

Project Report Format

1. INTRODUCTION

1. Project Overview

In the present era, the internet and new technologies are changing the information behavior of news reader. Instead of reading a copy of the local newspaper or watching the scheduled-evening news, people increasingly turn to the internet for daily news updates. News-waves is a web based application. This application deals with the user who wants to read news from the web application. The users can easily read news from all over the world. The users get to read trending and breaking news by registering themselves in the website. They also have special access to those news all over the world. This application is fully responsive and has a good-looking user interface. The users will find this application much interesting for reading the news articles.

2. Purpose

The goal of this project is to build a web based news application for everyone so that they can read all the news anywhere and anytime. This project intends to provide a better solution for the manual newspaper as it cannot be used always. The users can use this application easily anywhere and anytime.

2. LITERATURE SURVEY

1. Existing problem

Most of the people get the information about the world news through the internet, which is fast accessible and reliable. People have no time to be updated through newspaper or watching news in the television, so different web applications have introduced to provide news across the world. Most of the existing systems provides news only on some of the categories. Few single websites only provide local or national news. Most of the system does not integrate local, national and international news embedded in one system.

2. References

News Break - <https://www.newsbreakapp.com/>

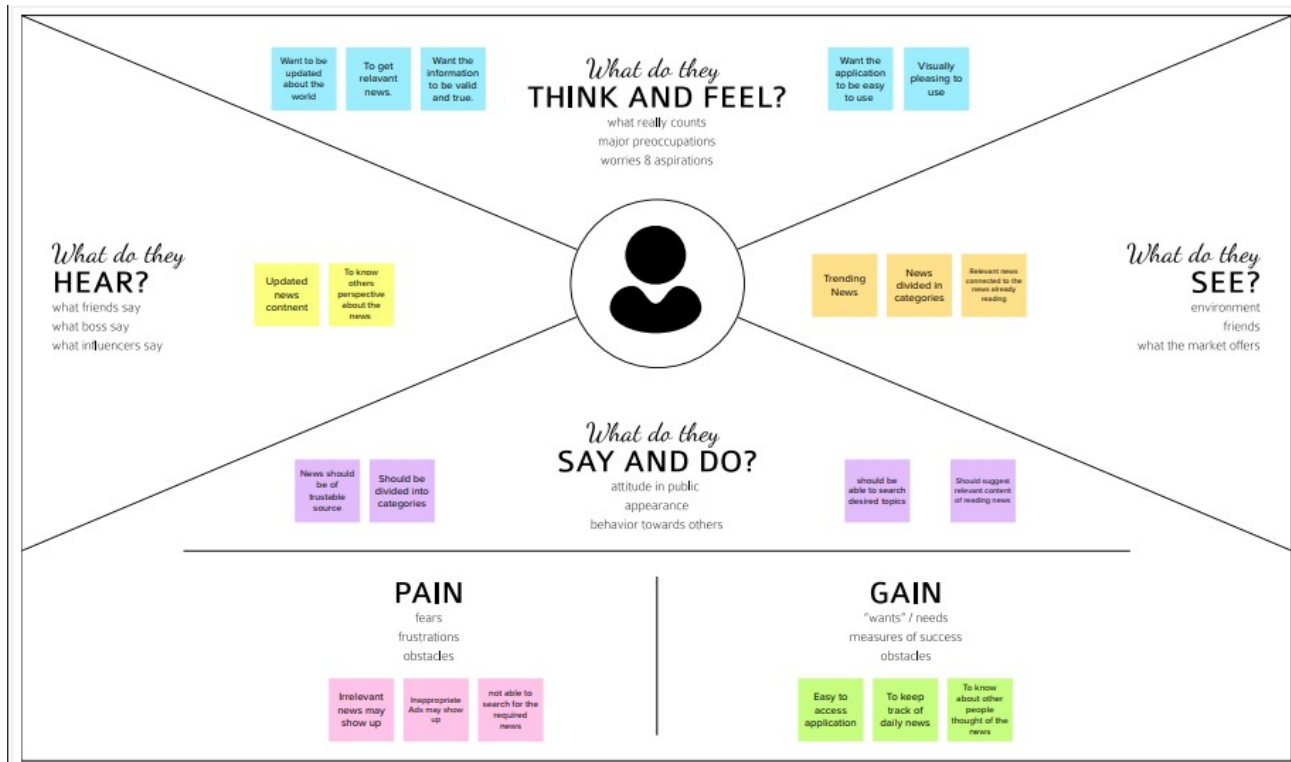
Indian Express - <https://indianexpress.com/>

3. Problem Statement Definition

Most of the people do not like to carry a newspaper with them. Some people want them to be updated only in the area they are interested in. Users are not possible to get latest news in their busy schedule and a lot of fake news is broadcast. A news sharing app seeks to make it easier for the users to relevant news and to clearly indicate that the information is real and has been gathered from the reputable source.

3. IDEATION & PROPOSED SOLUTION

1. Empathy Map Canvas

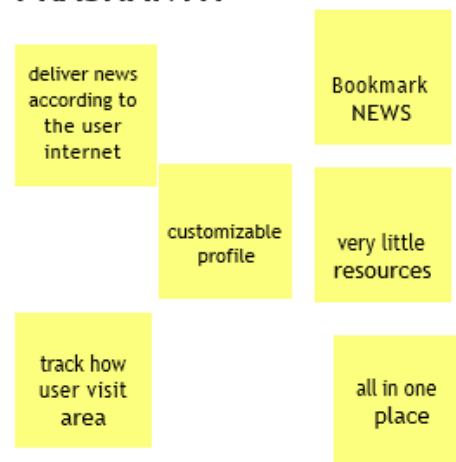


2. Ideation & Brainstorming

SETHU



PRASHANTH



ANITHA



MUGITHA



3. Proposed Solution

We are well aware of the user's interested and uninterested topics. By providing the news feed feature which contain quick short news where user time can be saved. An application needs to be developed in which users can read news whenever they want and they will be able to customize their area of interest. which aggregates the news from all the reliable sources and categorize them under different sections for the best user experience. As it was an application-based project, correct ideation and execution can develop an application with no bugs and errors, so that the user might like our application and some might suggest and share it to their surroundings, resulting in an increase in our application insights. This solution is scalable since it is enabled through cloud technologies offered by IBM enabling scalability on a consumer demand.

4. Problem Solution fit

1. CUSTOMER SEGMENT(S)

1. Employees
2. Students
3. Old people
4. Young people
5. Business Official

2. JOBS-TO-BE-DONE/PROBLEMS

1. Bad user interface.
2. Internet and dataconsumption.

3. To avoid fake news
4. Implementation of dark mode.

3. TRIGGERS

1. Updating of preferred news story.
2. When any news goes viral

4. EMOTIONS: BEFORE / AFTER

1. Feels dejected while facing glitch issues.
2. Feels frustrated while seeing advertisements.

5. AVAILABLE SOLUTIONS

1. User can customize their news content based upon their preferences.
2. Chatbot solves the queries
3. Recommendation of preferred news topics.

