**Appointment Booking Website**

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**Appointment Booking Website**

 

**Introduction:**

Why online Scheduling? Fast and Simple, another of the reasons to use online customer appointment scheduling is to make scheduling fast and simple. This eliminates missing information and extra phone calls to customers to fill in the blanks. The time your staff spends completing these tasks could be used on more important projects.

**Possible Names:**

The application name is not important at this stage and it is not specific and may be determined later, but these are some suggestions; (UMKC Tutoring, Online Tutoring, Easy Tutor).

**Significance of Project:**

This application simplifies the process of make an online appointment via website booking with WordPress. Also, it's helpful for any kind of business such as: Coaches, Trainees, Tutors, Lawyers, Barbers, Spa, Consultants, Doctors, … etc. Users will be able to an online appointment directly with no phone call or waiting for long rows.

**Features:**

* Simplicity of use.
* Totally Cloudy Website.
* Synchronous with calendar, & calendar reminder.
* Auto user creation when making an appointment.
* Displaying the state of booking.
* Compatible with both browser and mobile.
* Display available and non-available date with time.
* Online payments
* Cancel option: booking or payment.
* User booking history.
* E-mail option; Send / receive.

**Motivations:**

Why Online Appointment Scheduling, here a list of some real motivations encourages us to pick this specific project and fits for cloud computing project:

1. Decreasing Missing Appointments.

2. Cheaper, Prices already displayed.

3. Reducing of Costs & Errors.

4. Easy Reading Reports.

5. Fast & Simple Booking

6- Online Payments.

7- Schedule Flexibility.

8. Access anytime (Easy Access 24/7).

9. Display site info dynamically.

**Stretch Goals (Processing steps):**

1- Hosting domain (Picking Cloud platform).

2- Create a website (create pages).

3- Design images (using Photoshop).

3- Developing the website (Coding)

4- APIs implementation (calling APIs).

5- Testing web (9 Major tests).

* + Functionality Testing
  + Test Forms
  + Test HTML and CSS
  + Usability testing
  + Interface Testing
  + Database Testing
  + Browser Compatibility Test.
  + Performance Testing:
  + Security testing (SSL & Payments):

6- Publishing the website.

**Possible API’s:**

Google Maps API - https://developers.google.com/maps/documentation

Google Calendar API - https://developers.google.com/calendar/overview

Outlook Calendar API - https://docs.microsoft.com/en-us/graph/outlook-calendar-concept-overview

**Possible Tech:**

Here is a list of some of the possible techniques that can be used to implement the project; (APIs, HTML, CSS, PHP, JavaScript , Python, SSL, WordPress, Adobe Photoshop, MySQL).

**References:**

1. <https://wordpress.com/>

2. [https://bloggdude.com/sg](https://www.youtube.com/redirect?redir_token=T3qjPNoahOwFHFwRgRr-Yd-7ESt8MTU4MTg4NDI3M0AxNTgxNzk3ODcz&v=X00fSgxgO4s&q=https%3A%2F%2Fbloggdude.com%2Fsg&event=video_description)

3. <https://cloud.google.com/storage/docs/hosting-static-website>

       If there is any reference link will by provide later in the final report.