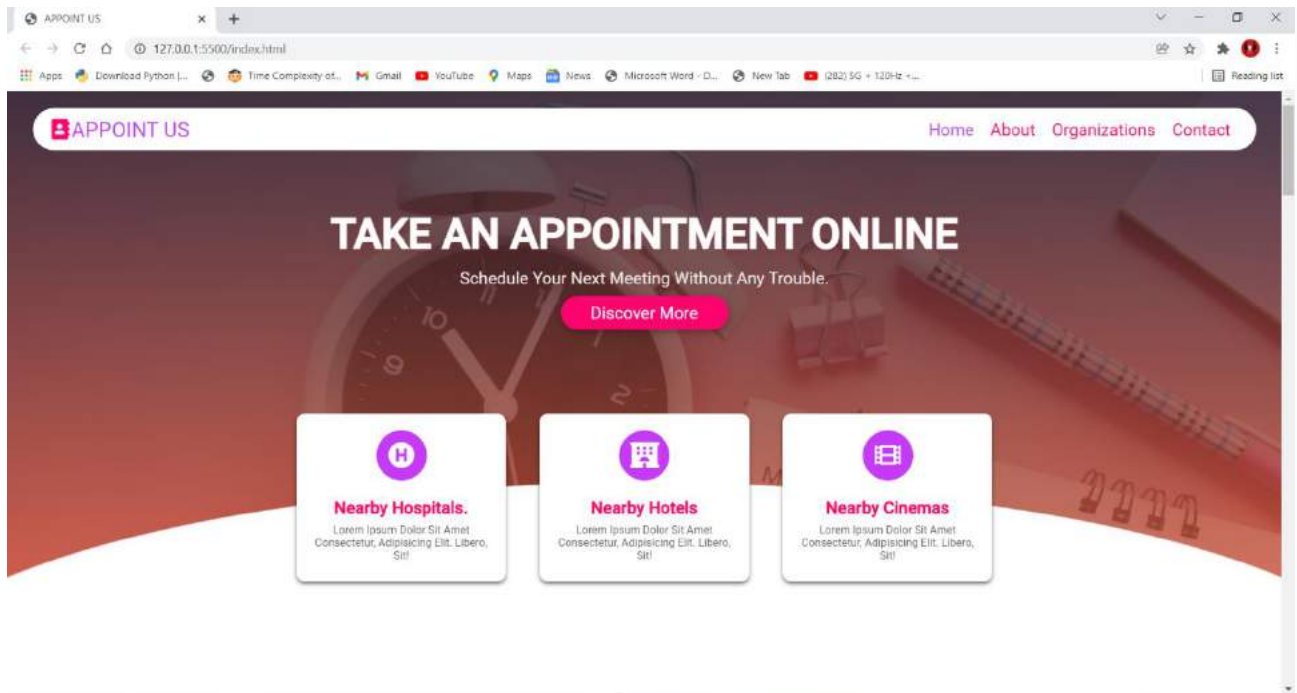
By making online appointments, you can manage your appointments, clients and other aspects of your business from home or anywhere where you have internet access. So, you can save more time and energy managing all the appointment stuff online (as entrepreneurs are busy handling several different tasks at the time). As your prospect would forget the meeting, a

reminder can be sent to their mailbox so you would not miss an appointment.

