Introduction

It is a web application which aggregates data (news articles) from multiple websites. Then presents the data in one location.

News aggregator service is a very important start of the day.

There are various publications and news sites online. They publish their content on multiple platforms. Now, imagine when you open 10-20 news sites every day. The time you waste to gain information. Information gain is everything in today’s world.

It can give you leverage over those who don’t have it. Now, is there a way we can make it easier? Yes!!

A news aggregator makes this task easier. In a news aggregator, you can select the websites you want to follow. Then the news aggregator collects the articles for you. And, you are just a click away to get information from various websites.

This task otherwise takes too much time on our schedule

Problem definition

news are posted in different news Portal Site so it is difficult to open news in each site. More time is spent for searching different domain related news in different sites. Difficult to remember news Portal Site. The main objectives of this project are to extract the news posted in different job portal site, organized them in one site.

PROJECT OVERVIEW

News Aggregator is simply an web application which collects new stories and events around the world from various sources all in one place. News aggregator plays a very important role in reducing time consumption, as all of the news that would be explored through more than one website will be placed only in a single location. Also, summarizing this aggregated content absolutely will save reader’s time.

This project is designed in python language and Django framework and uses news api to fetch the latest news from various websites time to time and uses the technique called webscrapping to fetch the videos using selenium and crome driver

This simulation is imitated with the use of Selenium and its Chrome driver able to navigate and interact with webpages through Google Chrome. Selenium is a Python package using Chrome as an interface and Selenium is able to utilise our written code to simulate a human on Reuters’ webpages by interaction with their pages. It uses several other python module which is described in the documentation.

HARDWARE:

Speed – 1.1 GHz  
Smash – 1GB  
Hard Disk – 20 GB  
Floppy Drive – 1.44 MB  
Console – Standard Windows Keyboard  
Mouse – Two or Three Button Mouse

Software:

Working System: Windows  
Technology: python  
Web Technologies : Html, JavaScript, CSS  
IDE: any  
Database: My SQL  
framework Django

Web driver

**EXISTING SYSTEM**  
The current framework has numerous deficiencies related to it. The Web is presently a gigantic, dynamic and intuitive stage, giving a large number of clients the opportunity to work together and to trade data. Researchers are exceptionally hard to refresh the everyday news. These days, we appear to be overpowered with data: on TV, at the radio, yet generally on the Internet. Now and again, the client needs to do a ton of seeking and perusing with a specific end goal to discover what he is searching for. In this unique situation, the possibility of news aggregators turns out to be increasingly prevalent.  
**PROPOSED SYSTEM**  
This paper shows a logical news aggregator, organized as an online magazine. The substance is consequently pulled back from a few online distributions, accessible on the Internet. We called our site “Samasth”. Despite the fact that for the occasion, the site is committed to an open who is occupied with the logical subjects, it can be effortlessly stretched out or adjusted to different inclinations. The application is actualized in django .The possibility of a news aggregator isn’t new. A news aggregator is a product application, which occasionally peruses a few news sources and shows them on a different page.  
FLOW DIAGRAM