6. CUSTOMER

1. Cannot use in offline mode
2. Network connection
3. Payment for subscription may be high.

7. BEHAVIOUR

1. Installation of application using internet
2. Searching for news and wasting time on it.
3. Users get irritated while using bad user interface.

8. CHANNELS OF BEHAVIOUR

8.1 ONLINE

User can use this app based upon their needs. They can use read aloud option while online.

8.2 OFFLINE

User can download their preferred news and read it Offline.

9. PROBLEM ROOT CAUSE

1. Appearance of unwanted notifications.
2. No download option may make the user frustrated when there is no internet available.
3. Light from the screen may affect the user's eyes.

10. YOUR SOLUTION

A news app is developed to excel all expectations of the users, which stand out

among all competitors. Recommendation of preferred news topics plays a major role in this news app.

4. REQUIREMENT ANALYSIS

1. Functional requirement

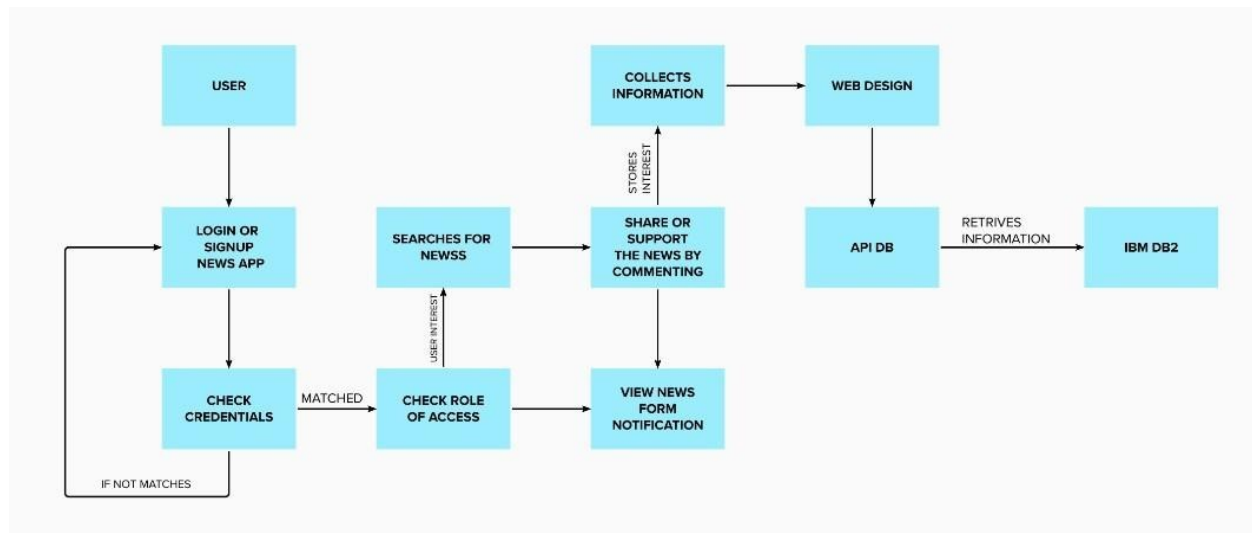
FR No.	Functional Requirement (Epic)	Sub Requirement (Story/ Sub-Task)
FR-1	User Installation	User can install the app from google play store, App store and from website.
FR-2	User Registration	Registration through Form Registration through Gmail Registration through Mobile number.
FR-3	User Confirmation	Confirmation via Email Confirmation via OTP
FR-4	User login	User should login the app with the User's name and password.
FR-5	User Information	User can include their preferred topics so that they could be recommended by the application.

2. Non-Functional requirements

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	This app is user friendly app, where users can clear their queries with the chatbot.
NFR-2	Security	This app is secured app, where users information is encrypted properly.
NFR-3	Reliability	This app can be accessed anywhere and anytime. User can download the news offline.
NFR-4	Performance	The app is well tested and hence the performance of the app is great.
NFR-5	Availability	Chatbot is available in this app to rectify the queries of the users. Variety of news is provided by this app.

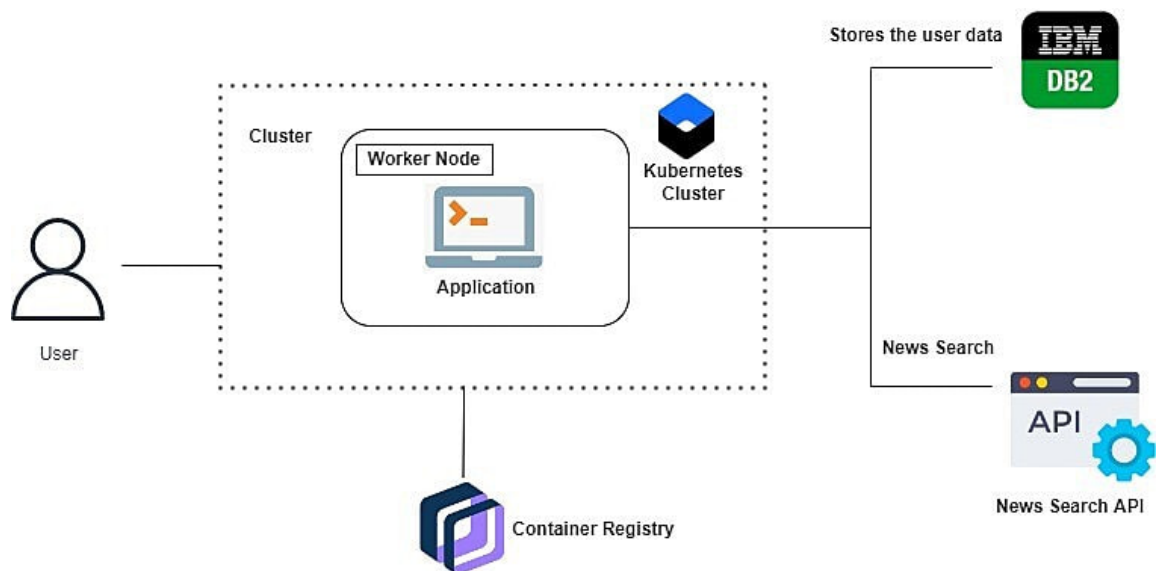
5. PROJECT DESIGN

1. Data Flow Diagrams



2. Solution & Technical Architecture

- The user can login to the system using their credentials.
- After checking the credentials, if the credential matches, the user can be able to search the news and feeds.
- The user has a privilege to share the news and supporting the news feeds by commenting it.
- User receives notification of updated news.
- All the information collected by user and stored in database for future purpose.
- Here we used an API for the database that called IBM DB2.



