

# **KASHI INSTITUTE OF MANAGEMENT AND SCIENCE**



**MIRZAMURAD, VARANASI (221307)**

**MAHATMA GANDHI KASHI VIDYAPITH**

VARANASI UTTER PRADESH

**Project on :- Daily News Network**

SUBMITTED BY –

**SHASHIKANT VISHWAKARMA**

Roll No. :- 112321407051

SUBMITTED TO :-

**MR. TAPAS KUMAR SAHA**

Internal guid sign. :-

External guid sign. :-



# MAHATMA GANDHI KASHI VIDYAPITH

## Certificate of Originality

I hereby declare that the Project entitled “**Daily News Network**” submitted to the Department of information Technology, **Kashi Institute of Managementt And Science, Varanasi Utter Pradesh** in partial fulfilment for the award of the **Degree of Bachelor In Computer Application**. In session 2020-23 is an authentic record of my own work carried out under the supervision and guidance of **Mr. Tapash Kumar Saha** and that the Project has not previously formed the basis for the award of any other degree.

Date : .....

Signature of the Candidate

**Shashikant Vishwakarma**

(112321407051)

This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

1. Signature of internal guide :

2. Signature of external guide :





## KASHI INSTITUTE OF MANAGEMENT AND SCIENCE

### !! Certificate !!

This is to certify that the project is titled **Daily News Network**. This project is submitted by **SHASHIKANT VISHWAKARMA (BCA 2020-23)** from KASHI INSTITUTE OF MANAGEMENT AND SCIENCE in fulfillment of the requirements for **Bachelor's in Computer Application**. This project was an authentic work done under the supervision and guidance of **MR. TAPASH KUMAR SAHA**. This project has not been submitted to any other institution for the award of a diploma.

Date : .....

Signature of the Candidate

**Shashikant Vishwakarma**

(112321407051)

1. Signature of internal guide :

2. Signature of external guide :

# **ACKNOWLEDGEMENT**

**I feel a great pleasure to express my deep sense of gratitude to all those who has helped me directly or indirectly in preparation of this project designing part. It is very exciting for me to work on designing part of the project "Daily News Network". During this work I have gained both practical as well as theoretical knowledge of great significance and important.**

**This satisfaction that accompanies that the successful completion of any Task would be incomplete without the mention of people whole cooperation made it possible whose constant Guidance and Encouragement Crown all efforts with success. I am greatly obliged to my mentor "Mr. Tapas Saha" for his continuous guidance, support and help. I am grateful to KASHI INSTITUTE OF TECHNOLOGY , Varanasi for providing such a golden opportunity to work and learn under an excellent guidance to the completion of designing part on this project. Finally I would like to thank Mr. Pradeep Kumar, (Head of Department [BCA]), whose perfect Guidance helped me in completing this task. I also thank my colleagues who have helped in successful completion of the project effectively and on time.**

## **Abstract**

**The Purpose of “Daily News Network” is to automate the existing manual system by the help of computerized equipment and full-fledged Website that works on a browser. The required software and hardware are easily available and easy to work with Daily News Network, as described above, can lead to error free, secure, reliable and fast management. Basically the project describes how to manage for good performance and better services to the peoples who are taking interest in reading the news. The website will show result news after the search. The user have the control of interest that he/she can search according to the interest fields. The website also contain the feature of selecting the category of the news.**

# **Table of content**

## **Sr. No**

## **Topic**

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3.	System Analysis
4.	Software & Hardware Requirement
5.	Design/Source Code
6.	Conclusion
7.	Bibliography

# **FEASIBILITY ANALYSIS**

We will focus on the following set of requirements while designing the News Website  
Name Daily News Network:

## **Feasibility study :**

Every project is feasible for given unlimited resources and infinitive time. Feasibility study is an evaluation of the proposed system regarding its workability, impact on the organization, ability to meet the user needs and effective use of resources. Thus, when a new application is proposed it normally goes through a feasibility study before it is approved for development . Feasibility and risk analysis and related in many ways. If a project risk is great and feasibility of producing software is reduced. During the feasibility analysis in this project has been discussed below in the abovementioned topics.

## **Operational Feasibility :**

Feasibility of the working of the system after the installation in the organization as mentioned in the feasibility analysis.

