

1. INTRODUCTION

1.1 Project Overview

This application is exclusively for the news readers who need the regular update. It consists of various news on the daily basis which can be easily accessible by users.

Integrate the application with news APIs and store the data in the database. The database will have all the details and the user can search the news by using a search bar.

1.2 Purpose

We people nowadays lead a fast-paced life which doesn't allow us to exercise the luxury of reading the newspaper most often. So to keep ourselves updated in a quick way we could rely on news tracker application as we developed which allows you to take a quick look on what is happening around the globe like technology, art, finance, sports and what not. Thereby we are reducing our time and paper to update ourselves

2. LITERATURE SURVEY

2.1 Existing Problems

The existing system has many Features which is only implemented in some countries. The system is made up of HTML, CSS and Java script. The existing system provide many servicesto the user based on their needs. The system contains every news which user can sort by their own. The system has an account of popularity person in order to follow them and toknow their news.

2.2 References

Sr.no	Paper Title	Author	Month /year	Summary	Resource Link
1.	Research on topic detection and tracking for onlinenews texts	Guixian xu, Yueting Meng, Zhan Chen, Xiaoyu Qiu, Changzhi ,WangHaishen Yao	30, April 2019	<ul style="list-style-type: none">the LDA (latent Dirichlet allocation) model is used to extract topics from news texts and the Gibbs Sampling method is used to speculate parameters.The JS (Jensen-	https://ieeexplore.ieee.org/document/8703401

				Shannon) divergence is used to measure the topic similarity, and the time decay function is introduced to improve the similarity between topics with the similar time.	
2.	Exploring mobile news reading interactions for news app personalisation	Marios Constantinides, John Dowell, David Johnson, Sylvain Malacria	24 August, 2015	<ul style="list-style-type: none"> Personalizing News application Tracking users reading type	https://dl.acm.org/doi/10.1145/2785830.2785860
3.	Explaining the News Feed Algorithm: An Analysis of the "News Feed FYI" Blog	Kelley Cotter, Janghee Cho, Emilee Rader	6, May 2017	Explanation to better understand the degree to which Facebook employs "how" and "why" explanations of its News Feed algorithm.	https://dl.acm.org/doi/abs/10.1145/3027063.3053114
4.	Topic Detection and Tracking Based on Event Ontology	Wei Liu, Lei Jiang, Yusen Wu, Tingting Tang, Weimin Li	19, May 2020	In this paper they solve the problem that new emerging events are easy to be missed in the process of topic detection, and they solve the problem that the topic model is easy to result in semantics drift due to the dynamic evolution of topic, and it can effectively improve the accuracy of	https://ieeexplore.ieee.org/abstract/document/9096349

				topic detection and tracking.	
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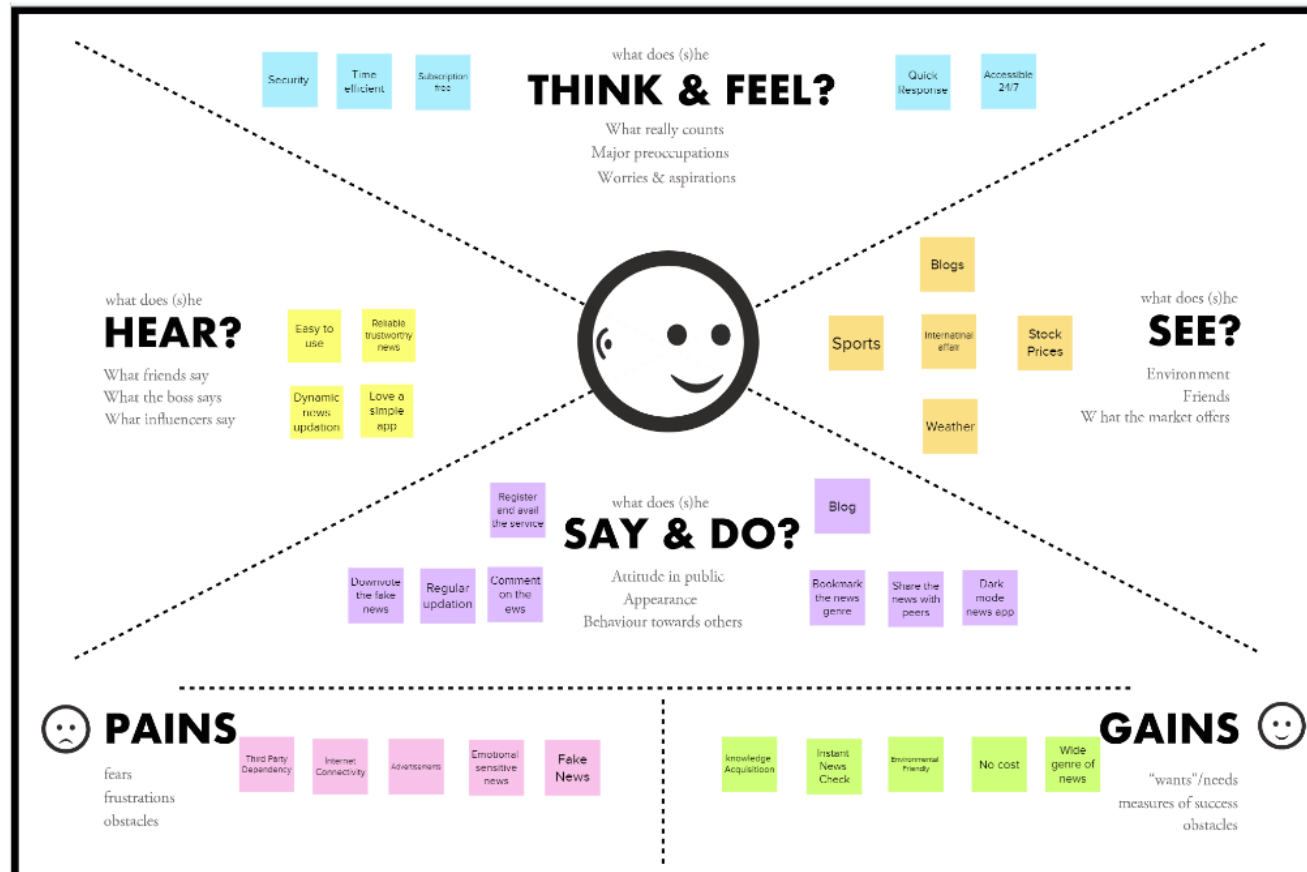
2.3 Problem Statement

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Student	Get the tech related news and movie updates.	It shows wide variety of news and tough to find tech news	The app doesn't show news related to user's age and sorting issue.	Frustrated
PS-2	Astrologer	To Know the Astronomical news	It shows all religious news unnecessarily Rather than astronomically significant ones.	The app does not have the option to choose the particular genre.	Disappointed

PS-3	Sportsman	Get some daily sports news.	It shows news of all kind of sport and tough to find a particular one	It doesn't have option to choose a particular sport from sport genre	Frustrated
PS-4	Politician	Get daily track on whats going on in the locality	It shows generic local news from various states	The app doesn't have the option to choose a particular region	Frustrated

