Madison Insurance

Pluto x MadisonInsurance

Product Overview

To begin this documentation We must first understand the very basics of this program, in essence this program is just a way for an End User to interact with a database. **Need to get another API for email [COST 34/MONTHLY]** For updates of the tables every 2.5 months a script will be ran and if there's an error an email will be sent to me to fix. `<!--`

```
<!-- python parse.py -->
```

Update Times : **for an update for a complete server it will take 3-4 days where the user can not access the software but will have a backup.** Will soon look for different databases but as of right now there will be no need.

Basic Installation. Download XAMPP with the file and move the folder into HTDOCS. Go to Start APACHE Will have a .bat file for that

Access: WIll be on localhost/Pluto Put that on Browser instead of www.website.com put "localhost/pluto"

Usage Is Pretty Clear Have filters and I have 3 Quick Tables to access Information about database

Warning Search Feature will be extremely slow

Get Access To Gmail To implement Google Calendar And Twitter / Facebook?

Download Feature will be in csv file

A warning to the end user - Speed

As you know I am using mysql , When I started this project i didn't believe that we needed to query a millions rows worth of data so I used mysql, Problem 1 . To query and join multiple statements it will take a long time hindering the speed. I apologize for this and in the future I will be migrating this entire process to a faster database I.e Post, Nosql, Or oracle

Work Around

The way I will work around this is I am going to create 3 separate tables Named by the State NY, NJ,PA I will then have to Do a join statement and hope for fast speeds When i've done that the speed is 3.456 Seconds Query Time still slow

SELECT * FROM sales INNER JOIN insurance ON sales.name=insurance.name

For Insurance Name

One Click will have to get the name from the id and do a join statement to find out about the insurance name, the mod number information about location etc…

Speed for Web parser

Right now for the speed of the web parser I am creating it is really really f** slow 1minute per one row per table out of 11,820 tables I need I will need to decrease the speed by 4x to finish updates in a day time

Cronos Jobs

If you have made it this far you will need to know how I update things and keep stuff clean

I will have to do a cronos job or I was thinking that Scott or glenn press a button where they just update it when they want, When updating the software will be out of commission for 2 days .

Update and how it works

The way the update will work is first it will clear all data in the database , and leave the tables blank . Then it will download the necessary files from the places I.e SMS and NJCRIB for insurance. Then once download has been completed it needs to run a parser that will then

update all 1.7 millions rows to the database and also update for cms which contains all data and insurance then it will run modification update where the web scraper will do its thing. Now if at any time an error occurs I will get an email (still working on how to do that) I really need to get another database mysql is way too slow.

Database Configuration

Now this is where stuff gets weird, The ideal website will only have 3 tables table for sms table for insurance name and table for mod numbers Advanced Join queries will be done and completed need to learn POSTGRESQL Very Soon

Download Package

This download package will include a copy of xampp and all my web parsers. OHHH just remembered needs a version of python to be downloaded

Packages include csv, selenium mysql.connector for it to work properly.

Computer Configuration

For the computer to be configured it needs to be always on it needs to have always access to teamviewer it needs to never shutdown it needs constant update and XAMPP Needs to be on the entire local network

The End Thats it for now!!! Hope you enjoy