## **Technical feasibility :**

Technical feasibility is frequently the most difficult area to ensure this stage. It is essential that the process of analysis and definition to be conducted parallel to an assessment of the technical feasibility. The consideration that is normally associated with technical feasibility includes the resources availability of the Organization where the project is to be developed and implemented. By taking these facts into consideration before developing the resource availability at average house was observed. As very limited resources are required for this project hence this project is considered feasible for development

# **SYSTEM ANALYSIS**

System analysis, or end-to-end testing, tests a completely integrated system to verify that it meets its requirements. For example, a system test might involve testing a main page interface, then selecting the news, then reading full blog or saving the news.

In addition, the software testing should ensure that the program, as well as working as expected, does not also destroy or partially corrupt its operating environment or cause other processes within that environment to become inoperative (this includes not corrupting shared memory, not consuming or locking up excessive resources and leaving any parallel processes unharmed by its presence).



# **OBJECTIVE**

**The website is very simple in design and to implement. The website requires very low system resources and the system will work in almost all configurations, must needed a browser with internet connection.**

**It has got following features:**

- **Reduce the paper work for news.**
- **Minimum time needed for the processing.**
- **Greater efficiency.**
- **Better service.**
- **User-friendliness and interaction.**
- **Minimum time required to get news.**
- **It saves more time.**
- **It save the people's money.**
- **It is made to get good news in easy way.**

# **INTRODUCTION**

**This document describes the various function of my project. The actual design of the modules and components of "Daily News Network" is described in this document, which takes care of various functionalities that our project aims to achieve and for determining the operating characteristics of the system.**

**"Daily News Network" is a website to get the news where we can read the articles and the blogs of the news companies. In this we can see the news in different fields according to our interest. The website has been developed using Ejs Html, CSS for frontend and Javascript, NodeJs and an external public news API for backend.**

**Because of the Visual features, the website is very user friendly. This version of the website has easy use approach. For further enhancement or development of the package, user's feedback will be considered.**

**The basic aim of this project is to make a website that gives news in easy way.**

**Thank You !!**

# **Software & Hardware Requirement**

## **Minimum hardware requirement :-**

- **Processor - core i3**
- **RAM - 2GB or more**
- **Hard Disk - 30 GB**
- **Monitor - Any Monitor**
- **Key Board - 102 keys**
- **A Web Browser with Internet**