3. IDEATION AND PROPOSED SOLUTION

3.1 Empathy Map Canvas



3.2 Ideation & Brainstorming

Bharatwaj C



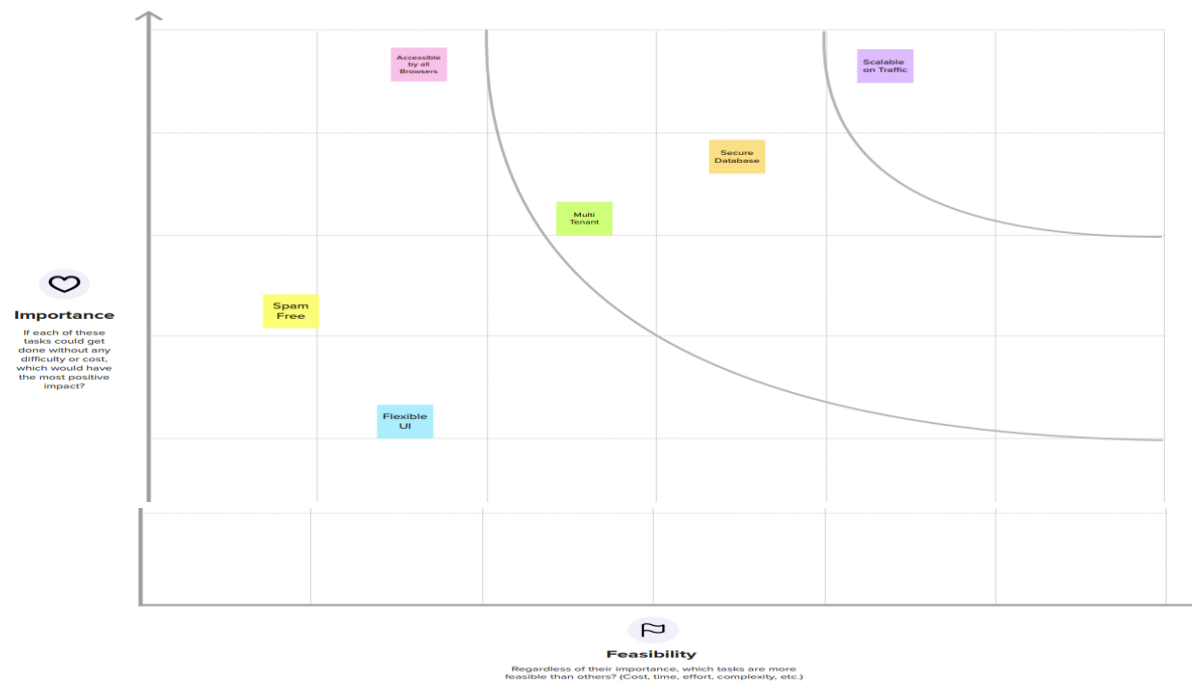
Ram Kumar



Mukunthan



Vishwa Racsith



3.3 Proposed Solution

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none">• News Tracker Application to act as andynamically updated virtual newspaper
2.	Idea / Solution description	<ul style="list-style-type: none">• Harnessing wide API to incorporateregular updation of news feed.• Feasible UI to deploy the application ina simple solution.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">• Incorporating Blog which allows authenticated writers to share their thoughts.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• By substituting the production of newspaper we are reducing carbonfoot print across the globe.• Could be handy to know dynamic commodity prices like stocks and helps the whole stock and fintech community to an extent.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">• Advertisement Revenue could comeinto play.• Analyzing the acquired data for futurebusiness expansion endeavors.
6.	Scalability of the Solution	<ul style="list-style-type: none">• Since the entire business runs in cloud,scalability wont be an issue vertically and horizontally there by reducing the overall OpEx.

3.4 Problem Solution Fit

Project Title: News Tracker Application		Project Design Phase-I – Solution Fit		Team ID: PNT2022TMID18417	
Define CS, fit into CC	<div>1. CUSTOMER SEGMENT(S)<div>CS</div></div> <div><ul style="list-style-type: none">- Teenage, Adults, Seniors.- Every section of people.- Available and targeting every person as news is vital for all.</div>	<div>6. CUSTOMER CONSTRAINTS<div>CC</div></div> <div><ul style="list-style-type: none">- Content Irrelevancy- Unavailability of customizability feature.- Bad UI which hinders smooth navigation between pages.</div>	<div>5. AVAILABLE SOLUTIONS<div>AS</div></div> <div><ul style="list-style-type: none">- User customization.- Adaptive UI- Restricting unwanted advertisements.- Chatbot to answer queries</div>	Explore AS, differentiate	
Focus on J&P, tap into	<div>2. JOBS-TO-BE-DONE / PROBLEMS<div>J&P</div></div> <div><ul style="list-style-type: none">- Relevant News.- Flexible UI supporting easy navigation.- Supporting customizable genre to display as User have their choice.- Restricting unwanted advertisement and URL to intervene.</div>	<div>9. PROBLEM ROOT CAUSE<div>RC</div></div> <div><ul style="list-style-type: none">- No Genre to categorize news based on the nature of the news.- No Customization of News content may require user to see through news that aren't necessary to them.- Bad UI as it may slow down the time to access the news.- Customer Service to sort out issues then and there.</div>	<div>7. BEHAVIOUR<div>BE</div></div> <div><ul style="list-style-type: none">- Customizing his/her news feed may improve the overall experience of the application.- By the inclusion of genre they could search the news they want thereby they are not getting into irrelevant news.- A well more organized UI may lead to smooth experience.</div>	Focus on J&P, tap into	C
Identify strong TR & EM	<div>3. TRIGGERS<div>TR</div></div> <div><ul style="list-style-type: none">- By generating a good UI and getting talked among the friends.- Instant news availability</div>	<div>10. YOUR SOLUTION<div>SL</div></div> <div><ul style="list-style-type: none">- Customizable News feed.- Flexible UI.- Embedding Chatbot helps Customer service.- Restricting unwanted content</div>	<div>8. CHANNELS of BEHAVIOUR<div>CH</div></div> <div><div>8.1 ONLINE</div><ul style="list-style-type: none">- Customization.- Customer Interaction, Adaptive UI<div>8.2 OFFLINE</div><ul style="list-style-type: none">- Allowing the option of downloading the page so they could read it later</div>	Extract online & offline CH of BE	
	<div>4. EMOTIONS: BEFORE / AFTER<div>EM</div></div> <div><div>BEFORE: Irrelevant News, Frustration, time waste</div><div>AFTER: Efficient, Relevant News</div></div>				

4 REQUIREMENT ANALYSIS

4.1 Functional Requirements

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	<ul style="list-style-type: none">• Registration through online application.
FR-2	User Confirmation	<ul style="list-style-type: none">• Confirmation via Email.
FR-3	User login	<ul style="list-style-type: none">• Login through browser.• Authenticate the validity.
FR-4	User interaction	<ul style="list-style-type: none">• Done through user interface between clientand server.• Navigation Bar.• IBM Chatbot

4.2 Non-Functional Requirements

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none">• News Feed access to all the article and genre available.
NFR-2	Security	<ul style="list-style-type: none">• Hashing the username and password of users at the backend to resist attack.
NFR-3	Reliability	<ul style="list-style-type: none">• How often does the system experience critical failures?• How much time does it take to fix the issue when it arises?
NFR-4	Performance	<ul style="list-style-type: none">• Performance is the core non-functional requirements.• It determines how fast a software system or a particular piece of it responds to certain user actions.• In most cases, this metric explains how long a user must wait before the target operation happens (the page rendering, a transaction is processing, etc.) given the multi-tenancy.• It is important to make front-end and backend as smooth as fast as possible.

NFR-5	Availability	<ul style="list-style-type: none"> • Availability describes how likely the system is accessible to a user at a given point in time. • Availability is an important facet in any application and it is ideal to have 24/7 access and only under server maintenance we should be blocking the users from access.
NFR-6	Scalability	<ul style="list-style-type: none"> • Our application should be able to scale up when the situation intends us to meet the demand. • Be it in case of processing prowess or in case of handling multi-tenancy.

5. PROJECT DESIGN

5.1 Data Flow Diagrams

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically.

It shows data enters and leaves the system, what changes the information, and where data is stored.