3. User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can receive password to mail.	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can receive confirmation mail.	High	Sprint-1
	Dashboard	USN-6	The news portal and shows the recent news as Breaking NEWS	I can Open and view the news portal.	Low	Sprint-2
Customer (Web user)	Search Bar	USN-7	User searches for news based on their own interest.	I can view the related news and can watch videos.	High	Sprint-1
		USN-8	The news can be viewed that is appearing on the dashboard.	On the dashboard. I shall click on the news wanted and can open it.	High	Sprint-1
Administrator	Server	USN-9	Provides correct news available from the database.	Provide the correct news from the database and fake news will be rejected	Medium	Sprint-1
		USN-10	Provide live news with video and audio contents.	I can get the news in which I am interested.	high	Sprint-1

6. PROJECT PLANNING & SCHEDULING

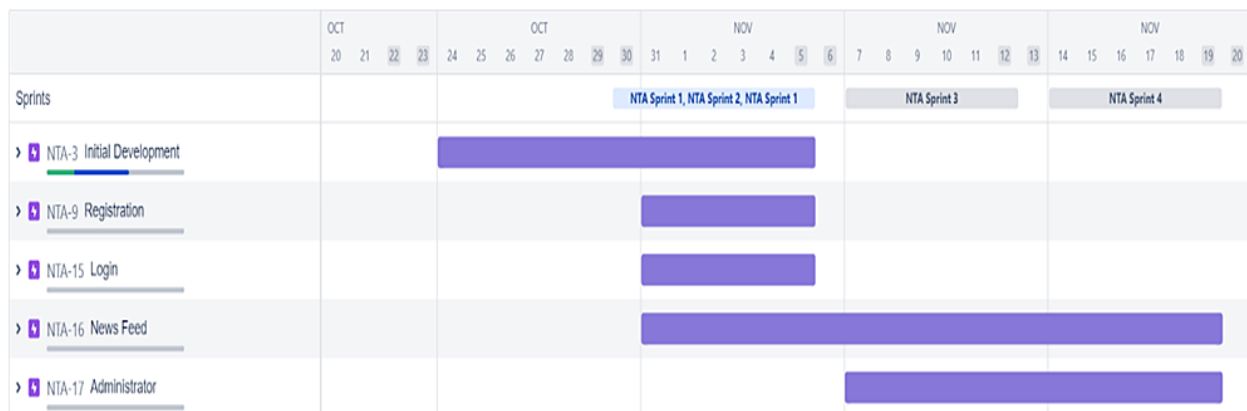
1. Sprint Planning & Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-1	As a user, I can log into the application by entering email & password	2	High	SETHU K.M.S, PRASANTHK
Sprint-1	Registration	USN-2	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	MUGTHA V, ANITHA S
Sprint-2		USN-3	As a user, I will receive confirmation email once I have registered for the application	1	High	SETHU K.M.S, MUGTHA V
Sprint-2	Home Page	USN-4	As a user, I can view the headlines of the news that interests me	2	High	PRASANTH K, ANITHA S
Sprint-3		USN-5	As a user I can view the elaborate content of the headlines	2	Medium	SETHU K.M.S, PRASANTH K
Sprint-4		USN-6	As a user I can search a news I want	2	High	MUGITHA V, ANITHA S
Sprint-3	Chatbot	USN-7	As a user I can solve my doubts about the application with the help of the chatbot. If the doubt is not resolved the chatbot guides us on how to contact the customer care executive	2	Medium	SETHU K.M.S, MUGTHA V
Sprint-4	About us	USN-8	As a user I can view about the application	1	Low	PRASANTH K

2. Sprint Delivery Schedule

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	4	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	3	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	4	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	3	19 Nov 2022

3. Reports from JIRA



7. CODING & SOLUTIONING

1. Chatbot

A chatbot is software that simulates human-like conversations with users via text messages on chat. Its key task is to help users by providing answers to their questions. Bots can chat with multiple users simultaneously and provide information within seconds. Two chatbots are integrated in this website. One chatbot is used in the main page of the website before login. Another chatbot is used after the user's login and it has the features of viewing trending, breaking and updated feeds. The categories of the news can also be asked to the chatbot.

2. Integration of Rapid API

API stands for application programming interface, which is a set of definitions and protocols for building and integrating application software. Rapid API is one of the most common and widely used API. The Rapid API has a substantial amount of initial amount of API for each purpose.

We use the API named News-catcher for this project. The News-catcher API is a powerful application programming interface that allows users to find news articles by topic, language, country, website, and keywords. Hence, the use of news-catcher API in the project gives the user a better searching of news.

8. TESTING

8.1. Test Cases

The Test cases for the News Tracker application are as follows

- Verify If user can Sign up to the account
- Verify If already signed up user cannot log into the account
- Verify if user is able to see Login/Register when clicked on it
- Verify if user is able to filter articles based on categories
- Verify if user is able to see detailed information when clicked on read more

8.2. User Acceptance Testing

8.2.1 Purpose of Document

The purpose of this document is to briefly explain the test coverage and open issues of the News Tracker Application project at the time of the release to User Acceptance Testing (UAT).

8.2.2. Defect Analysis

This report shows the number of resolved or closed bugs at each severity level, and how they were resolved.

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	10	4	2	3	20
Duplicate	1	0	3	0	4
External	2	3	0	1	6
Fixed	11	2	4	20	37
Not Reproduced	0	0	1	0	1
Skipped	0	0	1	1	2
Won't Fix	0	5	2	1	8
Totals	24	14	13	26	77

8.2.3. Test Case Analysis

This report shows the number of test cases that have passed, failed and untested.

Section	Total Cases	Not Tested	Fail	Pass
Print Engine	7	0	0	7
Client Application	51	0	0	51
Security	2	0	0	2
Outsource Shipping	3	0	0	3
Exception Reporting	9	0	0	9
Final ReportOutput	4	0	0	4
Version Control	2	0	0	2

9. ADVANTAGES & DISADVANTAGES

10.1. Advantages

1. Simple to Access and Read
2. Upgrades Vocabulary and Grammar
3. Accessed anywhere and anytime
4. Prevents the usage of newspaper
5. Cost-efficient

10.2. Disadvantages

1. Not suitable for long time usage
2. Technical issues

10. CONCLUSION

In our website, an attempt has been made to develop a news based information site. We develop this project that helps the people and make them aware so that they can know any news. To establish this website, we use various methodologies. To develop this project, we have faced many problem but we hardly tried to develop this project. Our supervisor helps us by giving his valuable

opinion, decision and time.