## **Minimum software requirement :-**

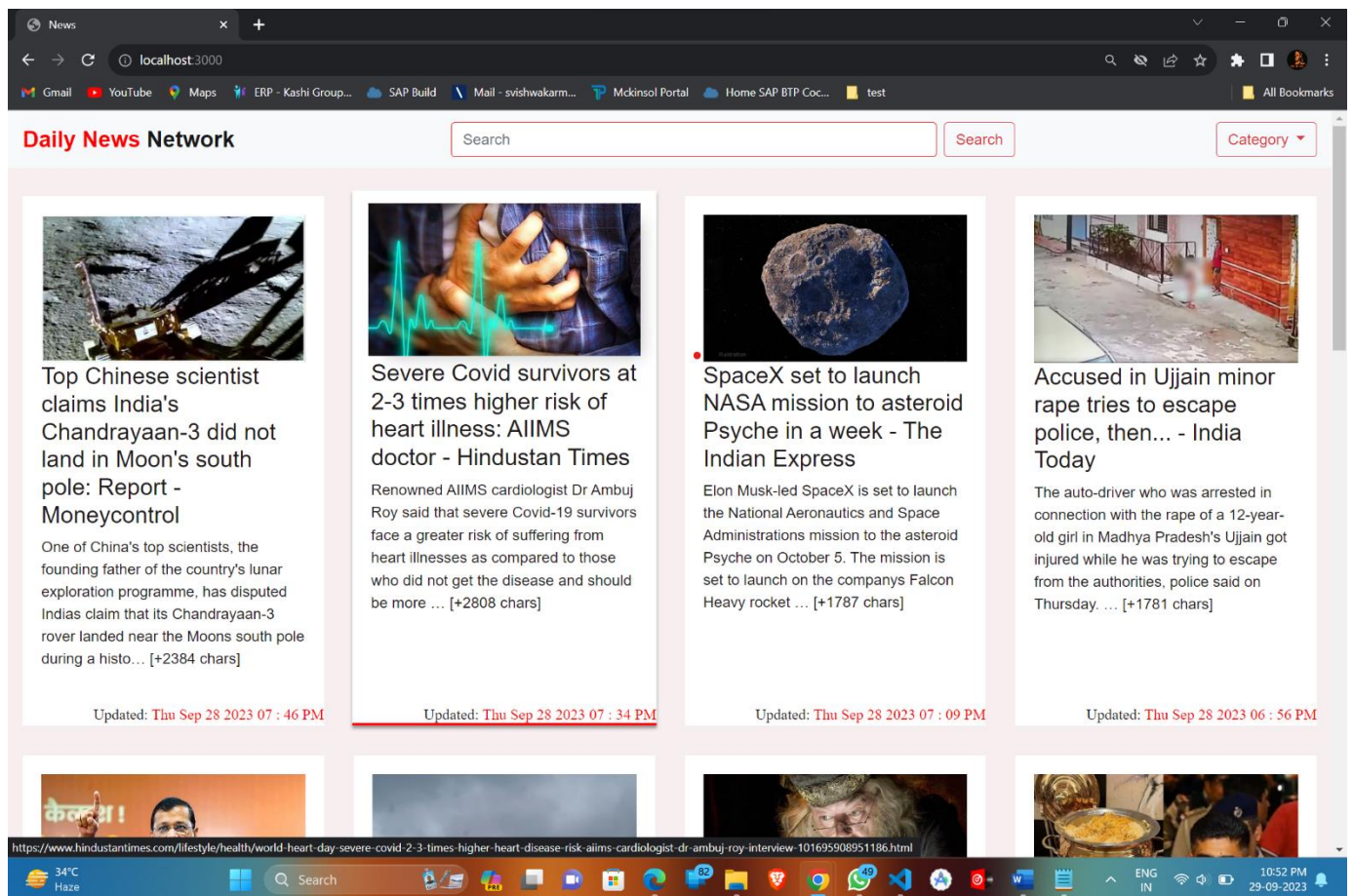
- **Operating System – any that support a browser ( windows, macOS, Linux)**
- **Languages – Javascript**
- **Front End – HTML,EJS,CSS JAVASCRIPT**
- **Back End – JAVASCRIPT, NODE, EXPRESS**
- **IDE – Visual Studio Code**
- **Browser : Google Chrome**

# Design and Source code

Lets see working design : -

Main Page-

On the main page we see the latest news head lines..



(P.T.O.)



If we want to read the full article or blog of this page then we click on that like we clicked on 2<sup>nd</sup> news...

Then it takes us to on the official website of the news provider company i.e Hindustan Times.

Here we can read the full information of the news.

The screenshot displays the Hindustan Times website interface. At the top, there's a navigation bar with the site's logo, search bar, and various links like 'Games', 'E-Paper', and 'Sign in'. Below this, a secondary navigation bar lists categories such as 'Home', 'Latest News', 'Cricket', 'Education', 'India', 'World', 'Mumbai', 'Entertainment', 'Lifestyle', 'Astrology', 'Editorials', and 'Shop Now'. The main content area features a large article titled 'World Heart Day: Severe Covid survivors face 2-3 times higher heart disease risk for a year, says AIIMS cardiologist'. The article is by Parmita Uniyal and was published on September 29, 2023. A sub-headline reads: 'AIIMS cardiologist Dr Ambuj Roy says that people who have had severe Covid-19, face higher heart disease risk for at least one year.' To the left of the main article, there's a 'TOP NEWS' section with three smaller news items. To the right, there's an 'Advertisement' placeholder and a 'PHOTOS' section featuring a photo of Hina Khan. The bottom of the page shows a Windows taskbar with various application icons and a system clock indicating 10:54 PM on 29-09-2023.

News / Lifestyle / Health / World Heart Day: Severe Covid survivors face 2-3 times higher heart disease risk for a year, says AIIMS cardiologist

By Parmita Uniyal, New Delhi

Sep 29, 2023 12:42 PM IST

AIIMS cardiologist Dr Ambuj Roy says that people who have had severe Covid-19, face higher heart disease risk for at least one year.

Hina Khan shows how to rock the all-black look with knit top and pleated skirt

5 daily habits that can help

(P.T.O.)

Now, Lets get back to the main page.....


