CHAPTER 1

INTRODUCTION

The development of portal for web based newspaper generally means creating a website in which the management of all news item sent by crowd about any type of news & activities are done by the administrator where all people (viewers) can view and know all the relevant information about the knowledge which they seek. This project is about the designing of a newspaper which displays the news which a normal person want to show. This portal is designed by using HTML, PHP, & CSS technologies and SQL Server. The portal has basically three user parts where one is registered user (authentication required) who can view, add comment can have general discussion with another user and another is administrator (has an authentication) who will manage or control the website and other user (no authentication required) can only view and

This is a website to display the news from the different websites.This website allows user to read up to date news related to many fields like stocks,international news, Entertainment,National,business,bollywood,hollywood,sports,politics,education   etc Concept used in this web page: Front end : Html,css,javascript Back end   : Python Flask and python modules Today the world totally relays upon the electronic media to its every day adventure. People have no time to be updated through newspaper or watching or listening the news on television or radios. People today need to be updated on daily basis in this competitive world. Users want to read the news article based on their interest.

1.1 Objective

Saves the time of the people as it provides information   based on user requirement

Multiple news article can be read on this website, and one does not have to install 3-5

applications User can search the news based on keyword, date , source and news type

Easy to use and very efficient to get the required latest information

Expected Output :

Headlines and breaking news in   the Home pageSearch page output depends on user

data (keyword, source ,category, time) shows news from different websites

ADVANTAGES

Easy to use this   web application

Provides latest and past news regularly

User have a option to get news based on his interest based on Ml.

We can redirect to that published website to read full article And Magzines

DISADVANTAGES

 Flask framework   does not have the   admin site, login or authentication etc

News api will not show the articles which is published long back it dosnt have database

Requires Stable internet connectivity and stable pc requriment

1.2 PROPOSED SYSTEM

So the system proposed by me is same as the Existing system but the few helpful or useful changes done are it will once take to the login page, if not signed up you can sign up with the button below and once you sign up you can login in with the credentials you have given and once you login you will reach to the home page which will contain DASH BOARD, NEW VISITOR, MANAGE VISITORS, VISITOR BETWEEN DATE. There u can see the persons who visited and you can see the details of the person.

1.3 METHODOLOGIES TO BE FOLLOWED

At first, when we open the application an Index page is displayed.

After an Index page is displayed where he will be given an option to enter into channels section or to the search section. The data what he had entered for the results will be pasted in URL automatically and gives the results. We use CSS and JavaScript to style the entire application for examples tables, images etc.

1.4 Motivation for this system?

The main motivation of this system is to manage the details of News categorely,

address, order, and arranges in flow. It manages all the information about item News category, customer, shopping cart, item category. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose is to build and application program to reduce the managing the News category, and customers. It tracks all the customers who reads the news regularly and their daily behaviour of the customer to improve the website using Machine Learning Algorithms.

1.5 Flow of The Website:

1. Google news

2. News feed

3. Search bar

4. Searched results

5. Admin login

6 Modifying news by admin

CHAPTER 2

FUNDAMENTALS OF WEB PROGRAMMING/OPERATING SYSTEM

2.1 WORLD WIDE WEB

World Wide Web or WWW for short is a collection of web pages or websites which are stored in web servers to be served to connected computing devices which are in the network. The Web pages can contain text data, audio data, video data, image data, and other forms of media as well. These contents can be accessed by various computing devices ranging from desktops to mobile phones. These web pages are either stored locally on a single server or multiple servers which can be region specific in terms of their language.

2.2 WEB BROWSER

Web browsers are applications which allow the users to access the web pages on the web. The web pages are accessed by entering the respective page URL. The web browser is responsible for the rendering of images, video, font styles for texts, and playing audio. It is also responsible to interpret any embedded code or program that the web page may contain. Most of the protocols used are the Hyper Text Transfer Protocol (HTTP). Web pages would be only text based earlier but now it includes even graphical elements as well as dynamic components.

2.3 OPERATION OF WWW

The world wide web works on the client-server model. The client will send a request to the server and the server will return the result after performing some task. As we know, the web pages are accessed by their URLs. The web browser makes a request to the domain name server in the URL for the IP address corresponding to the domain name. After receiving the IP address, the browser sends a request to the server using a HTTP protocol which defines how the web page communicates with the browser. When the

web server receives the request, it searches for the requested web page and returns it to the browser and closes the HTTP connection. The browser now renders the received web page for the user.

2.4 WEB 2.0

Earlier web pages were only text based and mostly used just for information, personal portals, critical mass of content derives for search engines and was mainstream. The birth of the Internet, caused the development of a newer version of world wide web known was Web 2.0. Static web sites, became dynamic websites, which renders user generated content which encouraged the growth of social media. Web 2.0 refers to web apps and web-oriented architecture which is to refer to the ways that the web pages are designed and used by the users, without any change in technical specifications. The major differences between web 1.0 and web 2.0 is that web 2.0 allows users to create, collaborate, share and communicate their work with others without the need for any additional skills.

Advantages of Web 2.0:

- Easily available anywhere
- Diversity in media
- Easy to use
- Can be used to learn variety of things
- Since it is user friendly, anyone can create and edit content and publish it on the web.

2.5 HTML

HTML stands for Hyper Text Markup Language. It is a markup/formatting language to define the structure of a web page as to where each element of the page should be placed. It helps us organize the various media that can be embedded into the web page.

HTML does not require any special editor to be written. It can be written in a simple notepad, saved with a .html extension.