11. FUTURE SCOPE

In a nut shell, the future scope of the project can be summarized as follows:

1. We can add more advanced software that includes more facilities.
2. Implement backup mechanism so that the user's data can be restored.
3. Create multiple load balancers to split up the load.

12. APPENDIX

Source Code

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="utf-8">

  <title>Newswaves</title>

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

  <!-- theme meta -->

  <meta name="theme-name" content="newswaves">

  <!--Favicon-->

  <link rel="shortcut icon" href="{{ url_for('static', filename='images/favicon.ico') }}" type="image/x-
  icon">

  <link rel="icon" href="{{ url_for('static', filename='images/favicon.ico') }}" type="image/x-icon">

  <link rel="apple-touch-icon" sizes="180x180" href="{{ url_for('static', filename='images/apple-touch-
  icon.png') }}">

  <!-- THEME CSS

  ===== -->

  <!-- Bootstrap -->

  <link rel="stylesheet" href="{{ url_for('static', filename='plugins/bootstrap/css/bootstrap.min.css')"
```

```
    }}">

<!-- FontAwesome -->

<link rel="stylesheet" href="{{ url_for('static', filename='plugins/font-awesome/css/font-
awesome.min.css') }}">

<!-- Slick Carousel -->

<link rel="stylesheet" href="{{ url_for('static', filename='plugins/slick-carousel/slick.css') }}">

<link rel="stylesheet" href="{{ url_for('static', filename='plugins/slick-carousel/slick-theme.css') }}">

<!-- main stylesheet -->

<link rel="stylesheet" href="{{ url_for('static', filename='css/style.css') }}">

</head>

<body>

<header class="header-navigation d-none d-lg-block">

    <div class="container">

        <div class="row align-items-center">

            <div class="col-xs-12 col-sm-3 col-md-3">

                <!-- Logo -->

                <div class="logo">

                    <a href="{{ url_for('index') }}">

                         <!-- Replace Logo Here -->

                    </a>

                </div>

                <!-- End Logo -->

            </div>

        </div>

    </div>

</header>
```

```
<div class="hwrap"><div class="hmove">

  <div class="hitem">Login with us to read Breaking and Trending News!!!</div>

  <div class="hitem">Login with us to read Breaking and Trending News!!!</div>

  <div class="hitem">Login with us to read Breaking and Trending News!!!</div>

  <div class="hitem">Login with us to read Breaking and Trending News!!!</div>

</div>

</div>

<style>

  /* (A) FIXED WRAPPER */

  .hwrap {

    overflow: hidden; /* HIDE SCROLL BAR */

    background: black;

    margin-left: 25%;

    margin-top: -9.035%;

    margin-bottom: 2%;

  }

  /* (B) MOVING TICKER WRAPPER */

  .hmove { display: flex; }

  /* (C) ITEMS - INTO A LONG HORIZONTAL ROW */

  .hitem {

    color: #eee;

    font-size: 150%;

    flex-shrink: 0;

    width: 100%;

    box-sizing: border-box;
```

```
padding: 29px;
text-align: center;
}
```

```
/* (D) ANIMATION - MOVE ITEMS FROM RIGHT TO LEFT */
/* 4 ITEMS -400%, CHANGE THIS IF YOU ADD/REMOVE ITEMS */
@keyframes tickerh {
0% { transform: translate3d(100%, 0, 0); }
100% { transform: translate3d(-400%, 0, 0); }
}
.hmove { animation: tickerh linear 40s infinite; }
.hmove:hover { animation-play-state: paused; }
</style>
```

```
<div class="main-navbar clearfix bg-dark ">
  <div class="container">
    <div class="row">
      <div class="col-lg-12">
        <nav class="navbar navbar-expand-lg site-main-nav navigation">
          <a class="navbar-brand d-lg-none" href="{{ url_for('index') }}">
            
          </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="fa fa-bars"></span>
          </button>
```

```
<div class="collapse navbar-collapse" id="navbarSupportedContent">

  <ul class="navbar-nav mr-auto">

    <li class="nav-item dropdown">

      <a class="nav-link" href="#" role="button" data-toggle="" aria-haspopup="true" aria-
expanded="">

        Home

      </a>

    </li>

    <li class="nav-item dropdown">

      <a class="nav-link dropdown-toggle" href="#" role="button" data-
toggle="dropdown" aria-haspopup="true" aria-expanded="false">

        Post

      </a>

      <div class="dropdown-menu" >

        <a class="dropdown-item" href="/post-left-sidebar">Education</a>

        <a class="dropdown-item" href="/post-full-width">Business</a>

        <a class="dropdown-item" href="/single-post">Entertainment</a>

        <a class="dropdown-item" href="/post-category-1">Sports</a>

        <a class="dropdown-item" href="/post-category-2">Weather</a>

        <a class="dropdown-item" href="/author">Author</a>

      </div>

    </li>

    <li class="nav-item dropdown">

      <a class="nav-link dropdown-toggle" href="#" role="button" data-
toggle="dropdown" aria-haspopup="true" aria-expanded="false">
```

Account

<div class="dropdown-menu">

Log In

Register

</div>

<li class="nav-item dropdown">

About

<div class="dropdown-menu">

About

Terms

Privacy Policy

</div>

<li class="nav-item">

Contact

<div class="nav-search ml-auto d-none d-lg-block">


```
        <i class="fa fa-search"></i>

    </span>

</div>

</div>

</nav>

</div>

</div>

</div>

<form class="site-search" method="get">

    <input type="text" id="searchInput" name="site_search" placeholder="Enter Keyword Here..."
    autofocus="">

    <div class="search-close">

        <span class="close-search">

            <i class="fa fa-times"></i>

        </span>

    </div>

</form>

</div>

<div class="py-30"></div>

<section class="featured-posts">

    <div class="container">

        <div class="row no-gutters">

            <div class="col-md-6 col-xs-12 col-lg-4">

                <div class="featured-slider mr-md-3 mr-lg-3">
```

```
<div class="item" style="background-image:url({ { url_for('static',
filename='images/news/img-1.jpg') }})">

    <div class="post-content">

        <a href="#" class="post-cat bg-primary">Entertainment</a>

        <h2 class="slider-post-title">

            <a href="/single-post">Here's How To Get Free Pizza On</a>

        </h2>

        <div class="post-meta mt-2">

            <span class="posted-time"><i class="fa fa-clock-o mr-2 text-danger"></i>19 hours
ago</span>

            <span class="post-author">

                by

                <a href="/author">Rodinho Summon</a>

            </span>

        </div>

    </div>

</div>

</div>

</div>

</div>
```

```
<div class="col-md-6 col-xs-12 col-lg-4">

    <div class="featured-slider mr-lg-3">

        <div class="item" style="background-image:url({ { url_for('static',
filename='images/news/img-2.jpg') }})">