News

localhost:3000

Gmail YouTube Maps ERP - Kashi Group... SAP Build Mail - svishwakarm... Mckinsol Portal Home SAP BTP Coc... test All Bookmarks

**Daily News Network**


Search Search Category



**Top Chinese scientist claims India's Chandrayaan-3 did not land in Moon's south pole: Report - Moneycontrol**

One of China's top scientists, the founding father of the country's lunar exploration programme, has disputed India's claim that its Chandrayaan-3 rover landed near the Moon's south pole during a histo... [+2384 chars]

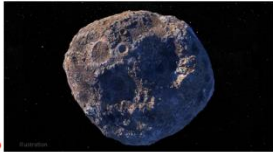
Updated: Thu Sep 28 2023 07 : 46 PM



**Severe Covid survivors at 2-3 times higher risk of heart illness: AIIMS doctor - Hindustan Times**

Renowned AIIMS cardiologist Dr Ambuj Roy said that severe Covid-19 survivors face a greater risk of suffering from heart illnesses as compared to those who did not get the disease and should be more ... [+2808 chars]


Updated: Thu Sep 28 2023 07 : 34 PM



**SpaceX set to launch NASA mission to asteroid Psyche in a week - The Indian Express**

Elon Musk-led SpaceX is set to launch the National Aeronautics and Space Administration's mission to the asteroid Psyche on October 5. The mission is set to launch on the company's Falcon Heavy rocket ... [+1787 chars]


Updated: Thu Sep 28 2023 07 : 09 PM




**Accused in Ujjain minor rape tries to escape police, then... - India Today**


The auto-driver who was arrested in connection with the rape of a 12-year-old girl in Madhya Pradesh's Ujjain got injured while he was trying to escape from the authorities, police said on Thursday. ... [+1781 chars]


Updated: Thu Sep 28 2023 06 : 56 PM



<https://www.hindustantimes.com/lifestyle/health/world-heart-day-severe-covid-2-3-times-higher-heart-disease-risk-aiims-cardiologist-dr-ambuj-roy-interview-101695908951186.html>







34°C Haze Search 82 49 ENG IN 10:52 PM 29-09-2023

(P.T.O.)

So, If we want to see the news of a particular category...

Then we can select the category from the right upper corner option !!

News

localhost:3000/search

Gmail YouTube Maps ERP - Kashi Group... SAP Build Mail - svishwakarm... Mckinsol Portal Home SAP BTP Coc... test

All Bookmarks

**Daily News Network**

Search Search

Category

- Business
- Entertain
- General
- Health
- Technology
- Sports
- Science

**Why It's So Hard to Get the New COVID Booster**

Theres a new COVID booster at pharmacies, and the simple thing to say about it is this: Its good, its free, and you should get it. Unfortunately, the process of getting one of these shots isnt going ... [+3460 chars]

Updated: Tue Sep 26 2023 10 : 30 PM

**Jill Biden: US first lady tests positive for Covid-19**

US First Lady Jill Biden tested positive for Covid-19 on Monday evening and is experiencing mild symptoms, the White House says. The 72-year-old, who is vaccinated and has received boosters, will st... [+1112 chars]

Updated: Tue Sep 05 2023 02 : 50 PM

**South Africa to clear Covid lockdown criminal records**

South Africa's parliament has passed a bill which would expunge criminal records for those convicted of breaching Covid-19 lockdown laws. South Africa had some of the world's toughest restrictions, ... [+1626 chars]

Updated: Thu Sep 21 2023 05 : 45 PM

**Should we worry about recent US spike in Covid cases?**

In a wide ranging interview about his life after retiring as director of the National Institute of Allergy and Infectious Diseases, Anthony Fauci tells the BBC's Katty Kay that 96% of the US populati... [+257 chars]