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5.2 Solution & Technical Architecture

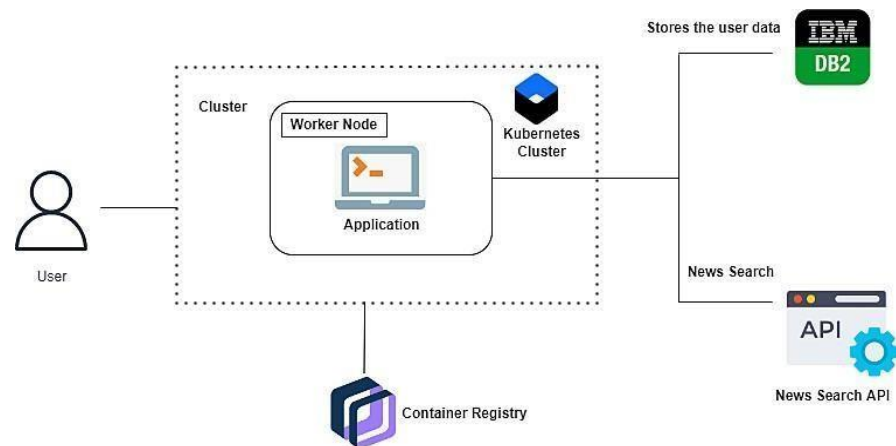


Table-1: Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Web UI, Mobile App.	HTML, CSS, JavaScript
2.	Application Logic-1	Logic for a process in the application	Python
3.	Application Logic-2	Logic for a process in the application	IBM Watson STT service
4.	Application Logic-3	The application contains topic diversification	IBM Watson Assistant
5.	Cloud Database	Database Service on Cloud, to store data	IBM DB2, IBM Cloudant
6.	File Storage	File storage requirements, To retrieve data	IBM Block Storage
7.	Container	Containerization of the application	Docker, Kubernetes

5.3 User Stories

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	Internet connectivity and valid characters	High
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	Comparing in IBM DB2	Medium
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	After successful login	High

Sprint-2	Dashboard	USN-4	As a user, I can search NEWS and a quick snap is displayed in the dashboard.	Home Page and Dashboard	High
Sprint-3	Chatbot	USN-5	As a user, I can chat with the bot so that my queries are clarified	IBM Watson chatbot assistance	High
Sprint-3	Profile	USN-6	As a user, I can edit my interests so that I can get news accordingly	Interesting feeds can be searched on search bar based on preference	High
Sprint-4	Notifications	USN-7	As a user, I will receive notifications to my email so that I'll be updated on the news	Notification optional	Medium

6. PROJECT PLANNING AND SCHEDULING

6.1 Sprint Planning & Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	15	High	BHARATWAJ RAM KUMAR MUKUNTHAN VISHWA RACSITH
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	5	Medium	BHARATWAJ RAM KUMAR MUKUNTHAN VISHWA RACSITH
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	10	High	BHARATWAJ RAM KUMAR MUKUNTHAN VISHWA RACSITH

Sprint-2	Dashboard	USN-4	As a user, I can search NEWS and a quick snap is displayed in the dashboard.	10	High	BHARATWAJ RAM KUMAR MUKUNTHAN VISHWA RACSITH
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Chatbot	USN-5	As a user, I can chat with the bot so that my queries are clarified	10	High	BHARATWAJ RAM KUMAR MUKUNTHAN VISHWA RACSITH
Sprint-3	Profile	USN-6	As a user, I can edit my interests so that I can get news accordingly	10	High	BHARATWAJ RAM KUMAR MUKUNTHAN VISHWA RACSITH
Sprint-4	Notifications	USN-7	As a user, I will receive notifications to my email so that I'll be updated on the news	20	Medium	BHARATWAJ RAM KUMAR MUKUNTHAN VISHWA RACSITH

6.1 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	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint -4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

7. CODING & SOLUTIONING

7.1 Feature 1 – Login Page

Validating the user only if registered he or she could access the page or else they are redirected to register page.

LOGIN PAGE:

Please sign in

Email address
kram58059@gmail.com

Password

☐ Remember me

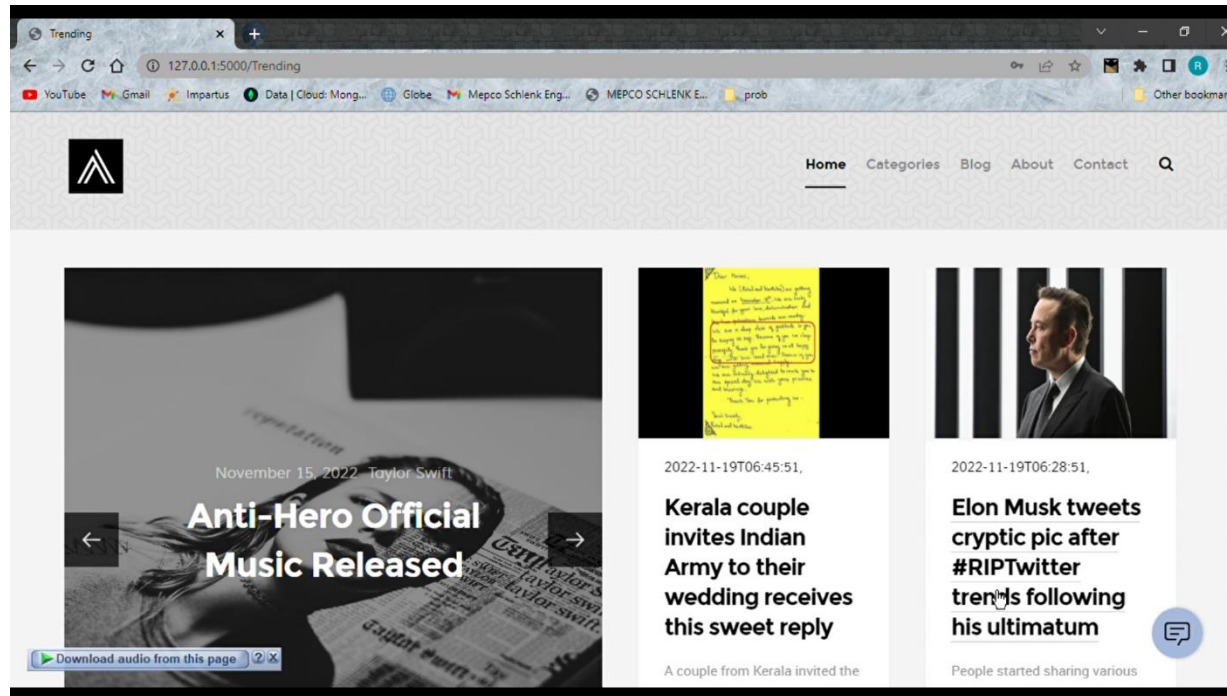
Sign in

© 2022

[*IBM DB used here](#)

For testing purpose, use
username:
kram58059@gmail.com
password: asdf

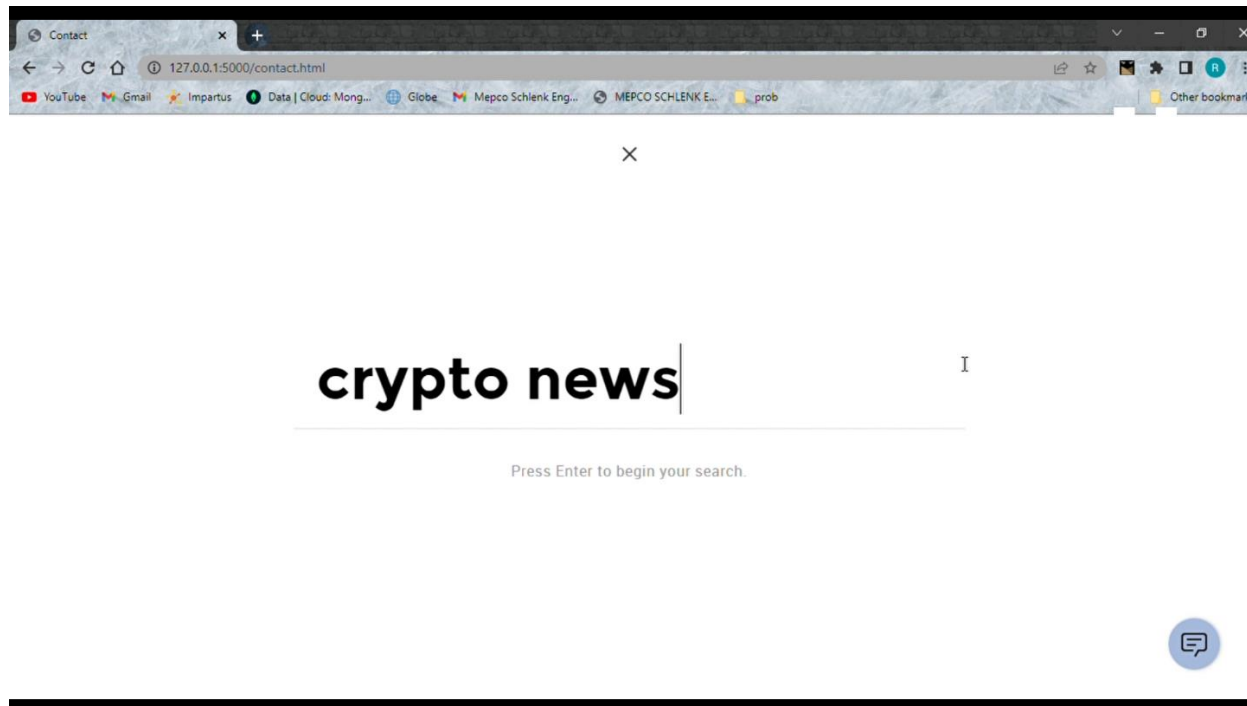
HOME PAGE:



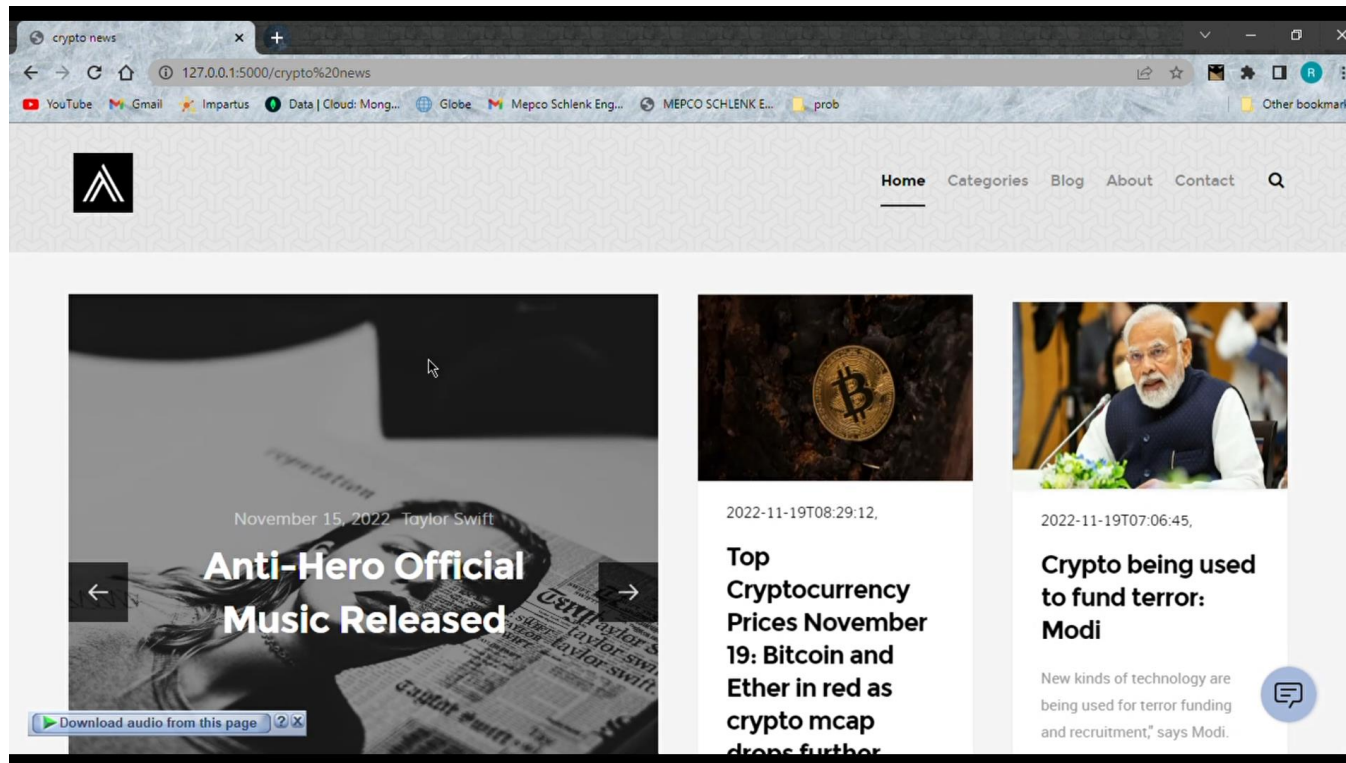
7.2 Feature 2 – Search

We are having an adaptive search feature which goes through the right feeds to display with respect the query given the search bar by requesting the relevant topic to the API.

Searching: crypto news



Relevant article with respect to crypto news are displayed:



Along with this we have various other features like audio feed, video feed, blog through API.

8. TESTING

8.1 Test Cases

- ✓ The user gets confirmation login after they login
- ✓ User is validated successfully
- ✓ API connectivity and request – response connectivity
- ✓ Relevant news article are showcased
- ✓ Search bar accuracy

8.2 User Acceptance Testing

				Project Name	Project - News Tracker Application								
				Maximum Marks	4 marks								
Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation[Y/N]	BUG ID	Executed By
LoginPage_TC_002	UI	Home Page	Verify the UI elements in Login/Signup popup		1.Enter URL and click go 2.Click on My Account dropdown button 3.Verify login/Signup popup with below UI elements: a.email text box b.password text box c.Login button d.New customer? Create account link e.Last password? Recovery password link	https://shopenzer.com/	Application should show below UI elements: a.email text box b.password text box c.Login button with orange colour d.New customer? Create account link e.Last password? Recovery password link		pass				Mukunthan
LoginPage_TC_003	Functional	Home page	Verify user is able to log into application with Valid credentials		1.Enter URL(https://shopenzer.com/) and click go 2.Click on My Account dropdown button 3.Enter Valid username/email in Email text box 4.Enter valid password in password text box	Username: chalam@gmail.com password: Testing123	User should navigate to user account homepage		pass				Vishwa
LoginPage_TC_004	Functional	Login page	Verify user is able to log into application with Invalid credentials		1.Enter URL(https://shopenzer.com/) and click go 2.Click on My Account dropdown button 3.Enter Invalid username/email in Email text box 4.Enter valid password in password text box	Username: chalam@gmail.com password: Testing123	Application should show 'Incorrect email or password' validation message.		pass				Mukunthan
LoginPage_TC_004	Functional	Login page	Verify user is able to log into application with Invalid credentials		1.Enter URL(https://shopenzer.com/) and click go 2.Click on My Account dropdown button 3.Enter Valid username/email in Email text box 4.Enter Invalid password in password text box	Username: chalam@gmail.com password: Testing123678686786876876	Application should show 'Incorrect email or password' validation message.		pass				Bharatwaj
LoginPage_TC_005	Functional	Login page	Verify user is able to log into application with Invalid credentials		1.Enter URL(https://shopenzer.com/) and click go 2.Click on My Account dropdown button 3.Enter Invalid username/email in Email text box 4.Enter Invalid password in password text box	Username: chalam@gmail.com password: Testing123678686786876876	Application should show 'Incorrect email or password' validation message.		pass				Ram Kumar

9. ADVANTAGES AND DISADVANTAGES

ADVANTAGES:

- Ease of News Access
- Environmental Friendly
- Cost Efficient (Almost zero cost)
- Dynamic News Updation
- Suitable for every Age Group

DISADVANTAGE:

- Device Dependency
- Internet Connectivity

10. CONCLUSION

A News Tracker Application is developed which fetches relevant and authenticated articles and blogs from verified API which enables users to access news of their personal requirement.