2.6 HTML TAGS

HTML is a markup language which refers to the symbols used to define the structures in the web page. These markups tell the browser how each element is to be rendered. These markups are called Tags. Every HTML document begins with a <!DOCTYPE html> Tag. Every html page has a basic structure which is <html> , <head> and <body>. Tags are represented with angular brackets and the name is defined between them. Some tags will have opening and closing tags where the closing tag will have an additional forward slash before the tag name. Some tags are empty tags which do not have a closing tag. While defining a tag, both the names of closing and opening tags must be same. Tags also have attributes which can be used in the opening tags and will be applied to the content within the tags.

2.6.1 MOST COMMONLY USED TAGS:

HTML TAG:-

It is the root of the html document which is used to specify that the document is html.

SYNTAX:- <html> STATEMENT….. </html>

HEAD TAG :-

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Head tag is used to contain all the head element in the html file. It contains the title, style, meta etc

tag.

SYNTAX :- <head> STATEMENT…..</head>

BODY TAG:

It is used to define the body of html document. It contains image, tables, lists, etc.

TITLE TAG:

It is used to define the title of html document

HEADING TAG:

It is used to define the heading   of html document

PARAGRAPH TAG:

It is used to define paragraph content in html document.

BOLD TAG:

It is used to specify bold   content in html document

ITALIC TAG:

It is used to write   the content in italic format

ORDERED LIST TAG:

It is used to list the content in a particular order.

UNORDERED LIST TAG:

It is used to list the content without order

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FONT TAG:

It is used to specify the font size, font colour and font-family in html document.

LINE BREAK TAG:

It is used to break the line

IMAGE TAG:

It is used to add image element in html document

2.7   CSS (CASCADING SYSTEM SHEETS):

Cascading Style Sheets, fondly referred to as CSS, is a simply designed language intended to simplify the process of making web pages presentable. CSS allows you to apply styles to web pages. More importantly, CSS enables you to do this independent of the HTML that makes up each web page.
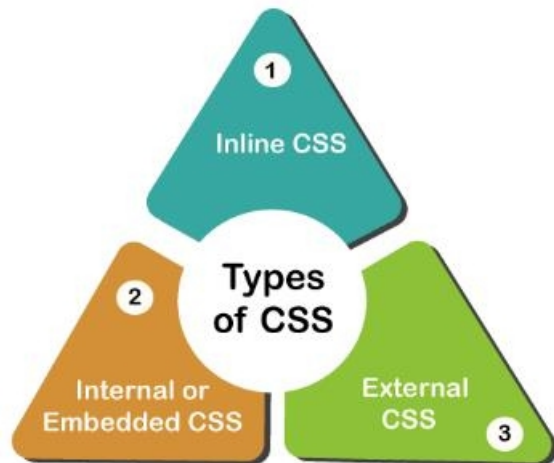
There are three types of CSS which are given below:

• Inline CSS

• Internal or Embedded CSS

• External CSS

Inline CSS:

Inline CSS contains the CSS property in the body section attached with element is known as inline

CSS. This kind of style is specified within an HTML tag using the style attribute

Internal or Embedded CSS: ONLINE FOOD ORDERING SYSTEM 2020-21

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This can be used when a single HTML document must be styled uniquely the CSS rule set should be

within the HTML file in the head section i.e the CSS is embedded within the HTML file.

External CSS:

External CSS contains separate CSS file   which contains only style property with the help of tag attributes (For example class, id, heading,   etc). CSS property written in a separate file with .css extension and should be linked to the HTML document using **LINK** tag. This means that for each element, style can be set   only once and that will be applied across web pages.

2.8 PROPERTIES OF CSS:

Inline CSS has the highest priority, then comes Internal/Embedded followed by External CSS

which has the least priority. Multiple style sheets can be defined on one page. If for an

HTML tag, styles are defined in multiple style sheets then the below order will be followed.

As Inline   has the highest priority, any styles that are defined in the internal

and external style sheets are overridden by Inline styles.Internal or Embedded stands 2nd in the priority list and overrides the styles in

the external style sheet.External style sheets have the last priority. If there are no styles defined either in inline or internal style sheet then external style sheet rules are applied for the HTML

tags.

FUNCTIONS OF CSS:

CSS functions are used as a value for various CSS properties. For example, you can use the rgb()

function to provide a color value (such as color: rgb(255,0,215)), or the attr() function to retrieve the

value of an HTML attribute. Many functions are used in CSS transforms. For example, the rotate() function can be used to rotate an element, the scale() function can be used to change the size of an element, and the translate() function can be used to move an element . ONLINE FOOD ORDERING SYSTEM 2020-21

There are also other handy functions, such as circle() to clip an element to a circle or to create circle for text to flow around, and the calc() function that can be used to provide a calculated value for a property . Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World

Wide Web, alongside HTML and JavaScript. CSS is designed to enable the separation of

presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate css file, and reduce complexity and repetition in the structural content.

2.9 JAVASCRIPT IN PHP:

JavaScript is the client side scripting language and PHP is the server side scripting language. JavaScript is

used as client side to check and verify client details and PHP is server side used to interact with database.

In PHP, HTML is used as a string in the code.

JSON PHP (JAVASCRIPT OBJECT NOTATION):

JSON stands for the JavaScript Object Notation. It is used to exchanging and storing the data from the web-server. JSON uses the object notation of JavaScript. JavaScript objects can be converted into the JSON and receive JSON format text into the JavaScript objects. Converting the JavaScript object into the JSON format is done by the given function:

JS 0 N.stringify(ob ject)

Exchanging the data from server, PHP as server language used. The JS0N.parse() function is used to get the data from php 0r from the any 0ther server. For the receiving the data from the server Department of ISE,NHCE Page | 10ONLINE FOOD ORDERING SYSTEM 2020-21 Department of ISE,NHCE Page | 11

few AJAX statements t0 check whether the sever is ready to respond the data from the server 0r not. If those conditions are fulfilled then the data from the php file can be received.