Updated: Tue Aug 29 2023 05 : 48 AM

localhost:3000/news/technology

34°C Haze

Search

ENG IN

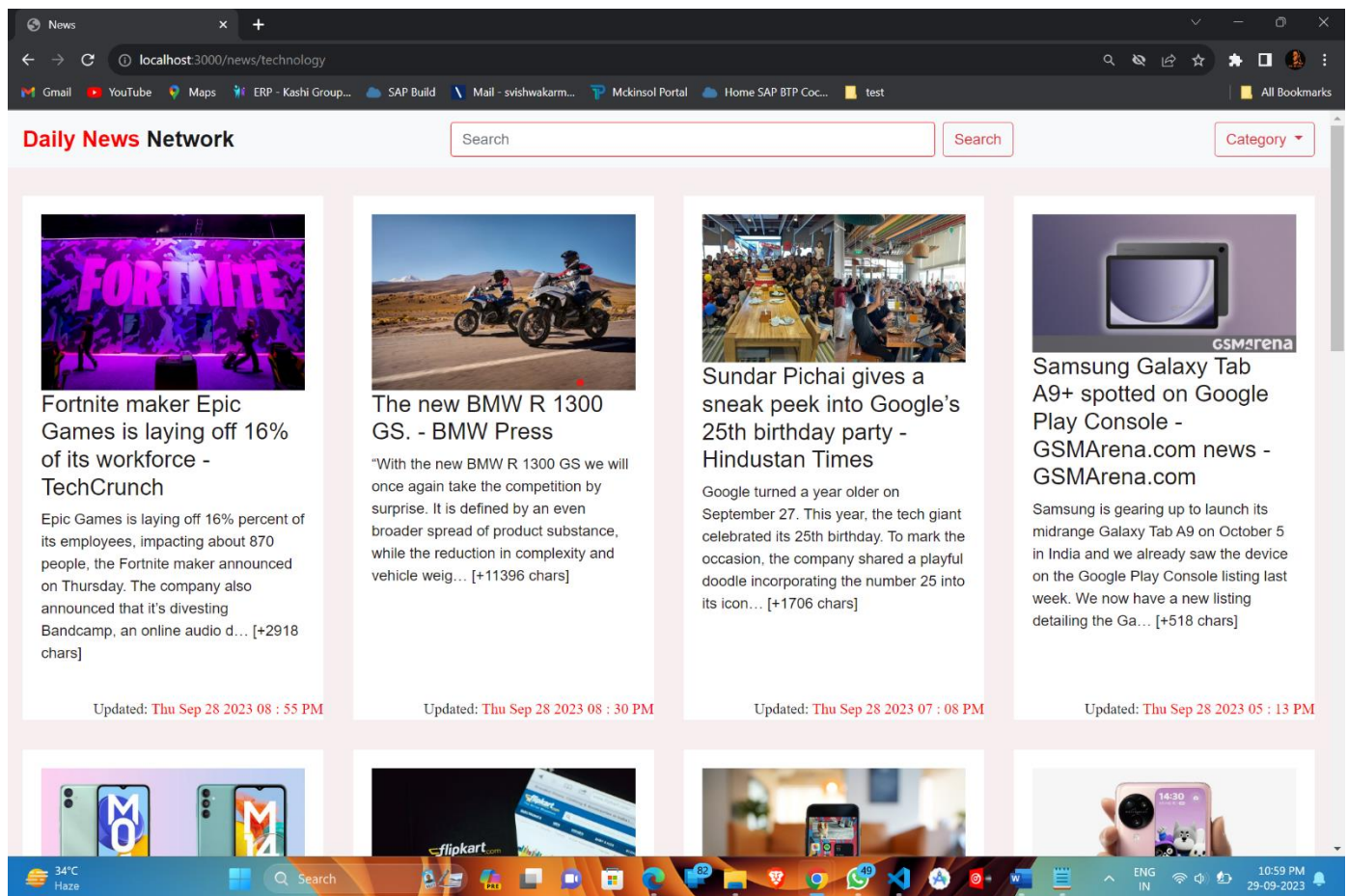
10:57 PM 29-09-2023

(P.T.O.)



Now, if we select the category technology...

Then it shows the news related to the Technology (means News of tech category)...



Then we can click according to interest to read full news..

(P.T.O.)



Lets click on 3<sup>rd</sup> news headline..

The screenshot shows a web browser displaying the Hindustan Times website. The URL in the address bar is <https://www.hindustantimes.com/trending/sundar-pichai-gives-a-sneak-peek-into-google-s-25th-birthday-party-101695906152908.html>. The page features the Hindustan Times logo and navigation links. The main headline is "Sundar Pichai gives a sneak peek into Google's 25th birthday party" by Arfa Javaid, dated Sep 28, 2023. The article text states: "The pictures shared by Sundar Pichai on Instagram show how Google offices worldwide celebrated the company's 25th birthday." Below the text is a large photograph of a group of people at a long table, celebrating. On the left side, there is a sidebar with "TOP NEWS" including headlines like "Canada looks very different to US: What Jaishankar said amid row with Trudeau" and "Will shut embassy in Delhi: Afghan diplomats tell India, cite lack of support". The Windows taskbar at the bottom shows the date as 29-09-2023 and the time as 11:00 PM.