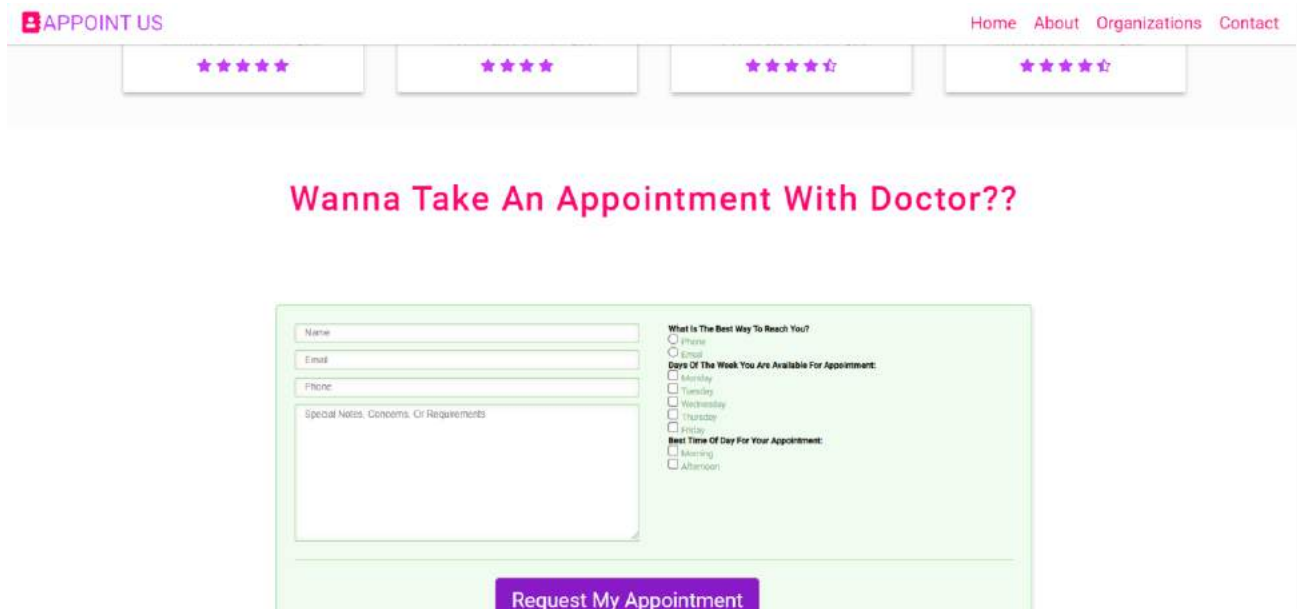
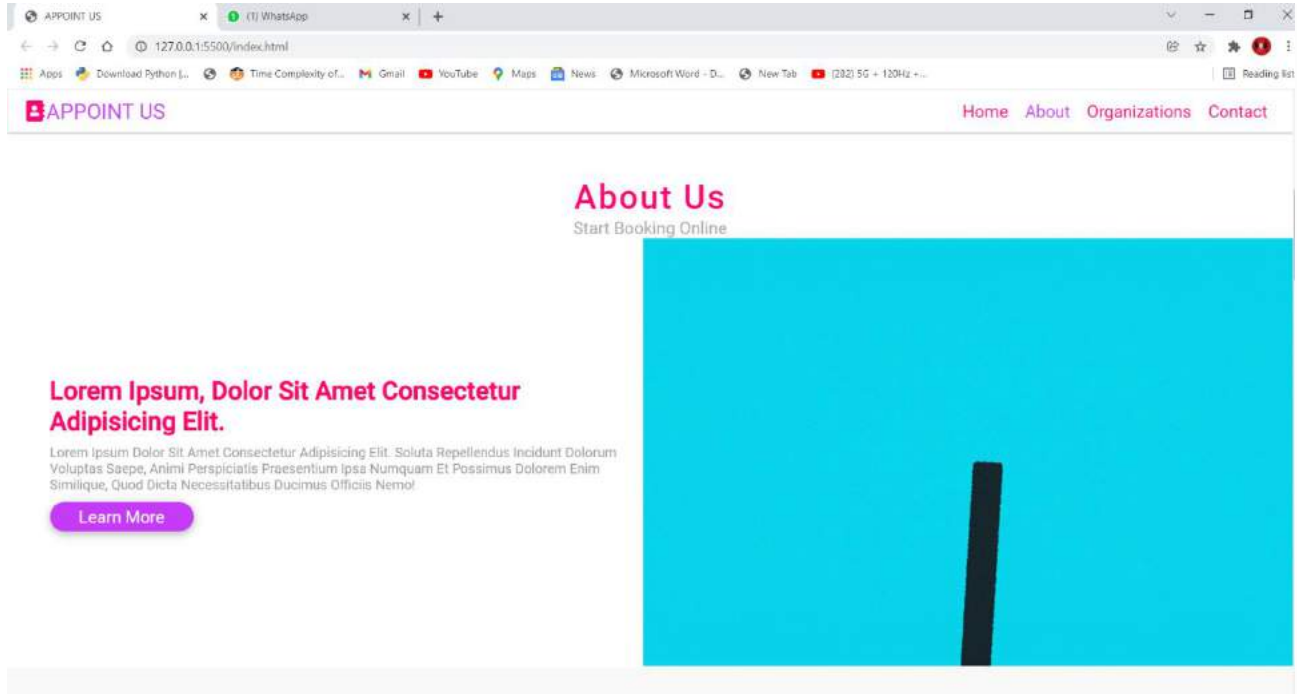
- **ENTICE WITH THE OFFER OF A FREE CONSULTATION**

The offer of a free consultation, product demonstration or business health check can be a way of giving your prospect something of value with no pressure to buy. This can motivate them to see you face to face. Having created this opportunity, you can start to build a relationship with them. Not all the people who take up the free consultation become clients immediately. It does, however, start a relationship with a potential client which could lead to further business in the future.

## Chapter 5 Conclusion and future scope:







## **Conclusion**

Appoint Us is not just a change of technology. It is part of a redefinition of how we as a species transmit knowledge, skills, and values to younger generations of workers and students. Moreover, due to COVID-19 people are afraid to talk to others so for that just scheduled your appointment and go to your certain places without fearing of standing on queue.

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