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Appointment Handling Application - Project Report

In this Project I have Used the following technologies

HTML5

CSS

jQuery

JQuery.ui

JavaScript

Ajax

JSON

SQLite

Apache Web Server 2.4

ActivePerl (Perl 5.24.1)

Installation and File Configuration

I have installed Apache 2.4 as http Web Server and change some configuration on the conf/httpd..conf file.

1. I have changed the default page to appointment.html in
   <IfModule dir_module>

   > *DirectoryIndex appointment.html*

   </IfModule>

2. With Apache default configuration, Perl CGI scripts can only be executed in the CGI (./cgi-bin) folder. To run Perl CGI scripts in the HTML documents (./htdocs) folder, I made some configuration changes as described below:

- Open the Apache configuration file, \apache24\conf\httpd.conf, in a text editor.

- Add "ExecCGI" option to the HTML documents (./htdocs) folder setting:

<Directory "C:/apache24/htdocs">

Options Indexes FollowSymLinks ExecCGI

...

</Directory>

I have specified ExecCGI to be in the Options directive. Explicitly using Options to permit CGI execution.   *Options Indexes FollowSymLinks ------>Options Indexes FollowSymLinks ExecCGI*

3. AddHandler maps the filename extensions extension to the handler handler-name. This mapping is added to any already in force, overriding any mappings that already exist for the same extension.

 to activate CGI scripts and perl scripts with the file extension ".cgi",".pl",   I have added ".pl" option to the "cgi-script" handler setting

#AddHandler cgi-script cgi ----> AddHandler cgi-script .cgi .pl

Once that has been put into your srm.conf or httpd.conf file, any file containing the ".cgi" extension will be treated as a CGI program.

Web Files

I.   I have palced the web page files in Apache htdocs folder

II. The Home page (index page) is appointment.html

III. javascript/jQuery files are in scripts folder

IV. CSS files are placed in styles folder

I have downloaded the source files for jQuery ui for datetime picker and time pikcer and placed in the styles and scripts folders.

Perl Scripts

I have created two perl scripts(add_NewAppointment and search_SavedAppointment) and placed in htdocs folder.