            <div class="post-content">

                <a href="#" class="post-cat bg-danger">game</a>

                <h2 class="slider-post-title">
```

```
<a href="/single-post">Call Of Duty: Black Ops 4 Releasing</a>

</h2>

<div class="post-meta mt-2">

  <span class="posted-time"><i class="fa fa-clock-o mr-2 text-danger"></i>19 hours
ago</span>

  <span class="post-author">

    <span> by </span>

    <a href="/author">Rodinho Summon</a>

  </span>

</div>

</div>

</div>

</div>

<div class="col-md-12 col-xs-12 col-sm-12 col-lg-4">

  <div class="row mt-3 mt-lg-0">

    <div class="col-lg-12 col-xs-12 col-sm-6 col-md-6">

      <div class="post-featured-style" style="background-image:url({ { url_for('static',
filename='images/news/news-02.jpg') }})">

        <div class="post-content">

          <a href="#" class="post-cat bg-success">lifestyle</a>

          <h2 class="post-title">

            <a href="single-post.html">Healthy diet to keep you healthy and strong</a>

          </h2>

          <div class="post-meta mt-2">

            <span class="posted-time"><i class="fa fa-clock-o mr-2 text-danger"></i>19 hours
ago</span>
```

```
<span class="post-author">

    <span> by </span>

    <a href="author.html">Rodinho Summon</a>

</span>

</div>

</div>

</div>

</div>

<div class="col-lg-12 col-xs-12 col-sm-6 col-md-6">

    <div class="post-featured-style" style="background-image:url({ { url_for('static',
filename='images/news/news-04.jpg') }})">

        <div class="post-content">

            <a href="#" class="post-cat bg-info">travel</a>

            <h2 class="post-title">

                <a href="single-post.html">Call Of Duty: Black Ops 4 Releasing</a>

            </h2>

            <div class="post-meta mt-2">

                <span class="posted-time"><i class="fa fa-clock-o mr-2 text-danger"></i>19 hours
ago</span>

                <span class="post-author">

                    <span> by </span>

                    <a href="author.html">Rodinho Summon</a>

                </span>

            </div>

        </div>

    </div>

</div>
```

</div>

</div>

</div>

</div>

</section>

<section class="block-wrapper">

<div class="container">

<div class="row">

<div class="col-lg-8 col-md-12 col-sm-12 col-xs-12">

<div class="news-style-one">

<h3 class="news-title">

Editor Picks

</h3>

<div class="news-style-one-slide">

<div class="item">

<div class="post-block-wrapper clearfix mb-5">

<div class="post-thumbnail">

</div>

<div class="post-content">

<h2 class="post-title mt-3">

Ex-Googler warns coding bootcamps are lacking

</h2>

<div class="post-meta mb-2">

```
<span class="posted-time"><i class="fa fa-clock-o mr-2"></i>5 hours ago</span>

<span class="post-author">

  by

  <a href="/author">Tarnak Sunder</a>

</span>

</div>

<p>Suscipit beatae facilis doloribus aliquam sed expedita accusantium itaque assumenda
laborum facere aliquid hic.</p>

</div>

</div>
```

```
<div class="post-block-wrapper clearfix mb-5 ">

  <div class="post-thumbnail">

    <a href="single-post.htm">

    </a>

  </div>

  <div class="post-content">

    <h2 class="post-title">

      <a href="/single-post">Extra Crunch The next service marketplace wave: Vertical </a>

    </h2>

    <div class="post-meta mb-2">

      <span class="posted-time"><i class="fa fa-clock-o mr-2"></i>5 hours ago</span>

      <span class="post-author">

        by


```

```
        <a href="/author">Tarnak Sunder</a>

    </span>

</div>

<p>Suscipit beatae facilis doloribus aliquam sed expedita accusantium itaque assumenda
laborum facere aliquid hic.</p>

</div>

</div>

</div>

<div class="item">

    <div class="post-block-wrapper clearfix mb-5">

        <div class="post-thumbnail">

            <a href="single-post.htm">

            </a>

        </div>

        <div class="post-content">

            <h2 class="post-title ">

                <a href="/single-post">Apple HomePod review: locked in device to start out</a>

            </h2>

            <div class="post-meta mb-2">

                <span class="posted-time"><i class="fa fa-clock-o mr-2"></i>5 hours ago</span>

                <span class="post-author">

                    by

                    <a href="/author">Tarnak Sunder</a>

                </span>

            </div>

        </div>

    </div>

</div>
```

</div>

<p>Suscipit beatae facilis doloribus aliquam sed expedita accusantium itaque assumenda laborum facere aliquid hic.</p>

</div>

</div>

<div class="post-block-wrapper clearfix mb-5">

<div class="post-thumbnail">

</div>

<div class="post-content">

<h2 class="post-title title-lg">

Intel's new smart glasses actually look good

</h2>

<div class="post-meta mb-2">

<i class="fa fa-clock-o mr-2"></i>5 hours ago

by

Tarnak Sunder

</div>

<p>Suscipit beatae facilis doloribus aliquam sed expedita accusantium itaque assumenda laborum facere aliquid Reiciendis.</p>

</div>

</div>

</div>

<div class="item">

<div class="post-block-wrapper clearfix mb-5">

<div class="post-thumbnail">

</div>

<div class="post-content">

<h2 class="post-title">

Here's How To Get Free Pizza On lets check it out

</h2>

<div class="post-meta mb-2">

<i class="fa fa-clock-o mr-2"></i>5 hours ago

by

Tarnak Sunder

</div>

<p>Suscipit beatae facilis doloribus aliquam sed expedita accusantium itaque assumenda laborum facere aliquid hic.</p>

</div>

</div>

<div class="post-block-wrapper clearfix mb-5">

<div class="post-thumbnail">

</div>

<div class="post-content">

<h2 class="post-title">

Call Of Duty: Black Ops 4 Releasing

</h2>

<div class="post-meta mb-2">

<i class="fa fa-clock-o mr-2"></i>5 hours ago

by

Tarnak Sunder

</div>

<p>Suscipit beatae facilis doloribus aliquam sed expedita accusantium itaque assumenda laborum facere aliquid similique.</p>

</div>

</div>

</div>

<div class="item">

<div class="post-block-wrapper clearfix mb-5">

<div class="post-thumbnail">

</div>

<div class="post-content">

<h2 class="post-title">

Your social media apps want to help

</h2>

<div class="post-meta mb-2">

<i class="fa fa-clock-o mr-2"></i>5 hours ago

by

Tarnak Sunder

</div>

<p>Suscipit beatae facilis doloribus aliquam sed expedita accusantium itaque assumenda laborum facere aliquid hic.</p>

</div>

</div>