PASSING JAVASCRIPT VARAIABLES TO PHP:

JavaScript is the client side and PHP is the server side script language. The way to pass a JavaScript variable to PHP is through a request.

Method 1: This example uses form element and GET/P0ST method to pass JavaScript variables to PHP. The form of contents can be accessed through the GET and P0ST actions in PHP. When the f0rm is submitted, the client sends the f0rm data in the form of a URL such as:

<!DOCTYPE html>

<html>

<head>

<title>

Passing JavaScript variables to PHP

</title>

</head>

<body>

<h1 style="color:green;">

GeeksforGeeks

</h1>

<form method="get" name="form" action="destination.php">

`<input type="text" placeholder="Enter Data" name="data">` ONLINE FOOD ORDERING SYSTEM 2020-21

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`<input type="submit" value="Submit">`

`</form>`

`</body> </html>`

PHP (HYPERTEXT PREPROCESSOR)

The term PHP is an acronym for PHP- HYPERTEXT PREPOCESSOR. PHP is a server-side scripting language designed specifically for web development. PHP can be easily embedded in HTML files and HTML5 codes can also be written in a PHP file. The thing that differentiates PHP with client- side language like HTML UP is, PHP codes are executed on the server whereas HTML codes are directly

rendered on the browser.

FUNCTIONS OF PHP:

A function is a block of code written in a program to perform some specific task. We can relate functions in programs to employees in a 0ffice in real life for a better understanding of how functions

work. Suppose the boss wants his employee to calculate the annual budget. So how will this process complete The employee will take information about the statics from the boss, performs calculations and calculate the budget and shows the result to his boss. Functions works in a similar manner. They take information as parameter, executes a block of statements or perform operations on this parameters and returns the result

PHP provides us with two major types 0f functions:

• **Built-in functions** :

PHP provides us with huge collection of built-in library functions. These functions are already

coded and stored in form of functions. To use those we just need to call them as per our requirement like, var dump, fopem(), printr(), gettype () and so on. ONLINE FOOD ORDERING SYSTEM 2020-21

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• **User Defined Functions** :

Apart from the built-in functions, PHP allows us to create our own customised

functions called the user-defined functions.

Using this we can create 0ur own packages of code and use it wherever

necessary by simply calling it.

CREATING A FUNCTION:

While creating a user defined function we need to keep few things in mind:

• Any name ending with an open and closed parenthesis is a function.

• A function name always begins with the keyword functions.

• To call a function we just need to write its name followed by the parenthesis

• A function name cannot start with a number. It can start with an alphabet or underscore.

• A function name is not case-sensitive.

SYNTAX:

Function Function_ name() {

Executable code

}

ARGUMENTS:

The information or variable, within the function's parenthesis, are called parameters. These are used to hold the values executable during runtime. A user is free to take in as

many parameters as he wants, separated with a comma 0perator. These parameters are used to accept inputs during

runtime. While passing the values like during a function call, they are called Arguments. ONLINE FOOD ORDERING SYSTEM 2020-21

An argument is a value passed to a function and a parameter is used to hold th0se arguments. In common term, both parameter and argument mean the same. We need to keep in mind that for every parameter we need to pass its corresponding argument.

MYSQL DATABASE:

MYSOL database is being operated threw XAMPP server, basically the apache. Here we have to set up the mysql database by adding or creating a new table and then have to code all the SQL commands in the server or we can comment all the commands in NOTEPAD or NOTEPAD++ etc and then we can

import the file into the serve and run it. XAMPP is a cross-platform web server used to develop and

test programs on a local server. It is developed and managed by Apache Friends and is open-source.

It has an Apache HTTP Server, MariaDB, and interpreter for 11 different programming languages like

Perl and PHP. XAMPP Stands for cross-platform, Apache, MySQL, PHP, and Perl.

• It allows you to build a website on a local web server on your computer.

• Stores data locally

In this article, we are going to perform Database operations like Create, Insert, Update, Delete

data from the database created in XAMPP localhost server. We are also going to create a table

and then start performing database operations. Following are the list of database operations

with their respective syntax.

PROCEDURE:

Follow the below steps to perform database operations on XAMPP:

• Start XAMPP Server

• Create Database and Create Table

• Perform Database Operations

• Verify Resultant Table

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BOOTSTRAP:

Bootstrap is a free and open-source tool collection for creating responsive websites and web applications. It is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites. Nowadays, the websites are perfect for all the browsers (IE, Firefox and Chrome) and for all sizes of screens (Desktop, Tablets, Phablets, and Phones). All thanks to Bootstrap developers – Mark Otto and Jacob Thornton of Twitter, though it was later declared to be an opensource project.

Why Bootstrap?

• Faster and Easier Web-Development.

• It creates Platform-independent web-pages.

• It creates Responsive Web-pages.

• It designed to be responsive to mobile devices too.

• It is Free! Available on www.getbootstrap.com

2.10 XHTML

Extensible Hyper Text Markup Language (XHTML) is part of the family of XML markup languages. It mirrors or extends versions of the widely used Hyper Text Markup Language (HTML), the language in which Web pages are formulated. While HTML, prior to HTML5, was defined as an application of Standard Generalized Markup Language (SGML), a flexible markup language framework, XHTML is an application of XML, a more restrictive subset of SGML. XHTML documents are well-formed and may therefore be parsed using standard XML parsers, unlike HTML, which requires a lenient HTML-specific parser.