Now we can read the full news on official website of the news provider.

(P.T.O.)

Now, if we want to search any particular news..

Then we can do it by using search box...

So let's.. search Covid

News

Severe Covid survivors at 2-3 tim

localhost:3000/search

Gmail YouTube Maps ERP - Kashi Group... SAP Build Mail - svishwakarm... Mckinsol Portal Home SAP BTP Coc... test

All Bookmarks

Daily News Network

covid

Search

Category

**Why It's So Hard to Get the New COVID Booster**

There's a new COVID booster at pharmacies, and the simple thing to say about it is this: Its good, its free, and you should get it. Unfortunately, the process of getting one of these shots isnt going ... [+3460 chars]

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Updated: Tue Aug 29 2023 05 : 48 AM

**Covid fraudster used**

**Threads Isn't Showing**

**Two jailed for killing**

34°C Haze

Search

82

ENG IN

10:55 PM 29-09-2023

Here, we can see that the news here are from the covid reted.

Lets see the source code : -

Frontend-----

Views(folder)

Partials(folder)

header.ejs

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>News</title>
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
  integrity="sha384-
Gn5384xqQ1aowXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
  <link rel="preconnect" href="https://fonts.gstatic.com">
  <link
href="https://fonts.googleapis.com/css2?family=PT+Sans:ital@1&display=swap"
rel="stylesheet">
  <link rel="stylesheet" href="/css/style.css">
  <style>
    .form-control{
      border-color: red;
    }
  </style>
</head>
```

## navbar.ejs

```
<nav class="navbar navbar-expand-lg navbar-light bg-light navbar-fixed-top
fixed-top">
  <a class="navbar-brand" href="/" style="font-weight: 700;
font-size: 24px;"> <span style="color: red;" >Daily News</span>
Network</a>
  <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent"
    aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
  </button>

  <div class="collapse navbar-collapse searc-bar"
id="navbarSupportedContent">

    <form class="form-inline my-2 my-lg-0" action="/search" method="POST">
      <input class="form-control mr-sm-2" name="search" type="search"
placeholder="Search" style="width: 522px;"
        aria-label="Search">
      <button class="btn btn-outline-danger my-2 my-sm-0"
type="submit">Search</button>
    </form>
  </div>
  <div class="dropdown">
    <button type="button" class="btn dropdown-toggle btn-outline-danger
my-2 my-sm-0" data-toggle="dropdown">
      Category
    </button>
    <div class="dropdown-menu">
      <a class="dropdown-item" href="/news/business">Business</a>
      <a class="dropdown-item" href="/news/entertainment">Entertain</a>
      <a class="dropdown-item" href="/news/general">General</a>
      <a class="dropdown-item" href="/news/health">Health</a>
      <a class="dropdown-item" href="/news/technology">Technology</a>
      <a class="dropdown-item" href="/news/sports">Sports</a>
      <a class="dropdown-item" href="/news/science">Science</a>

    </div>
  </div>
</nav>
```



## category.ejs

```
<%- include("partials/header.ejs") %>

<body>

<%- include("partials/navbar.ejs") %>

    <div class="news-container ">
        <div class="news ">

            <% articles.forEach(function(article,index){ %>

                <% if ((typeof article.url=='object') || (typeof
article.title=='object') || (typeof article.urlToImage=='object') || (typeof
article.content=='object')){ %>
                    <% } else{ %>
                        <a href="<%- article.url %>" target="_blank"
class="news-box Hover-effect">

                            
                            <h3>
                                <%- article.title %>
                            </h3>

                            <p>
                                <%- article.content.replace(/<[^>]+>/g, ' ') %>
                            </p>
                            <br>
                            <p style="margin-bottom: 0px; position: absolute;
right: 0; bottom: 0; font-family: ui-monospace;">Updated: <span
style="color:red;" ><%- new
Date(article.publishedAt.slice(0,10)).toDateString() %>    <%-
moment.utc(article.publishedAt).local().format('hh : mm A') %> </span></p>