```
<div class="post-block-wrapper clearfix mb-5">

  <div class="post-thumbnail">

    <a href="single-post.htm">

    </a>

  </div>

  <div class="post-content">

    <h2 class="post-title">

      <a href="/single-post">PS4 Games Sale: All The PSN Deals</a>

    </h2>

    <div class="post-meta mb-2">

      <span class="posted-time"><i class="fa fa-clock-o mr-2"></i>5 hours ago</span>

      <span class="post-author">

        by

        <a href="/author">Tarnak Sunder</a>

      </span>

    </div>

    <p>Suscipit beatae facilis doloribus aliquam sed expedita accusantium itaque assumenda
laborum facere aliquid Reiciendis.</p>

  </div>

</div>

</div>

</div>

<div class="py-40"></div>

<div class="news-style-two">
```

```

<h3 class="news-title">

    <span>Tech</span>

</h3>

<div class="row">

    <div class="col-md-6 col-sm-6">

        <div class="post-block-wrapper clearfix">

            <div class="post-thumbnail">

                <a href="/single-post">

                </a>

            </div>

            <a class="post-category" href="category-style1/single-post">Tech</a>

            <div class="post-content">

                <h2 class="post-title mt-3">

                    <a href="/single-post">YouTube will remove ads and downgrade</a>

                </h2>

                <div class="post-meta mb-2">

                    <span class="posted-time"><i class="fa fa-clock-o mr-2"></i>5 hours ago</span>

                    <span class="post-author">

                        by

                        <a href="/author">Tarnak Sunder</a>

                    </span>

                </div>

                <p>Lumbersexual meh sustainable Thundercats meditation kogi. Tilde Pitchfork vegan,

```

gentrify minim

elit semiotics non messenger bag Austin which roasted</p>

</div>

</div>

</div>

<div class="col-md-6 col-sm-6">

<div class="post-list-block m-top-0">

<div class="post-block-wrapper post-float clearfix">

<div class="post-thumbnail">

</div>

<div class="post-content">

<h2 class="post-title title-sm">

Intel's new smart glasses actually look good

</h2>

<div class="post-meta">

<i class="fa fa-clock-o mr-2"></i>7 hours ago

</div>

</div>

</div>

<div class="post-block-wrapper post-float clearfix">

```
<div class="post-thumbnail">

  <a href="/single-post">

  </a>

</div>
```

```
<div class="post-content">

  <h2 class="post-title title-sm">

    <a href="/single-post">Apple HomePod review: locked in</a>

  </h2>

  <div class="post-meta">

    <span class="posted-time"><i class="fa fa-clock-o mr-2"></i>10 hours ago</span>

  </div>

</div>

</div>
```

```
<div class="post-block-wrapper post-float clearfix">

  <div class="post-thumbnail">

    <a href="/single-post">

    </a>

  </div>
```

```
<div class="post-content">

  <h2 class="post-title title-sm">
```

```
        <a href="/single-post">Your social media apps want to help</a>
    </h2>

    <div class="post-meta">

        <span class="posted-time"><i class="fa fa-clock-o mr-2"></i>11 hours ago</span>

    </div>

</div>

<div class="post-block-wrapper post-float clearfix">

    <div class="post-thumbnail">

        <a href="/single-post">

        </a>

    </div>

    <div class="post-content">

        <h2 class="post-title title-sm">

            <a href="/single-post">Flu season rages on,2009 swine flu</a>

        </h2>

        <div class="post-meta">

            <span class="posted-time"><i class="fa fa-clock-o mr-2"></i>12 hours ago</span>

        </div>

    </div>

</div>

</div>

</div>
```


</div>

</div>

</div>

<div class="col-lg-4 col-md-6 col-sm-12 col-xs-12">

<div class="sidebar">

<div class="widget">

<h3 class="news-title">

Stay in touch

</h3>

<ul class="list-inline social-widget">

<li class="list-inline-item">

<i class="fa fa-play"></i>

<li class="list-inline-item">

<i class="fa fa-facebook"></i>

<li class="list-inline-item">

<i class="fa fa-twitter"></i>


```
<li class="list-inline-item">
  <a class="social-page pinterest" href="#">
    <i class="fa fa-pinterest"></i>
  </a>
```

```
</li>
<li class="list-inline-item">
  <a class="social-page linkedin" href="#">
    <i class="fa fa-linkedin"></i>
  </a>
</li>
```

```
<li class="list-inline-item">
  <a class="social-page youtube" href="#">
    <i class="fa fa-youtube"></i>
  </a>
</li>
```

```
</ul>
```

```
</div>
```

```
  <div class="widget">
    <h3 class="news-title">
      <span>Hot News</span>
    </h3>
```

```
<div class="post-overlay-wrapper">
  <div class="post-thumbnail">
```

```


</div>

<div class="post-content">

  <a class="post-category white" href="post-category-1">Fashion</a>

  <h2 class="post-title">

    <a href="/single-post">First Look At Self-Portrait's Autumn Collection...</a>

  </h2>

  <div class="post-meta white">

    <span class="posted-time"><i class="fa fa-clock-o mr-1"></i>17 jun,2019</span>

    <span> by </span>

    <span class="post-author">

      <a href="/author">Jammy Anderson</a>

    </span>

  </div>

</div>

</div>

<div class="post-list-block">

  <div class="post-block-wrapper post-float ">

    <div class="post-thumbnail">

      <a href="/single-post">

      </a>

    </div>

    <div class="post-content">

      <h2 class="post-title title-sm">
```

```
<a href="/single-post">Apple HomePod review: locked in</a>

</h2>

<div class="post-meta">

  <span class="posted-time"><i class="fa fa-clock-o mr-1"></i>2 hours ago</span>

</div>

</div>

</div>

<div class="post-block-wrapper post-float">

  <div class="post-thumbnail">

    <a href="/single-post">

    </a>

  </div>

  <div class="post-content">

    <h2 class="post-title title-sm">

      <a href="/single-post">Intel’s new smart glasses actually look good</a>

    </h2>

    <div class="post-meta">

      <span class="posted-time"><i class="fa fa-clock-o mr-1"></i> 15 March , 2019</span>

    </div>

  </div>

</div>

</div>

<div class="post-block-wrapper post-float">

  <div class="post-thumbnail">

    <a href="/single-post">

</a>

</div>

<div class="post-content">

<h2 class="post-title title-sm">

<a href="/single-post">Free Two-Hour Delivery From Whole Foods</a>

</h2>

<div class="post-meta">

<span class="posted-time"><i class="fa fa-clock-o mr-1"></i> 5 hours ago</span>

</div>

</div>

</div>

<div class="post-block-wrapper post-float">

<div class="post-thumbnail">

<a href="/single-post">



</a>

</div>

<div class="post-content">

<h2 class="post-title title-sm">

<a href="/single-post">Here's How To Get Free Pizza On</a>

</h2>

<div class="post-meta">

<span class="posted-time"><i class="fa fa-clock-o mr-1"></i> 17 June, 2019</span>