JAVASCRIPT:

JavaScript is a cross-platform, object-oriented scripting language used to make webpages interactive (e.g., having complex animations, clickable buttons, popup menus, etc.). There are also more advanced server side versions of JavaScript such as Node.js, which allow you to add more functionality to a website than downloading files (such as real-time collaboration between multiple computers). Inside a host environment (for example, a web browser), JavaScript can be connected to the objects of its environment to provide programmatic control over them.

JavaScript contains a standard library of objects, such as Array, Date, and Math, and a core set of language elements such as operators, control structures, and statements. Core JavaScript can be extended for a variety of purposes by supplementing it with additional objects; for example:

• Client-side JavaScript extends the core language by supplying objects to control a browser and its Document Object Model (DOM). For example, client-side extensions allow an application to place elements on an HTML form and respond to user events such as mouse clicks, form input, and page navigation.

• Server-side JavaScript extends the core language by supplying objects relevant to running JavaScript on a server. For example, server-side extensions allow an application

to communicate with a database, provide continuity of information from one invocation to another of the application, or perform file manipulations on a server.

JavaScript as OOP's: -

JavaScript is an Object-Oriented Programming (OOP) language. A programming language can be called object-oriented if it provides four basic capabilities to developers –

• Aggregation – the capability to store one object inside another object.

• Inheritance – the capability of a class to rely upon another class (or number of classes) for some of its properties and methods.

• Polymorphism – the capability to write one function or method that works in a variety of different ways. Objects are composed of attributes. If an attribute contains a function, it is considered to be a method of the object, otherwise the attribute is considered a property

CHAPTER 3

REQUIREMENT SPECIFICATION

3.1 HARDWARE REQUIREMENTS

Processor: Intel core 2 Duo

RAM: 1GB

Hard Disk Space: 100MB

3.2 SOFTWARE REQUIREMENTS

OS: Windows/Linux

IDE USED: Visual Studio Code

BACKEND : Tensorflow, Tensorflow JS

FRONTEND: HTML, CSS, ReactJS

CHAPTER 4

DESIGN

4.1 DESIGN GOALS

Wayznews is   to collect the news from different newspapers and combines all the news into one and divide the news the news into different category and display in the screen The user will be able to see the news feed on the screen

4.2 ALGORITHM:

1 .   First we need to create a basic html   page using html tages   like dochtml

2. Next we need create a index html to create a wayznews website which consit of urls of different web sites using some tags like heref etc...

3. 3. we need use css style sheet to style wayzews website with help of css style sheet we can set or divide the pages propely.

4. 4. we are using django software to create a log in page where user can login and admin can login update the news and there will search section for live news and news feed

5. 5. finally we need a python adminststor to our project and we need a server to run our project so for that purpose we are using flask lib which is present in python which is helpful for creating a url

6. Finally now our project is done this an overview or this an algorithm or this code implementation f this news website project

4.2 FLOWCHART

Weebsite FlowChart
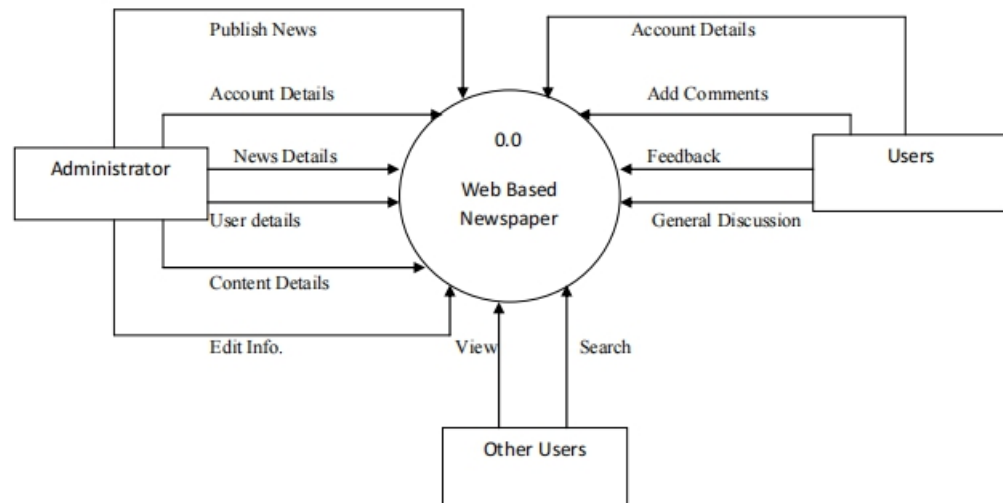
CHAPTER 5

IMPLEMENTATION

5.1 MODULE 1:

At first, we have done this project using DJANGO framework. It is a free and open-source web application framework written in Python. A framework is nothing more than a collection of modules that make development easier. They are grouped together, and allow you to create applications or websites from an existing source, instead of from scratch. when we open the application an Index, page is displayed. After an Index page is displayed where he will be given an option to enter into channels section or to the search section. The data what he had entered for the results will be pasted in URL automatically and gives the results. We use CSS and JavaScript to style the entire application for examples tables, images etc., In the Index page we will behaving scrolling title, and channels button and search button as dropdown menu. In the drop

down menu we will be having three options like country, category and keyword. When the user selects any one of these options, it will take the user to the page where he can search the option selected.