                        </a>
                    <% } %>
                <% }) %>

            </div>
```

```
    </div>
    <script src="moment.js"></script>
<script src="moment-timezone-with-data.js"></script>
    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"
integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCKRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js
" integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"
integrity="sha384-
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmY1"
crossorigin="anonymous"></script>
</body>

</html>
```

## news.ejs

```
<%- include("partials/header.ejs") %>

<body>

<%- include("partials/navbar.ejs") %>

  <div class="news-container ">
    <div class="news ">

      <% articles.forEach(function(article,index){ %>

        <% if ((typeof article.url=='object') || (typeof
article.title=='object') || (typeof article.urlToImage=='object') || (typeof
article.content=='object')){ %>
          <% } else{ %>
            <a href="<%- article.url %>" target="_blank"
class="news-box Hover-effect">

              
              <h3>
                <%- article.title %>
              </h3>

              <p>
                <%- article.content.replace(/<[^>]+>/g, ' ') %>
              </p>
              <br>
              <p style="margin-bottom: 0px; position: absolute;
right: 0; bottom: 0; font-family: ui-monospace;">Updated: <span
style="color:red;" ><%- new
Date(article.publishedAt.slice(0,10)).toDateString() %>    <%-
moment.utc(article.publishedAt).local().format('hh : mm A') %> </span></p>

            </a>
          <% } %>
        <% }) %>
      </div>
    </div>

<script src="moment.js"></script>
<script src="moment-timezone-with-data.js"></script>
  <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"
integrity="sha384-
```

```
KJ3o2DKtIkvYIK3UENzmM7KCKRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js
" integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"
integrity="sha384-
JZR6Spejh4U02d8j0t6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"
crossorigin="anonymous"></script>
</body>

</html>
```



public\css(folder)

## style.css

```
body{
  margin: 0;
  font-family: sans-serif;
  background-color: rgba(245, 238, 238, 0.89);
}
nav{
  margin-bottom: 40px;
}
img{
  max-width: 100%;
  transition: all 0.7s ;
}

.Hover-effect:hover{
  transform: translateY(-3px) scale(1.01);
}

.Hover-effect:hover img{
  transform: translateY(-5px) scale(1.02);
  box-shadow: 10px 9px 17px -10px rgba(0,0,0,0.28);
}
h3{
  font-size: 1.55rem;
}
h2{
  font-size: 1.55rem;
}
.news-container{
  margin-bottom: 69px;
  padding: 0 1rem;
  padding-top: 92px;
}
.news{
  display: grid;
  grid-template-columns: repeat(auto-fill,minmax(300px,1fr));
  grid-gap: 2rem;
}
```

```

.news-box{
  transition: all 0.3s ;
  text-decoration: none;
  color: rgb(29, 25, 25);

  background-color: white;
  padding: 20px;
}

.news-box:hover{
  text-decoration: none;
  color: rgb(29, 25, 25);;
  box-shadow: 0 3px 3px rgba(0,0,0,0.16), 0 3px 3px rgba(0,0,0,0.23);
}

.searc-bar{
  justify-content: center;
}

/* #effect ***** */

.Hover-effect {
  position: relative;
}
:root{
  --underline_color: red;
  --underline-hight:0.175rem;
}
.Hover-effect::after {
  content: "";
  position: absolute;
  width: 100%;
  height: var(--underline-hight);
  background-color: var(--underline_color);
  left: 0;
  bottom: 0;
  transform: scale(0, 1);
  transition: transform 0.3s ease;
}

.Hover-effect:hover::after {
  transform: scale(1, 1);
}body{
  margin: 0;
  font-family: sans-serif;
  background-color: rgba(245, 238, 238, 0.89);
}

```

```

}
nav{
    margin-bottom: 40px;
}
img{
    max-width: 100%;
    transition: all 0.7s ;
}

 Hover-effect:hover{
    transform: translateY(-3px) scale(1.01);
}

 Hover-effect:hover img{
    transform: translateY(-5px) scale(1.02);
    box-shadow: 10px 9px 17px -10px rgba(0,0,0,0.28);
}
h3{
    font-size: 1.55rem;
}
h2{
    font-size: 1.55rem;
}
.news-container{
    margin-bottom: 69px;
    padding: 0 1rem;
    padding-top: 92px;
}
.news{
    display: grid;
    grid-template-columns: repeat(auto-fill,minmax(300px,1fr));
    grid-gap: 2rem;
}