</div>

</div>

</div>

</div>

</div>

<div class="widget mb-0">

<h3 class="news-title">

<span>Beauty Blog</span>

</h3>

<div class="post-slide">

<div class="item">

<div class="post-overlay-wrapper clearfix">

<div class="post-thumbnail">

<a href="/single-post">



</a>

</div>

<div class="post-content">

<a class="post-category white" href="/post-category-2">Hair</a>

<h2 class="post-title">

<a href="/single-post">On Beauty: Style and Fashion Blogger...</a>

</h2>

<div class="post-meta white">

<span class="posted-time">4 hours ago</span>

<span> by </span>

<span class="post-author">

```
 Jammy Anderson

</div>

</div>

</div>

<div class="post-overlay-wrapper clearfix mt-3">

 <div class="post-thumbnail">

 </div>

 <div class="post-content">

 Eyes

 <h2 class="post-title">

 The Best Eye Makeup Tutorials fo...

 </h2>

 <div class="post-meta white">

 5 hours ago

 by

 Roberto Carlous

 </div>

 </div>

 </div>

</div>
```

</div>

<div class="item ">

<div class="post-overlay-wrapper clearfix">

<div class="post-thumbnail">

<a href="/single-post">



</a>

</div>

<div class="post-content">

<a class="post-category white" href="/post-category-2">Nail</a>

<h2 class="post-title">

<a href="/single-post">5 Best Essie Polishes for Winter...</a>

</h2>

<div class="post-meta white">

<span class="posted-time">10 hours ago</span>

<span> by </span>

<span class="post-author">

<a href="/author">Jamalick Jack</a>

</span>

</div>

</div>

</div>

<div class="post-overlay-wrapper mt-3 clearfix">

<div class="post-thumbnail">



[illegible]

```
<section class="news-style-four bg-light section-padding">

 <div class="container">

 <div class="row">

 <div class="col-lg-4 col-md-6">

 <div class="block">

 <h3 class="news-title">

 Tour

 </h3>

 <div class="post-overlay-wrapper clearfix">

 <div class="post-thumbnail">

 </div>

 <div class="post-content">

 <h2 class="post-title ">

 An Asteroid Is Passing Earth Today: Here's How to

 </h2>

 <div class="post-meta white">

 2 hours ago

 by

 Rock Madveen

 <i class="fa fa-comments"></i>

 05

 </div>

 </div>

 </div>

 </div>

 </div>

 </div>

 </div>

</section>
```

</span>

</div>

</div>

</div>

<div class="post-list-block">

<div class="post-block-wrapper post-float clearfix">

<div class="post-thumbnail">



</div>

<div class="post-content">

<h2 class="post-title title-sm">

<a href="/single-post">Snow and Freezing Rain in Paris Forces the</a>

</h2>

<div class="post-meta">

<span class="posted-time">3 hours ago</span>

</div>

</div>

</div>

<div class="post-block-wrapper post-float clearfix">

<div class="post-thumbnail">



</div>

<div class="post-content">

<h2 class="post-title title-sm">

<a href="/single-post">Your social media apps want to help.</a>

</h2>

<div class="post-meta">

<span class="posted-time">8 hours ago</span>

</div>

</div>

</div>

<div class="post-block-wrapper post-float clearfix">

<div class="post-thumbnail">



</div>

<div class="post-content">

<h2 class="post-title title-sm">

<a href="/single-post">Today Is the Day Most People Quit Their New Year's</a>

</h2>

<div class="post-meta">

<span class="posted-time">9 hours ago</span>

</div>

</div>

</div>

</div>

</div>

</div>

<div class="col-lg-4 col-md-6">

<div class="block">

<h3 class="news-title">

<span>Game</span>

</h3>

<div class="post-overlay-wrapper clearfix">

<div class="post-thumbnail">



</div>

<div class="post-content">

<h2 class="post-title">

<a href="/single-post">Call Of Duty: Black Ops 4 Releasing</a>

</h2>

<div class="post-meta white">

<span class="posted-time">3 hours ago</span>

<span class="post-author">by

<a href="/author">Arya Stark</a>

</span>

<span class="pull-right">

<i class="fa fa-comments"></i>

<a href="/single-post#comments">10</a>

</span>

</div>

</div>

</div>

<div class="post-list-block">

<div class="post-block-wrapper post-float clearfix">

<div class="post-thumbnail">



</div>

<div class="post-content">

<h2 class="post-title title-sm">

<a href="/single-post">Apple HomePod review: locked in</a>

</h2>

<div class="post-meta">

<span class="posted-time">4 hours ago</span>

</div>

</div>

</div>

<div class="post-block-wrapper post-float clearfix">

<div class="post-thumbnail">



</div>

<div class="post-content">

```
<h2 class="post-title title-sm">
 Ex-Gogler warns coding bootcamps are lacking
</h2>

<div class="post-meta">
 5 hours ago
</div>
</div>
</div>

<div class="post-block-wrapper post-float clearfix">
 <div class="post-thumbnail">

 </div>

 <div class="post-content">
 <h2 class="post-title title-sm">
 PS4 Games Sale: All The PSN Deals
 </h2>
 <div class="post-meta">
 12 hours ago
 </div>
 </div>
</div>
</div>
</div>
</div>
```

```
<div class="col-lg-4 col-md-6">

 <div class="block">

 <h3 class="news-title">

 Health

 </h3>

 <div class="post-overlay-wrapper clearfix">

 <div class="post-thumbnail">

 </div>

 <div class="post-content">

 <h2 class="post-title">

 Here's How To Get Free Pizza On

 </h2>

 <div class="post-meta white">

 an hour ago

 by

 Mad King

 <i class="fa fa-comments"></i>

 30

 </div>

 </div>

 </div>

 </div>

</div>
```



```
<div class="post-list-block">

 <div class="post-block-wrapper post-float clearfix">

 <div class="post-thumbnail">

 </div>

 <div class="post-content">

 <h2 class="post-title title-sm">

 Free Two-Hour Delivery From Whole Foods

 </h2>

 <div class="post-meta">

 2 hours ago

 </div>

 </div>

 </div>

 <div class="post-block-wrapper post-float clearfix">

 <div class="post-thumbnail">

 </div>

 <div class="post-content">

 <h2 class="post-title title-sm">

 Your social media apps want to help
```

```
</h2>

<div class="post-meta">

 4 hours ago

</div>

</div>

</div>

<div class="post-block-wrapper post-float clearfix">

 <div class="post-thumbnail">

 </div>

 <div class="post-content">

 <h2 class="post-title title-sm">

 Snow and Freezing Rain in Paris Forces the

 </h2>

 <div class="post-meta">

 9 hours ago

 </div>

 </div>

</div>

</div>

</div>

</div>

</div>

</div>
```