MODULE 2 :

In this section we will be having Channels page where we can browse news of specific country. Here at the opening, we have given a few countries as a direct option because majority of the people follow only few specific channels for news. Taking this into consideration we have added only few main channels for quick read. The user can easily find their required channels and can browse in to it quickly. They can even search their Country in the Channels page too. We have added search button even in the channels page along with category search. 19 Department of CSE, NHCENEWS PORTAL

MODULE 3 :

In this section we will know how the search option works. At first, we have to select any one from the search dropdown menu. If it is country, we can search news of any country in this just by selecting the country from the list provided. If it is category, we can search news of categories like sports, Entertaiment, health, business, general etc., just by select the category from the list provided. If it is keyword, in this we can search for specific data like if we wanted to know news about Virat Kohli, we just need to enter word Virat or Virat Kohli in the block and select the from and to date if we want, this will give the full news of Virat name mentioned.
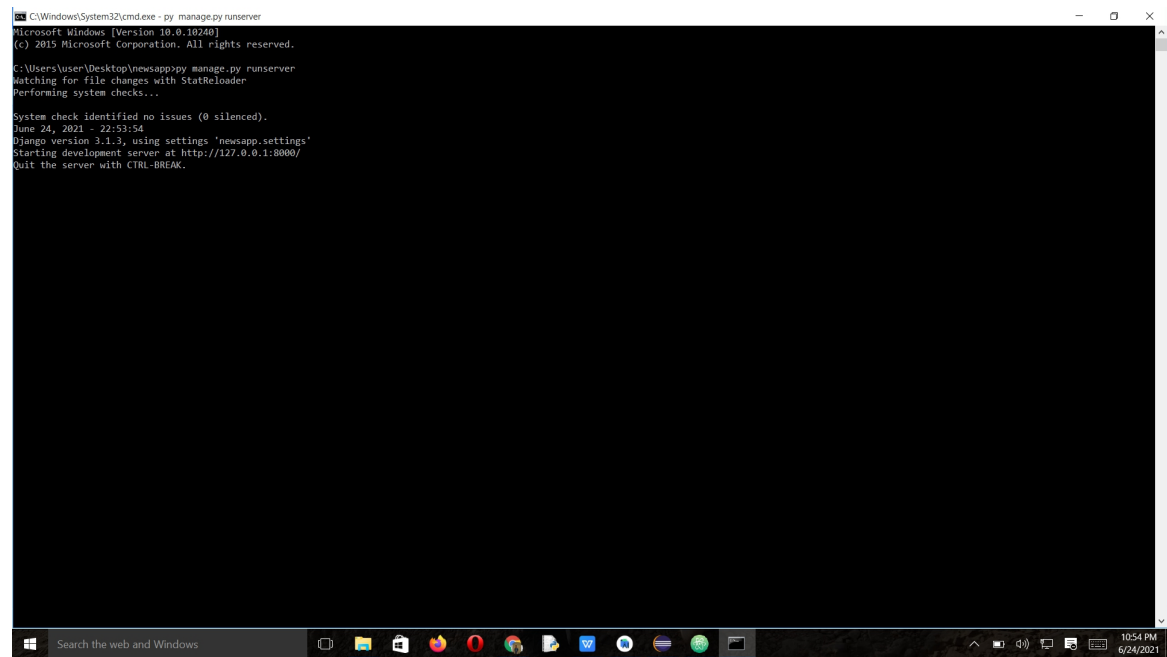
MODULE 4 :

In this section, we will be knowing about backend. We used PYTHON as backend for this project. We have done code for functions in the HTML page and linked the python file to html through a URLs file that comes along with the framework. 20

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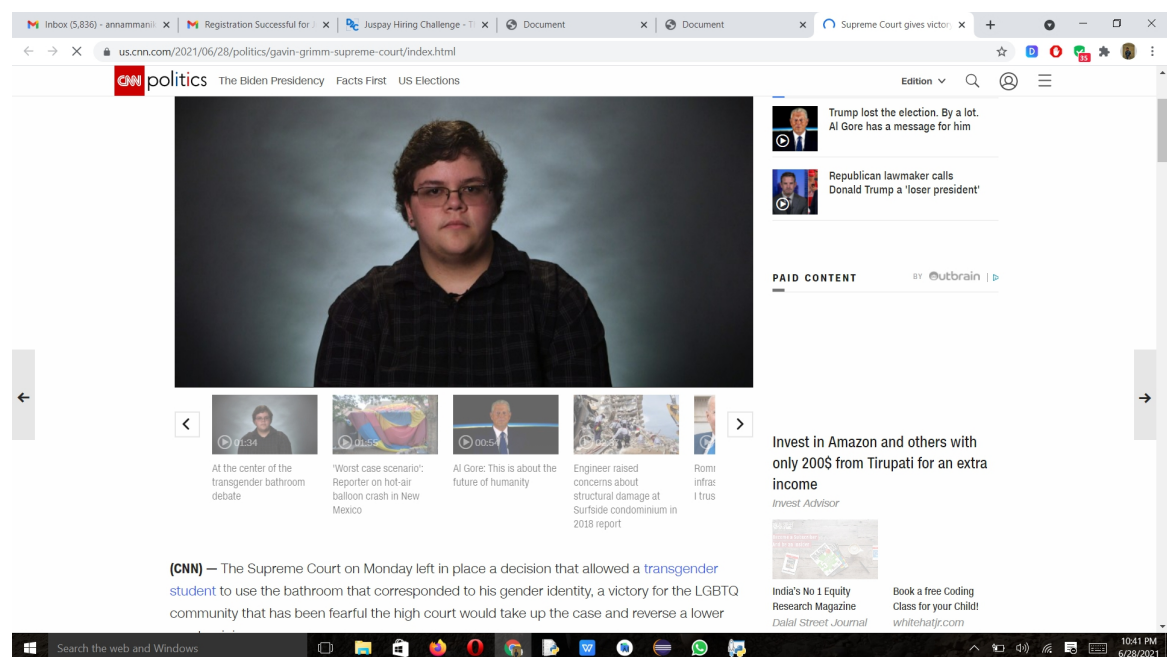
RESULTS