User interface design for website and mobile phone for all Operating platforms. Development of all functional requirements as proposed for the news tracker application.

11. FUTURE SCOPE

- Increasing the overall Database Size to take into account of likes and dislikes and other information related to an article.
- Expanding the use wide range of Authenticated APIs.
- Voice Recognition

12. APPENDIX

Github: <https://github.com/IBM-EPBL/IBM-Project-3794-1658637277>

Video Link: <https://youtu.be/NHlbyvZp3BU>

Code:

app.py

```
from flask import Flask, render_template, request, redirect, url_for, session
from newscatcherapi import NewsCatcherApiClient
import requests, json
import ibm_db

app = Flask(__name__)

API_KEY = 'SLnqIfKjC1HEKi13KDCgas-_rYnlIUHN0vu4wkb02Ws'

# newscatcherapi = NewsCatcherApiClient(x_api_key=API_KEY)

url = "https://contextualwebsearch-websearch-v1.p.rapidapi.com/api/search/NewsSearchAPI"

headers = {
    "x-api-key": API_KEY
```

```

}

app.secret_key = 'a'

conn = ibm_db.connect(
    "DATABASE=bludb;                      HOSTNAME=6667d8e9-9d4d-4ccb-ba32-21da3bb5aafc.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;
    SSLServerCertificate=DigiCertGlobalRootCA.crt; UID=qxd38229; PWD=7BhEfmm9wnlWMfjP",
    "", "")

@app.route('/<topic>')
def main_page(topic):
    querystring = {"q":topic,"pageNumber":"1","pageSize":"10","autoCorrect":"true","fromPublishedDate":"null","toPublishedDate":"null"}

    headers = {
        "X-RapidAPI-Key": "2903846654msh719148ca7bf7435p11ae6djsn088f3c57cb71",
        "X-RapidAPI-Host": "contextualwebsearch-websearch-v1.p.rapidapi.com"
    }

    response = requests.request("GET", url, headers=headers, params=querystring)

    res = json.loads(response.text.encode())['value']

    print(topic)

    return render_template('index.html', results=res, topic=topic)

```

```
@app.route('/single-audio.html')
```

```
def audio_page():
```

```
    return render_template('single-audio.html', topic='Podcast')
```

```
@app.route('/single-video.html')
```

```
def video_page():
```

```
    return render_template('single-video.html', topic='Video Post')
```

```
@app.route('/single-gallery.html')
```

```
def gallery_page():
```

```
    return render_template('single-gallery.html', topic='Post')
```

```
@app.route('/about.html')
```

```
def about_page():
```

```
    return render_template('about.html', topic='About')
```

```
@app.route('/contact.html')
```

```
def contact_page():
```

```
    return render_template('contact.html', topic='Contact')
```

```
@app.route('/searchbar', methods=['GET', 'POST'])
```

```
def searchbar():
```

```
    if request.method == 'POST':
```

```
    title = request.form['s']

    return redirect(url_for('main_page', topic=title))
```

```
@app.route('/')

def home_page():

    return render_template('home.html')
```

```
@app.route('/login', methods=['GET', 'POST'])

def login():

    if request.method == 'POST':

        email = request.form['email']

        password = request.form['pwd']

        sql = "SELECT * FROM users WHERE email =? and password=?"

        stmt = ibm_db.prepare(conn, sql)

        ibm_db.bind_param(stmt, 1, email)

        ibm_db.bind_param(stmt, 2, password)

        ibm_db.execute(stmt)

        account = ibm_db.fetch_assoc(stmt)

        print(account)

        if account:

            print("Login successful")

            return redirect(url_for('main_page', topic='Trending'))

        else:

            return render_template('elsepage.html')
```


about.html:

```
{% extends 'base.html' %}
```

```
{% block article %}
```

```
<section id="content-wrap" class="site-page">
```

```
<div class="row">
```

```
<div class="col-twelve">
```

```
<section>
```

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

```

```

```
</div>
```

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

```
<h1 class="entry-title add-bottom">Learn More About Us.</h1>
```

```
<p class="lead">Lorem ipsum Nisi cillum reprehenderit minim sunt dolore dolor eiusmod eu aliquip ad ut sint dolore laborum voluptate ullamco  
dolore aliquip enim. Excepteur cillum cupidatat fugiat nostrud cupidatat dolor sunt sint sit nisi est eu exercitation incididunt adipisicing</p>
```

```
<p>Duis ex ad cupidatat tempor Excepteur cillum cupidatat fugiat nostrud cupidatat dolor sunt sint sit nisi est eu exercitation incididunt adipisicing  
veniam velit id fugiat enim mollit amet anim veniam dolor dolor irure velit commodo cillum sit nulla ullamco magna amet magna cupidatat qui labore cillum sit in tempor veniam consequat non laborum adipisicing
```

aliqua ea nisi sint ut quis proident ullamco ut dolore culpa occaecat ut laboris in sit minim cupidatat ut dolor voluptate enim veniam consequat occaecat fugiat in adipisicing in amet Ut nulla nisi non ut enim aliqua laborum mollit quis nostrud sed sed.</p>

<p>Lorem ipsum Cillum sit sunt dolore non aute enim pariatur deserunt magna reprehenderit veniam officia ullamco eiusmod laborum commodo veniam elit proident enim sit cillum ex aliquip dolore labore sint ut deserunt officia veniam consectetur in in quis eu consectetur non sint Duis mollit Ut magna irure.</p>

<div class="row block-1-2 block-tab-full">
 <div class="bgrid">
 <h3>Who.</h3>
 <p>Lorem ipsum Nisi amet fugiat eiusmod et aliqua ad qui ut nisi Ut aute anim mollit fugiat qui sit ex occaecat et eu mollit nisi pariatur fugiat deserunt dolor veniam reprehenderit aliquip magna nisi consequat aliqua veniam in aute ullamco Duis laborum ad non pariatur sit.</p>
 </div>

<div class="bgrid">
 <h3>When.</h3>
 <p>Lorem ipsum Nisi amet fugiat eiusmod et aliqua ad qui ut nisi Ut aute anim mollit fugiat qui sit ex occaecat et eu mollit nisi pariatur fugiat deserunt dolor veniam reprehenderit aliquip magna nisi consequat aliqua veniam in aute ullamco Duis laborum ad non pariatur sit.</p>
</div>

<div class="bgrid">
 <h3>What.</h3>
 <p>Lorem ipsum Nisi amet fugiat eiusmod et aliqua ad qui ut nisi Ut aute anim mollit fugiat qui sit ex occaecat et eu mollit nisi pariatur fugiat deserunt dolor veniam reprehenderit aliquip magna nisi consequat aliqua veniam in aute ullamco Duis laborum ad non pariatur sit.</p>
</div>

<div class="bgrid">
 <h3>How.</h3>

```
<p>Lorem ipsum Nisi amet fugiat eiusmod et aliqua ad qui ut nisi Ut aute anim mollit fugiat qui sit ex occaecat et eu mollit nisi
pariatur fugiat deserunt dolor veniam reprehenderit aliquip magna nisi consequat aliqua veniam in aute ullamco Duis laborum ad non pariatur sit.</p>

</div>

</div>

</div>

</section>

</div> <!-- end col-twelve -->

</div> <!-- end row -->

</section> <!-- end content -->

{% endblock %}
```

base.html:

```
<!DOCTYPE html>

<!--[if IE 8 ]><html class="no-js oldie ie8" lang="en"> <![endif]-->

<!--[if IE 9 ]><html class="no-js oldie ie9" lang="en"> <![endif]-->

<!--[if (gte IE 9)!(IE)]><!--><html class="no-js" lang="en"> <!--<![endif]-->

<head>

<!-- basic page needs

===== -->

<meta charset="utf-8">

<title>{{ topic }}</title>
```

```
<meta name="description" content="">
```

```
<meta name="author" content="">
```

```
<!-- mobile specific metas
```

```
===== -->
```

```
<meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1">
```

```
<!-- CSS
```

```
===== -->
```

```
<link rel="stylesheet" href="static/css/base.css">
```

```
<link rel="stylesheet" href="static/css/vendor.css">
```

```
<link rel="stylesheet" href="static/css/main.css">
```

```
<!-- script
```

```
===== -->
```

```
<script src="static/js/modernizr.js"></script>
```

```
<script src="static/js/pace.min.js"></script>
```

```
<!-- favicons
```

```
===== -->
```

```
<link rel="shortcut icon" href="favicon.ico" type="image/x-icon">
```

```
<link rel="icon" href="favicon.ico" type="image/x-icon">
```

```
<!-- Watson assistance
```

```
===== -->
```

```
<script>
```

```
window.watsonAssistantChatOptions = {  
  integrationID: "ae526d7a-427a-48c0-b064-d370b9792240", // The ID of this integration.  
  region: "us-south", // The region your integration is hosted in.  
  serviceInstanceID: "386dbd57-ccb7-4ee0-9e33-fa56791cd1a3", // 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>
```