.news-box{
    transition: all 0.3s ;
    text-decoration: none;
    color: rgb(29, 25, 25);

    background-color: white;
    padding: 20px;
}

.news-box:hover{
    text-decoration: none;
    color: rgb(29, 25, 25);;
    box-shadow: 0 3px 3px rgba(0,0,0,0.16), 0 3px 3px rgba(0,0,0,0.23);
}

```

```
.searc-bar{
  justify-content: center;
}

/* #effect ***** */

.Hover-effect {
  position: relative;
}
:root{
  --underline_color: red;
  --underline-hight:0.175rem;
}
.Hover-effect::after {
  content: "";
  position: absolute;
  width: 100%;
  height: var(--underline-hight);
  background-color: var(--underline_color);
  left: 0;
  bottom: 0;
  transform: scale(0, 1);
  transition: transform 0.3s ease;
}

.Hover-effect:hover::after {
  transform: scale(1, 1);
}
```

Now,

Backend-----

routes (folder)

news.js

```
const express = require('express')
const axios = require('axios')
const newsr=express.Router()
const moment = require('moment')
const math = require('math')

newsr.get('/', async(req,res)=>{
  try {
    var url = 'http://newsapi.org/v2/top-headlines?' +
      'country=in&' +
      'apiKey=23a2909fa767474e80a1be104d70da61;

    const news_get =await axios.get(url)
    res.render('news',{articles:news_get.data.articles})

  } catch (error) {
    if(error.response){
      console.log(error)
    }
  }
})

newsr.post('/search', async(req,res)=>{
  const search=req.body.search
  //console.log(req.body.search)

  try {
```



```

        var url =
`http://newsapi.org/v2/everything?q=${search}&apiKey=23a2909fa767474e80a1be104
d70da61`

        const news_get =await axios.get(url)
        res.render('news',{articles:news_get.data.articles})

    } catch (error) {
        if(error.response){
            console.log(error)
        }
    }
})

newsr.get('/news/:category',async(req,res)=>{
    var category = req.params.category;
    try {
        var url = 'http://newsapi.org/v2/top-headlines?country=in&category=' +
category + '&apiKey=23a2909fa767474e80a1be104d70da61';

        const news_get =await axios.get(url)
        res.render('category',{articles:news_get.data.articles})

    } catch (error) {
        if(error.response){
            console.log(error)
        }
    }
})

newsr.get

module.exports=newsr

```

## Views(folder)

### App.js

```
const express = require('express')
const app=express()
const port = process.env.PORT||3000;
//const bodyParser = require('body-parser');
const moment = require('moment')
app.locals.moment = moment;

// template engine
app.use(express.static('public'))
app.set('view engine','ejs')

app.use(express.urlencoded({ extended: true }));
app.use('/',require('./routes/news'))

app.set('views','./views')

app.listen(port,()=> console.log("started"))
```

## package.json

```
{
  "name": "new",
  "version": "1.0.0",
  "description": "",
  "main": "app.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1",
    "start": "node app.js",
    "dev": "nodemon app.js"
  },
  "author": "",
  "license": "ISC",
  "dependencies": {
    "axios": "^0.23.0",
    "body-parser": "^1.19.0",
    "ejs": "^3.1.6",
    "express": "^4.18.2",
    "math": "0.0.3",
    "moment": "^2.29.1"
  },
  "devDependencies": {
    "nodemon": "^2.0.13"
  }
}
```

**Thank You !!**

# **Conclusion**

With the theoretical inclination of our syllabus it becomes very essential to take the utmost advantage of any opportunity of gaining practical experience that comes along. The construction of this Minor Project “NEWS WEBSITE” was one of these opportunities. It gave us the requisite practical knowledge to supplement the already taught theoretical concepts thus making us more competent as a computer engineer.

The project from a personal point of view also helped us in understanding the following aspects of project development:

- The planning that goes into implementing a project.
- The importance of proper planning and an organized methodology.
- The key element of team spirit and co-ordination in a successful project

The project also provided us the opportunity of interacting with our teachers and to gain from their vast experience.



# **Bibliography**

## **References :**

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  - [www.tutorialspoint.com](http://www.tutorialspoint.com)
  - **News API**
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