Women Governance Intelligence

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Abstract- *There are so many government and NGO'S schemes available on website for women, babies for their education, health and financial help.For our project we use many government schemes and many other websites that especially purposed for financially helping women and girl students. After applying data scrapping, data crawling, data filtering algorithm on those website's data we are developing a portal. Web scraping is very imperative technique which is used to generate structured data on the basis of available unstructured data on the web. Scraping generated structured data then stored in central database and analyse in spreadsheets.*

Using this user can easily find particular website as per their need. Using this project user can utilize their time in browsing scheme.

Keywords- Web mining, Information extraction, Web scraping, Data crawling, Data filtering Design with Flask, python, Design with HTML and CSS, Microsoft SQL Server, Login System, Fast and Fluid.

I. INTRODUCTION

The project described within this document is a Women Governance Intelligence designed with specific goal to financially help women and girls for their health, education and many more.

During festival time especially on women's day many offers available for women. Before this festival time they will get notification regarding offers like there is how much discount on that particular offer, how much time of period the offer will be available. If it is last day of the offer the user will get alert notification and user will able to see related suggesting regarding their offers.

As if student wants to know that any scholarship regarding education is available or not then they can easily find government scheme regarding education and they will get scholarships for it.

Web scraping, web harvesting, or web data extraction is data scraping used for extracting data from websites. Web scraping software may access the World Wide Web directly using the Hypertext Transfer Protocol, or through a web browser.Web scraping won't be limited to the world of business. It has an increasingly expanded to other fields as well.

By using web scraping techniques we can extract information available on multiple website into a single database or spreadsheets. So data can be easily visualizing and analyse for further use.Web scraping technique is a sub-discipline of web mining technology.

Web Mining stays at the crossroads of Information Retrieval, Information Extraction and Data Mining. Both Information Retrieval and Information Extraction have important roles to trace and mine valuable information out of unstructured data, before it is suitable to be processed by data mining applications. Information Retrieval (IR) is a field of study concerned with the retrieval of documents from a collection of other documents (relevant and non-relevant), usually based on key word searches. Information Extraction (IE) is a sub-part of artificial intelligence. IE mainly focus on to extract valuable data out of unstructured data. An extraction information system is usually aimed on entities or objects identification (people, places, companies, etc.) and extraction rules.

II. LITERATURE REVIEW

A. Python is a web development platform, which provides a programming model, a comprehensive software infrastructure and various services required to build up robust web applications for PC, as well as mobile devices. Python is used to produce interactive, data-driven web applications over the internet. It consists of a large number of controls and libraries such as pandas, numpy, scipy for assembling, configuring, and manipulating code to create HTML pages.

B. SQL Server is a relational database management system (RDBMS) developed and marketed by Microsoft. As a database server, the primary function of the SQL Server is to store and retrieve data used by other applications.

C. PyCharm or Anaconda is used to write native code and managed code supported by Microsoft Windows, Windows Mobile, Windows CE, .NET Framework, MAC

OS, Linux Python libraries provide inbuilt functions to develop a code. The PyCharm integrated debugger supports both source and machine-level debugging. PyCharm includes other built-in tools, like a form designer, which is useful when building GUI applications; a Web designer that creates dynamic Web pages; a class designer that is used to create custom libraries, and a schema designer for database support.

III. STUDY FINDINGS

A. Preliminary system study is the first stage of system development life cycle. There have been tremendous efforts by lots of people to develop a system that can help the users to improve their browsing experience. There are certain systems close to our systems but there is no system that gives information about the limited period offer (i.e. like women's day). In fact, there is a lot of research going on this subject and people are trying to find different new solutions to the problems.

B. The System is to be developed for any user who wants to use it. We want our system user friendly and easy to use. The user also may be non-technical, so the user interface will be designed in such a way that it gets comfortable for non-technical person to operate easily.

C. Admin is an entity that will manage entire system. Admin have must authorized. Admin have all rights to performing any type of given rights to the given user because they will have highest level of access the rights. Admin have under observation of some areas like database, security, integration and management.

D. The minimum hardware requirement is Memory of 4 GB RAM or more, Monitor resolution of 1024*768 or highest access, Intel i3 processor, 1 GB (or more) available hard disk space.

IV. FUTURE ENHANCEMENT

We aim to build a system that can help user to improve the browsing facilities and user get as much as possible more benefits from upcoming schemes. We will try to solve more problems of user and also to get detailed information about the scheme, if they have any query regarding particular scheme, if user face any query then we will try to solve it. This project is our first step towards this goal. We have planned that we can add numerous features in this system to help the user as well as the admin in both different ways.

Better Design: The main challenge that we have identified is related to the design. We are constantly working on design to make this system easy to use.

Better Working: We are constantly working on our algorithms to improve the accuracy and performance.

V. CONCLUSION

The Women Governance Intelligence is a system for user, its main purpose is to financially help the women and girls for their health, education. Using this user will have all the information about the schemes as they wanted. This is also used for limited period offer or scheme. User will get alert notification when it is last day of the offer and user will also get suggestions for scheme they want. Here, we give them the system that can be used to reduce their time in browsing, easy suggestion and notification. Which will accordingly give them a brief idea on what measures to take at times when the server is loading. We are hoping that our system may solve this issue, we are using advanced methods to come to an appropriate solution of the problem.

VI. ACKNOWEDGMENT

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