</section>

<section class="section-padding">

<div class="container">

<div class="row">

<div class="col-lg-8 col-md-12 col-sm-12 col-xs-12">

<div class="all-news-block">

<h3 class="news-title">

<span>Latest Articles</span>

</h3>

<div class="all-news">

<div class="row">

<div class="col-lg-6 col-md-6">

<div class="post-block-wrapper post-float-half clearfix">

<div class="post-thumbnail">

<a href="/single-post">



</a>

</div>

<div class="post-content">

<a class="post-category" href="/post-category-2">Google</a>

<h2 class="post-title mt-3">

<a href="/single-post">Ex-Googler warns coding bootcamps are lacking</a>

</h2>

<div class="post-meta">

<span class="posted-time">an hour ago</span>

<span class="post-author">by

<a href="/author">John Snow</a>

</span>

</div>

<p>

Lorem ipsum dolor sit amet consectetur adipisicing elit. Vel eaque, aliquid accusamus soluta!...

</p>

</div>

</div>

</div>

<div class="col-lg-6 col-md-6">

<div class="post-block-wrapper post-float-half clearfix">

<div class="post-thumbnail">

<a href="/single-post">



</a>

</div>

<div class="post-content">

<a class="post-category" href="/post-category-2">Health</a>

<h2 class="post-title mt-3">

<a href="/single-post">Today Is the Day Most People Quit Their New Year's Party</a>

</h2>

<div class="post-meta">

<span class="posted-time">4 hours ago</span>

<span class="post-author">by

<a href="/author">Rimmon Ronnick</a>

</span>

</div>

<p>

Lorem ipsum dolor sit amet consectetur, adipisicing elit. Corporis blanditiis hic  
cumque excepturi...

</p>

</div>

</div>

</div>

</div>

</div>

</div>

<nav aria-label="pagination-wrapper" class="pagination-wrapper">

<ul class="pagination justify-content-center">

<li class="page-item active">

<a class="page-link" href="#" aria-label="Previous">

<span aria-hidden="true"><i class="fa fa-angle-double-left mr-2"></i></span>

<span class="">Previous</span>

</a>

</li>

<li class="page-item"><a class="page-link" href="#">1</a></li>

<li class="page-item"><a class="page-link" href="#">2</a></li>

<li class="page-item"><a class="page-link" href="#">3</a></li>

<li class="page-item">

```


 Next

 <i class="fa fa-angle-double-right ml-2"></i>

</nav>

</div>

<div class="col-lg-4 col-md-8 col-sm-12 col-xs-12">

 <div class="sidebar sidebar-right">

 <div class="widget">

<h3 class="news-title">

 Top Authors

</h3>

<div class="post-list-block">

 <div class=" review-post-list">

 <div class="top-author">

 <div class="info">

 <h4 class="name">Jack Rockshow</h4>

 <ul class="list-unstyled">

 37 Posts

 </div>

 </div>

 </div>

 <div class="top-author">


```

```
<div class="info">

 <h4 class="name">Lint Handson</h4>

 <ul class="list-unstyled">

 28 Posts

</div>

</div>

<div class="top-author">

 <div class="info">

 <h4 class="name">Ronny Robeen</h4>

 <ul class="list-unstyled">

 19 Posts

 </div>

</div>

<div class="top-author">

 <div class="info">

 <h4 class="name">Handson</h4>

 <ul class="list-unstyled">

 18 Posts

 </div>

</div>

</div>

</div>
```

</div>

</div>

</div>

</div>

</div>

</section>

<div class="py-40"></div>

<footer class="footer footer-main ">

<div class="container">

<div class="row justify-content-center">

<div class="col-md-8 col-sm-12 col-lg-6 text-center">

<a href="/index"></a>

<p class="mt-4">We are the good news that we have been looking for, Demonstrating that every dusk holds a dawn disguised within it. Today we don't burst into a new world. We begin it.</p>

<ul class="list-inline footer-social">

<li class="li list-inline-item"><a href="https://www.facebook.com/themefisher"><i class="fa fa-facebook"></i></a></li>

<li class="li list-inline-item"><a href="https://twitter.com/themefisher"><i class="fa fa-twitter"></i></a></li>

<li class="li list-inline-item"><a href="#"><i class="fa fa-linkedin"></i></a></li>

<li class="li list-inline-item"><a href="#"><i class="fa fa-pinterest"></i></a></li>

<li class="li list-inline-item"><a href="#"><i class="fa fa-rss"></i></a></li>

<li class="li list-inline-item"><a href="#"><i class="fa fa-youtube"></i></a></li>



</ul>

<!--<div class="copyright-text text-center">

<p class="mb-0">© All Copyright Reserved to - <a href="https://themefisher.com/"  
target="\_blank">Themefisher</a></p>

</div> -->

</div>

<div class="scroll-to-top">

<button class="btn btn-primary" title="Back to Top">

<i class="fa fa-angle-up"></i>

</button>

</div>

</div>

</div>

</footer>

<!-- THEME JAVASCRIPT FILES

===== -->

<!-- initialize jQuery Library -->

<script src="{ { url\_for('static', filename='plugins/jquery/jquery.js') } }"></script>

<!-- Bootstrap jQuery -->

<script src="{ { url\_for('static', filename='plugins/bootstrap/js/bootstrap.min.js') } }"></script>

<!-- Slick Slider -->

<script src="{ { url\_for('static', filename='plugins/slick-carousel/slick.min.js') } }"></script>

<!-- Google Map -->

```

<script src="https://maps.googleapis.com/maps/api/js?key=AIzaSyCC72vZw-
6tGqFyRhHg5CkF2fqfILn2Tsw"></script>

<script src="{ { url_for('static', filename='plugins/google-map/gmap.js') } }"></script>

<!-- main js -->

<script src="{ { url_for('static', filename='js/custom.js') } }"></script>

<script>

 window.watsonAssistantChatOptions = {

 integrationID: "2be8b389-b5f6-469c-8d9f-95e1bd313f57", // The ID of this integration.

 region: "au-syd", // The region your integration is hosted in.

 serviceInstanceID: "0c5db647-b785-4362-b30a-0e09fc877b93", // The ID of your service instance.

 onLoad: function(instance) { instance.render(); }

 };

 setTimeout(function(){

 const t=document.createElement('script');

 t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +

 (window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";

 document.head.appendChild(t);

 });

</script>

</body>

</html>

```

**GitHub Link**

<https://github.com/IBM-EPBL/IBM-Project-39803-1660542713>

**Project Demo Link**

<https://player.vimeo.com/video/772747082>