</head>

<body id="top">

<!-- header

===== -->

<header class="short-header">

<div class="gradient-block"></div>

<div class="row header-content">

<div class="logo">

Author

</div>

```
<nav id="main-nav-wrap">

  <ul class="main-navigation sf-menu">

    <li class="current"><a href="{ { url_for('main_page', topic='Trending') } }" title="">Home</a></li>

    <li class="has-children">

      <a href="{ { url_for('main_page', topic='Trending') } }" title="">Categories</a>

      <ul class="sub-menu">

        <li><a href="{ { url_for('main_page', topic='Trending') } }">Trending</a></li>

        <li><a href="{ { url_for('main_page', topic='Technology') } }">Technology</a></li>

        <li><a href="{ { url_for('main_page', topic='Travel') } }">Travel</a></li>

        <li><a href="{ { url_for('main_page', topic='Business') } }">Business</a></li>

        <li><a href="{ { url_for('main_page', topic='Entertainment') } }">Entertainment</a></li>

      </ul>

    </li>

    <li class="has-children">

      <a href="{ { url_for('main_page', topic='Trending') } }" title="">Blog</a>

      <ul class="sub-menu">

        <li><a href="single-video.html">Video Post</a></li>

        <li><a href="single-audio.html">Podcast</a></li>

        <li><a href="single-gallery.html">Gallery Post</a></li>

      </ul>

    </li>

    <li><a href="about.html" title="">About</a></li>

    <li><a href="contact.html" title="">Contact</a></li>

  </ul>

</nav> <!-- end main-nav-wrap -->
```

```
<div class="search-wrap">
```

```
<form role="search" method="post" class="search-form" action="http://127.0.0.1:5000/searchbar">

  <label>

    <span class="hide-content">Search for:</span>

    <input type="search" class="search-field" placeholder="Type Your Title" value="" name="s" title="Search for:" autocomplete="off">

  </label>

  <input type="submit" class="search-submit" value="Search">

</form>
```

```
<a href="#" id="close-search" class="close-btn">Close</a>
```

```
</div> <!-- end search wrap -->
```

```
<div class="triggers">

  <a class="search-trigger" href="#"><i class="fa fa-search"></i></a>

  <a class="menu-toggle" href="#"><span>Menu</span></a>

</div> <!-- end triggers -->
```

```
</div>
```

```
</header> <!-- end header -->
```

```
{% block article %}
```

```
{% endblock %}
```

<!-- footer

===== -->

<footer>

<div class="footer-main">

<div class="row">

<div class="col-four tab-full mob-full footer-info">

<h4>About Our Site</h4>

<p>

Lorem ipsum Ut velit dolor Ut labore id fugiat in ut fugiat nostrud qui in dolore commodo eu magna Duis cillum dolor officia esse mollit proident Excepteur exercitation nulla. Lorem ipsum In reprehenderit commodo aliqua irure labore.

</p>

</div> <!-- end footer-info -->

<div class="col-two tab-1-3 mob-1-2 site-links">

<h4>Site Links</h4>

About Us

Blog

- FAQ
- Terms
- Privacy Policy

</div> <!-- end site-links -->

<div class="col-two tab-1-3 mob-1-2 social-links">

<h4>Social</h4>

Twitter

Facebook

Dribbble

Google+

Instagram

</div> <!-- end social links -->

<div class="col-four tab-1-3 mob-full footer-subscribe">

<h4>Subscribe</h4>

<p>Keep yourself updated. Subscribe to our newsletter.</p>

<div class="subscribe-form">

```
<form id="mc-form" class="group" novalidate="true">
```

```
<input type="email" value="" name="dEmail" class="email" id="mc-email" placeholder="Type & press enter" required="">
```

```
<input type="submit" name="subscribe" >
```

```
<label for="mc-email" class="subscribe-message"></label>
```

```
</form>
```

```
</div>
```

```
</div> <!-- end subscribe -->
```

```
</div> <!-- end row -->
```

```
</div> <!-- end footer-main -->
```

```
<div class="footer-bottom">
```

```
<div class="row">
```

```
<div class="col-twelve">
```

```
<div class="copyright">
```

```
<span>© Copyright 2022</span>
```

```
<span>Design by <a href="http://www.styleshout.com/">styleshout</a></span>
```

```
</div>
```

```

        <div id="go-top">

            <a class="smoothscroll" title="Back to Top" href="#top"><i class="icon icon-arrow-up"></i></a>

        </div>

    </div>

</div>

</div> <!-- end footer-bottom -->

</footer>

<div id="preloader">

    <div id="loader"></div>

</div>

<!-- Java Script

===== -->

<script src="static/js/jquery-2.1.3.min.js"></script>

<script src="static/js/plugins.js"></script>

<script src="static/js/jquery.appear.js"></script>

<script src="static/js/main.js"></script>

</body>

</html>

```

contact.html:

```
{ % extends 'base.html' % }
```

{ % block article % }

<section id="content-wrap" class="site-page">

<div class="row">

<div class="col-twelve">

<section>

<div class="primary-content">

<h1 class="entry-title add-bottom">Get In Touch With Us.</h1>

<p class="lead">Lorem ipsum Deserunt est dolore Ut Excepteur nulla occaecat magna occaecat Excepteur nisi esse veniam dolor consectetur minim qui nisi esse deserunt commodo ea enim ullamco non voluptate consectetur minim aliquip Ut incididunt amet ut cupidatat.</p>

<p>Duis ex ad cupidatat tempor Excepteur cillum cupidatat fugiat nostrud cupidatat dolor sunt sint sit nisi est eu exercitation incididunt adipisicing veniam velit id fugiat enim mollit amet anim veniam dolor dolor irure velit commodo cillum sit nulla ullamco magna amet magna cupidatat qui labore cillum sit in tempor veniam consequat non laborum adipisicing aliqua ea nisi sint ut quis proident ullamco ut dolore culpa occaecat ut laboris in sit minim cupidatat ut dolor voluptate enim veniam consequat occaecat fugiat in adipisicing in amet Ut nulla nisi non ut enim aliqua laborum mollit quis nostrud sed sed.</p>

<div class="row">

<div class="col-six tab-full">

<h4>Where to Find Us</h4>

<p>

Chennai,

Tamil Nadu

India
</p>

</div>

<div class="col-six tab-full">
 <h4>Contact Info</h4>

<p>kram58059@gmail.com

 bharatwaj55@gmail.com

 Phone: 996677885544
</p>

</div>

</div>

<form name="cForm" id="cForm" method="post" action="">
<fieldset>

<div class="form-field">
 <input name="cName" type="text" id="cName" class="full-width" placeholder="Your Name" value="">
</div>