Running a Server
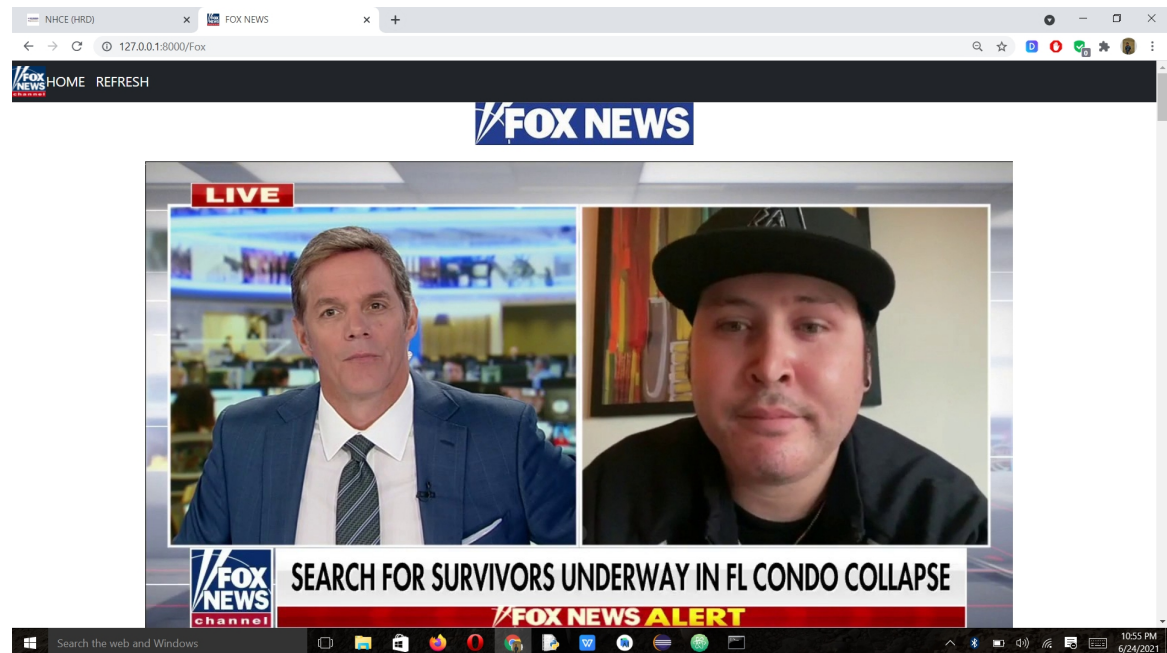

Running a website
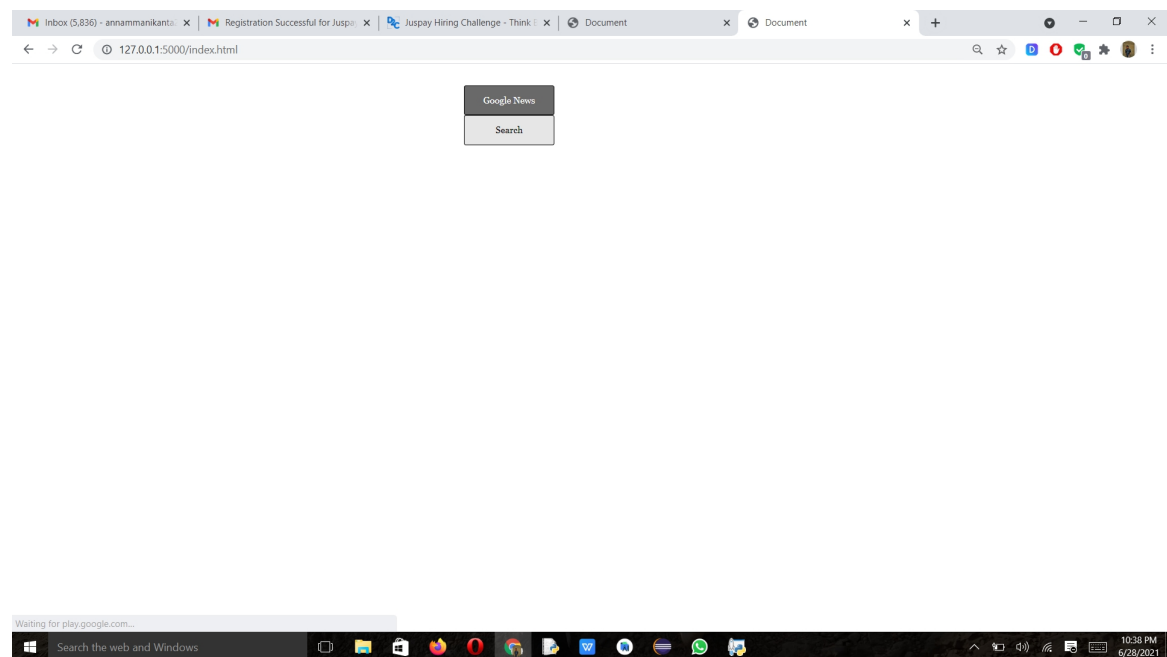
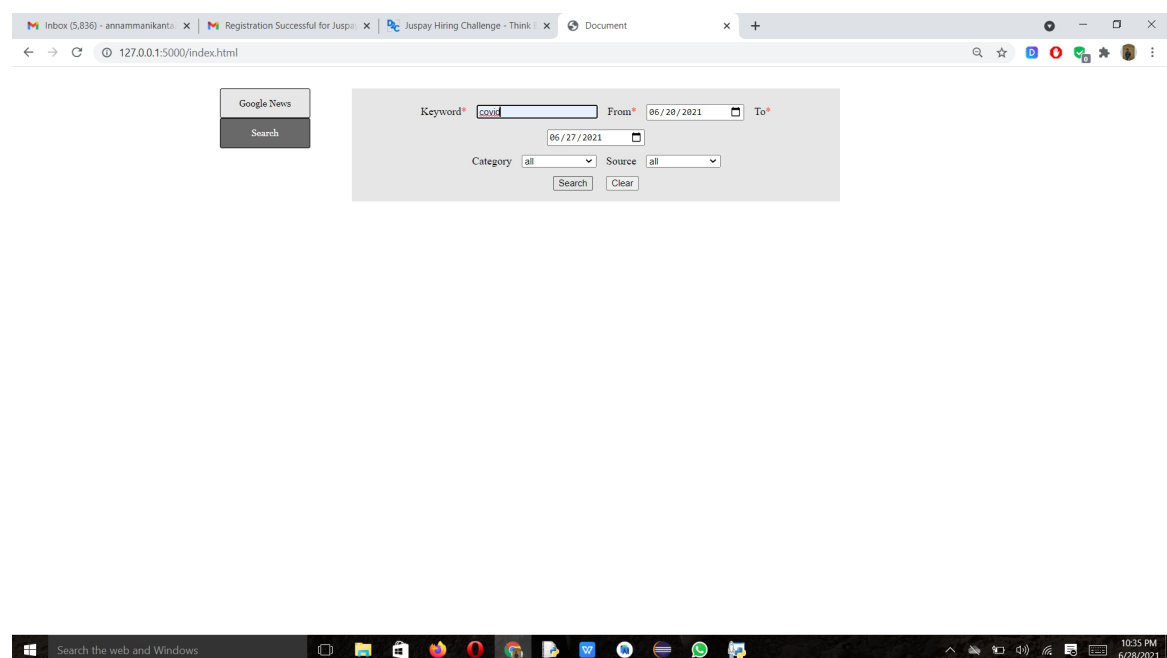## Opening a Newsfeed:
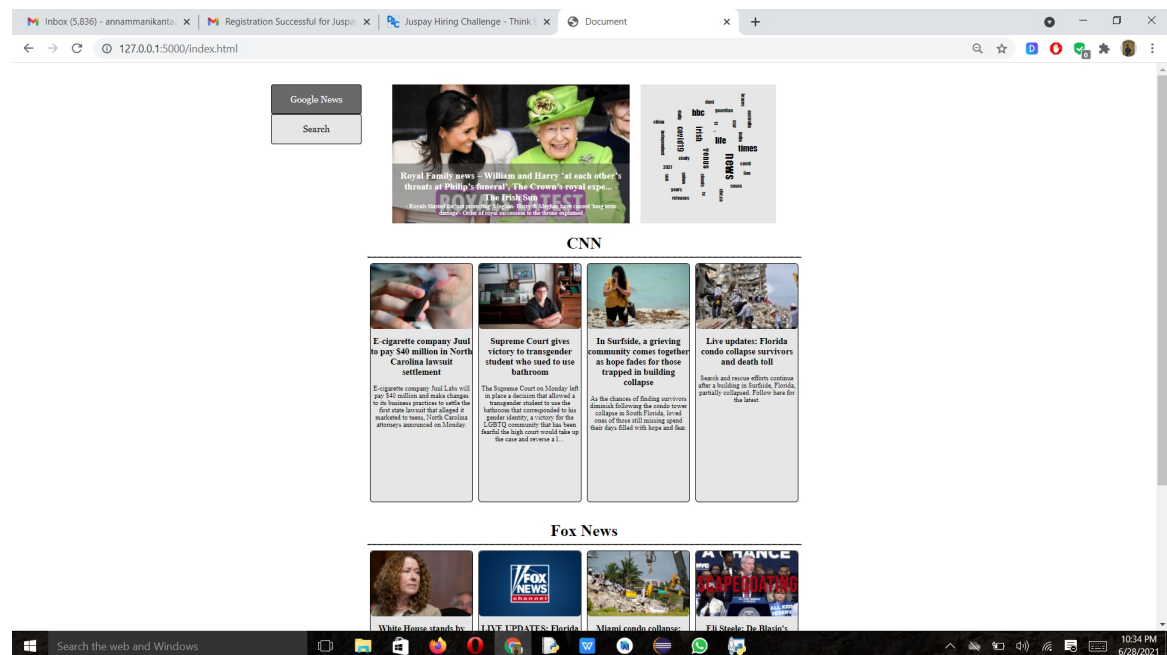
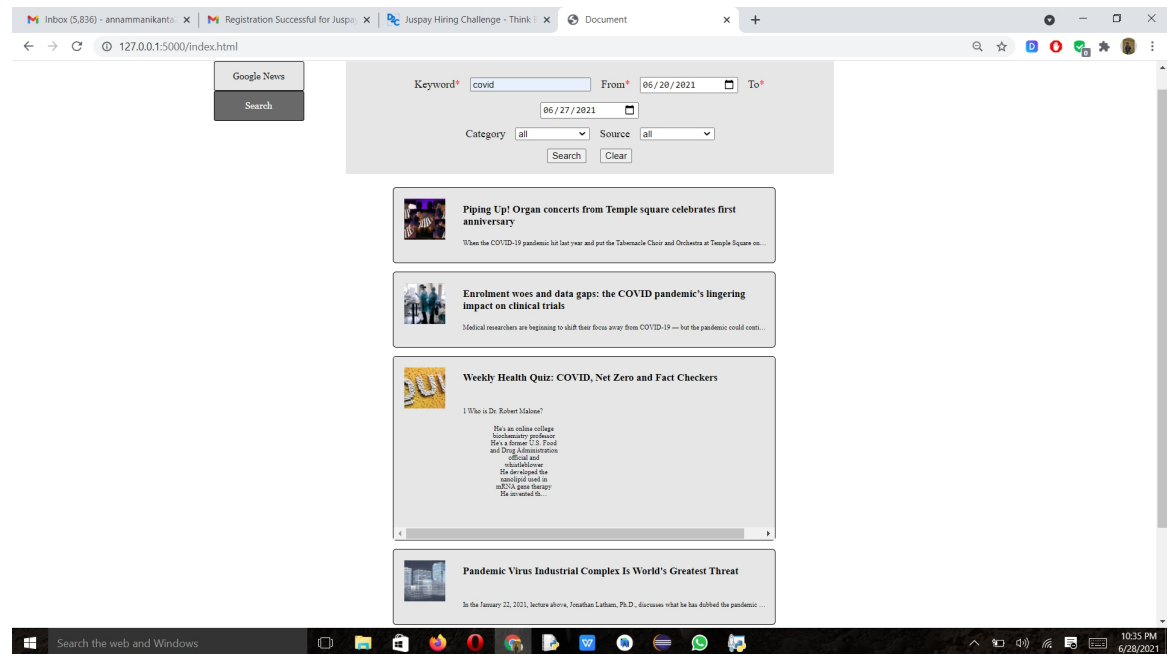## Opening a CNN News Website
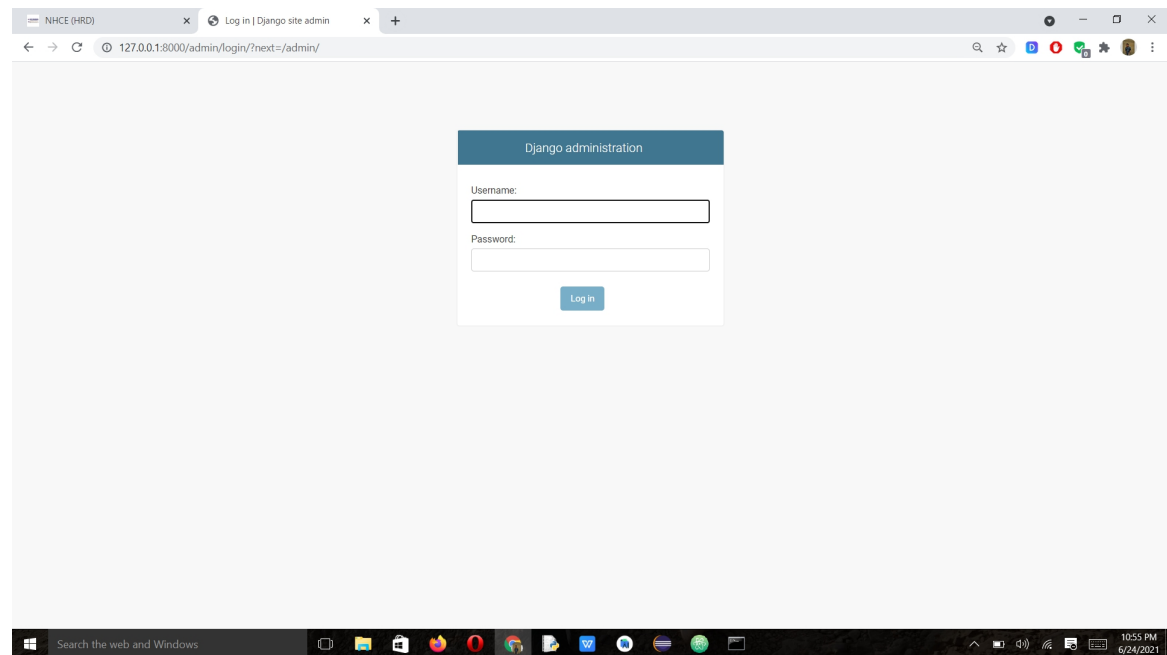
Opening a Fox News Website:

SearchBar:

Results of searched news:

Login page:

CHAPTER 7

CONCLUSION

Therefore, conclusion of the proposed system is based on user's need and is user centered. The system is developed in considering all issues related to all user which are included in this system. Wide range of people can use this if they know how to operate android smart phone. Various issues related to News Service will be solved by providing them a full fledged system. Thus, implementation of Online News view system is done to help and solve one of the important problems of people. Based on the result of this research, it can be concluded: It helps customer in making to search the news easily; It gives information needed in making choice of news to customer. The news website application made for various news channels like bbc fox etc   can help modifying its data and it is also made for admin so that it helps admin in controlling all the News online Website system.

REFERENCES

1. www.github.com

2. www.geeksforgeeks.com

3. www.nareshtechnolgies.com

4. www.codesource.com