<div class="form-field">
 <input name="cEmail" type="text" id="cEmail" class="full-width" placeholder="Your Email" value="">

```
</div>

<div class="form-field">
    <input name="cWebsite" type="text" id="cWebsite" class="full-width" placeholder="Website" value="">
</div>

<div class="message form-field">
    <textarea name="cMessage" id="cMessage" class="full-width" placeholder="Your Message" ></textarea>
</div>

<button type="submit" class="submit button-primary full-width-on-mobile">Submit</button>

</fieldset>
</form> <!-- end form -->

</section>

</div> <!-- end col-twelve -->

</div> <!-- end row -->

</section> <!-- end content -->

{% endblock %}
```

elsepage.html:

```
<!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>Document</title>

</head>

<body>

  <div>

    <h1>Wrong username/password </h1><br>

    <a href='http://127.0.0.1:5000/'>login</a>

  </div>

</body>

</html>
```

home.html:

```
<!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">


  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi"
crossorigin="anonymous">

  <link rel="stylesheet" href="static/css/home.css">
```

<title>Home</title>

</head>

<body class="text-center">

<main class="form-signin w-100 m-auto">

<form action="http://127.0.0.1:5000/login" method="post">

<h1 class="h3 mb-3 fw-normal">Please sign in</h1>

<div class="form-floating">

<input type="email" class="form-control" id="floatingInput" placeholder="name@example.com" name="email">

<label for="floatingInput">Email address</label>

</div>

<div class="form-floating">

<input type="password" class="form-control" id="floatingPassword" placeholder="Password" name="pwd">

<label for="floatingPassword">Password</label>

</div>

<div class="checkbox mb-3">

<label>

<input type="checkbox" value="remember-me"> Remember me

</label>

</div>

<button class="w-100 btn btn-lg btn-primary" type="submit">Sign in</button>

<p class="mt-5 mb-3 text-muted">© 2022</p>

<h5>For testing purpose, use </h5>

<h5>username: <i>kram58059@gmail.com</i></h5>


```
<h5>password: <i>asdf</i></h5>
```

```
</form>
```

```
</main>
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3"
```

```
crossorigin="anonymous"></script>
```

```
</body>
```

```
</html>
```

index.html:

```
{% extends 'base.html' %}
```

```
{% block article %}
```

```
<section id="bricks">
```

```
<div class="row masonry">
```

```
<!-- brick-wrapper -->
```

```
<div class="bricks-wrapper">
```

```
<div class="grid-sizer"></div>
```

<div class="brick entry featured-grid animate-this">

<div class="entry-content">

<div id="featured-post-slider" class="flexslider">

<ul class="slides">

<div class="featured-post-slide">

<div class="post-background" style="background-image:url('static/images/thumbs/featured/taylor.jpg');"></div>

<div class="overlay"></div>

<div class="post-content">

<ul class="entry-meta">

November 15, 2022

Taylor Swift

<h1 class="slide-title">Anti-Hero Official Music Released</h1>

</div>

</div>

 <!-- /slide -->

<div class="featured-post-slide">

<div class="post-background" style="background-image:url('static/images/thumbs/featured/hardik.jpg');"></div>

<div class="overlay"></div>

<div class="post-content">

<ul class="entry-meta">

November 15, 2022

Srikanth

<h1 class="slide-title">Make Hardik

Pandya captain for 2024 T20 World Cup</h1>

</div>

</div>

 <!-- /slide -->

<div class="featured-post-slide">

<div class="post-background" style="background-image:url('static/images/thumbs/featured/ftxceo.jpg');;"></div>

<div class="overlay"></div>

<div class="post-content">

<ul class="entry-meta">

November 15, 2022

sam bankman-fried

<h1 class="slide-title">What's happening at

bankrupt crypto exchange FTX?</h1>

</div>

</div>

 <!-- end slide -->

 <!-- end slides -->

</div> <!-- end featured-post-slider -->

</div> <!-- end entry content -->

</div>

{% for result in results %}

<article class="brick entry format-standard animate-this">

<div class="entry-thumb">

</div>

<div class="entry-text">

<div class="entry-header">

```
<div class="entry-meta">

    <span class="cat-links">

        <a href="#">{{ result['datePublished'] }}</a>

        <a href="#"></a>

    </span>

</div>

<h1 class="entry-title"><a href="single-standard.html">{{ result['title'] }}</a></h1>

</div>

<div class="entry-excerpt">

    {{ result['description'] }}

</div>

</div>

</article>

{% endfor %}

<article class="brick entry format-audio animate-this">

    <div class="entry-thumb">

        <a href="single-audio.html" class="thumb-link">

        </a>

    </div>

    <div class="audio-wrap">

        <audio id="player" src="static/media/at_my_worst.mp3" width="100%" height="42" controls="controls"></audio>

    </div>
```

</div>

<div class="entry-text">

<div class="entry-header">

<div class="entry-meta">

Design

Music

</div>

<h1 class="entry-title">This Is a Audio Format Post.</h1>

</div>

<div class="entry-excerpt">

 Lorem ipsum Sed eiusmod esse aliqua sed incididunt aliqua incididunt mollit id et sit proident dolor nulla sed commodo est ad minim elit
reprehenderit nisi officia aute incididunt velit sint in aliqua cillum in consequat consequat in culpa in anim.

</div>

</div>

</article> <!-- /article -->

<article class="brick entry format-quote animate-this" >

<div class="entry-thumb">

<blockquote>

<p>The World belongs to those who read.</p>

<cite>Dieter Rams</cite>

</blockquote>

</div>

</article>

<article class="brick entry format-link animate-this">

<div class="entry-thumb">

<div class="link-wrap">

<p>Looking for affordable & reliable Kindle? We recommend Amazon-kindle.</p>

<cite>

http://www.amazon.com

</cite>

</div>

</div>

</article>

</div> <!-- end brick-wrapper -->

</div> <!-- end row -->

</section> <!-- end bricks -->

```
{% endblock % }
```

base.css:

```
/* =====  
*  
* Abstract v1.0 Base Stylesheet  
* url: www.styleshout.com  
* 09-06-2016  
* -----  
* TOC:  
* 01. reset  
* 02. basic/base setup styles  
* 03. grid  
* 04. block grids  
* 05. MISC  
*  
* ===== */
```

```
/* =====  
* 01. reset - normalize.css v3.0.2 | MIT License | git.io/normalize  
*  
* ----- */
```

```
html {  
    font-family: sans-serif;
```



```
-ms-text-size-adjust: 100%;  
-webkit-text-size-adjust: 100%;  
}
```

```
body {  
    margin: 0;  
}
```

```
article,  
aside,  
details,  
figcaption,  
figure,  
footer,  
header,  
hgroup,  
main,  
menu,  
nav,  
section,  
summary {  
    display: block;  
}
```

```
audio,  
canvas,  
progress,  
video {
```

```
display: inline-block;
vertical-align: baseline;
}
```

```
audio:not([controls]) {
    display: none;
    height: 0;
}
```

```
[hidden],
template {
    display: none;
}
```

```
a {
    background: transparent;
}
```

```
a:active,
a:hover {
    outline: 0;
}
```

```
abbr[title] {
    border-bottom: 1px dotted;
}
```

```
b,
```

```
strong {  
    font-weight: bold;  
}
```

```
dfn {  
    font-style: italic;  
}
```

```
h1 {  
    font-size: 2em;  
    margin: 0.67em 0;  
}
```

```
mark {  
    background: #ff0;  
    color: #000;  
}
```

```
small {  
    font-size: 80%;  
}
```

```
sub,  
sup {  
    font-size: 75%;  
    line-height: 0;  
    position: relative;  
    vertical-align: baseline;
```

```
}
```

```
sup {  
  top: -0.5em;  
}
```

```
sub {  
  bottom: -0.25em;  
}
```

```
img {  
  border: 0;  
}
```

```
svg:not(:root) {  
  overflow: hidden;  
}
```

```
figure {  
  margin: 1em 40px;  
}
```

```
hr {  
  -moz-box-sizing: content-box;  
  box-sizing: content-box;  
  height: 0;  
}
```

```
pre {  
    overflow: auto;  
}
```

```
code,  
kbd,  
pre,  
samp {  
    font-family: monospace, monospace;  
    font-size: 1em;  
}
```

```
button,  
input,  
optgroup,  
select,  
textarea {  
    color: inherit;  
    font: inherit;  
    margin: 0;  
}
```

```
button {  
    overflow: visible;  
}
```

```
button,  
select {
```

```
    text-transform: none;
}
```

```
button,
html input[type="button"],
input[type="reset"],
input[type="submit"] {
    -webkit-appearance: button;
    cursor: pointer;
}
```

```
button[disabled],
html input[disabled] {
    cursor: default;
}
```

```
button::-moz-focus-inner,
input::-moz-focus-inner {
    border: 0;
    padding: 0;
}
```

```
input {
    line-height: normal;
}
```

```
input[type="checkbox"],
input[type="radio"] {
```

```
    box-sizing: border-box;

    padding: 0;
}
```

```
input[type="number"]::-webkit-inner-spin-button,
input[type="number"]::-webkit-outer-spin-button {

    height: auto;
}
```

```
input[type="search"] {

    -webkit-appearance: textfield;

    -moz-box-sizing: content-box;

    -webkit-box-sizing: content-box;

    box-sizing: content-box;
}
```

```
input[type="search"]::-webkit-search-cancel-button,
input[type="search"]::-webkit-search-decoration {

    -webkit-appearance: none;
}
```

```
fieldset {

    border: 1px solid #c0c0c0;

    margin: 0 2px;

    padding: 0.35em 0.625em 0.75em;
}
```

```
legend {
```

```
border: 0;
padding: 0;
}
```

```
textarea {
    overflow: auto;
}
```

```
optgroup {
    font-weight: bold;
}
```

```
table {
    border-collapse: collapse;
    border-spacing: 0;
}
```

```
td,
th {
    padding: 0;
}
```

```
/* =====
```

```
* 02. basic/base setup styles - (_basic.scss)
```

```
*
```

```
* ----- */
```

```
html {
```



```
    font-size: 62.5%;

    box-sizing: border-box;
}
```

```
*,
*::before,
*::after {
    box-sizing: inherit;
}
```

```
body {
    font-weight: normal;

    line-height: 1;

    text-rendering: optimizeLegibility;

    word-wrap: break-word;

    -webkit-overflow-scrolling: touch;

    -webkit-text-size-adjust: none;
}
```

```
body,
input,
button {
    -moz-osx-font-smoothing: grayscale;

    -webkit-font-smoothing: antialiased;
}
```

```
/* -----
* Media - (_basic.scss)
```

```
* ----- */
```

```
img,
```

```
video {
```

```
    max-width: 100%;
```

```
    height: auto;
```

```
}
```

```
/* -----
```

```
* Typography resets - (_basic.scss)
```

```
* ----- */
```

```
div, dl, dt, dd, ul, ol, li, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, th, td {
```

```
    margin: 0;
```

```
    padding: 0;
```

```
}
```

```
h1, h2, h3, h4, h5, h6 {
```

```
    -webkit-font-variant-ligatures: common-ligatures;
```

```
    -moz-font-variant-ligatures: common-ligatures;
```

```
    font-variant-ligatures: common-ligatures;
```

```
    text-rendering: optimizeLegibility;
```

```
}
```

```
em, i {
```

```
    font-style: italic;
```

```
    line-height: inherit;
```

```
}
```

```
strong, b {
```

```
    font-weight: bold;
```

```
    line-height: inherit;
```

```
}
```

```
small {
    font-size: 60%;
    line-height: inherit;
}

ol, ul {
    list-style: none;
}

li {
    display: block;
}

/* -----
* links - (_basic.scss)
* ----- */

a {
    text-decoration: none;
    line-height: inherit;
}

a img {
    border: none;
}

/* -----
* inputs - (_basic.scss)
* ----- */

fieldset {
    margin: 0;
```

```
padding: 0;
}
```

```
input[type="email"],
input[type="number"],
input[type="search"],
input[type="text"],
input[type="tel"],
input[type="url"],
input[type="password"],
textarea {
```

```
    -webkit-appearance: none;
    -moz-appearance: none;
    -ms-appearance: none;
    -o-appearance: none;
    appearance: none;
```

```
}
```

```
/* =====
```

```
* 03. grid - (_grid.scss)
```

```
*
```

```
* ----- */
```

```
.row {
```

```
    width: 94%;
    max-width: 1170px;
    margin: 0 auto;
```

```
}
```

```
.row:before,  
.row:after {  
    content: "";  
    display: table;  
}
```

```
.row:after {  
    clear: both;  
}
```

```
.row .row {  
    width: auto;  
    max-width: none;  
    margin-left: -20px;  
    margin-right: -20px;  
}
```

```
[class*="col-"],  
.bgrid {  
    float: left;  
}
```

```
[class*="col-"] + [class*="col-"].end {  
    float: right;  
}
```

```
[class*="col-"] {  
    padding: 0 20px;
```

```
}
```

```
.col-one {
```

```
    width: 8.33333%;
```

```
}
```

```
.col-two,
```

```
.col-1-6 {
```

```
    width: 16.66667%;
```

```
}
```

```
.col-three,
```

```
.col-1-4 {
```

```
    width: 25%;
```

```
}
```

```
.col-four,
```

```
.col-1-3 {
```

```
    width: 33.33333%;
```

```
}
```

```
.col-five {
```

```
    width: 41.66667%;
```

```
}
```

```
.col-six,
```

```
.col-1-2 {
```

```
    width: 50%;
```

```
}
```

```
.col-seven {  
    width: 58.33333%;  
}
```

```
.col-eight,  
.col-2-3 {  
    width: 66.66667%;  
}
```

```
.col-nine,  
.col-3-4 {  
    width: 75%;  
}
```

```
.col-ten,  
.col-5-6 {  
    width: 83.33333%;  
}
```

```
.col-eleven {  
    width: 91.66667%;  
}
```

```
.col-twelve,  
.col-full {  
    width: 100%;
```

```
}
```

```
/* -----
```

```
* small screens - (_grid.scss)
```

```
* ----- */
```

```
@media screen and (max-width:1024px) {
```

```
  .row .row {
```

```
    margin-left: -18px;
```

```
    margin-right: -18px;
```

```
  }
```

```
  [class*="col-"] {
```

```
    padding: 0 18px;
```

```
  }
```

```
}
```

```
/* -----
```

```
* tablets - (_grid.scss)
```

```
* ----- */
```

```
@media screen and (max-width:768px) {
```

```
  .row {
```

```
    width: auto;
```

```
    padding-left: 30px;
```

```
    padding-right: 30px;
```

```
  }
```

```
  .row .row {
```



```
padding-left: 0;
padding-right: 0;
margin-left: -15px;
margin-right: -15px;
}
```

```
[class*="col-"] {
padding: 0 15px;
}
```

```
.tab-1-4 {
width: 25%;
}
```

```
.tab-1-3 {
width: 33.33333%;
}
```

```
.tab-1-2 {
width: 50%;
}
```

```
.tab-2-3 {
width: 66.66667%;
}
```

```
.tab-3-4 {
width: 75%;
```

```
}
```

```
.tab-full {
```

```
    width: 100%;
```

```
}
```

```
}
```

```
/* -----
```

```
* large mobile devices - (_grid.scss)
```

```
* ----- */
```

```
@media screen and (max-width:600px) {
```

```
    .row {
```

```
        padding-left: 25px;
```

```
        padding-right: 25px;
```

```
    }
```

```
    .row .row {
```

```
        margin-left: -10px;
```

```
        margin-right: -10px;
```

```
    }
```

```
[class*="col-"] {
```

```
    padding: 0 10px;
```

```
}
```

```
.mob-1-4 {
```

```
    width: 25%;
```

```
}
```

```
.mob-1-2 {
```

```
    width: 50%;
```

```
}
```

```
.mob-3-4 {
```

```
    width: 75%;
```

```
}
```

```
.mob-full {
```

```
    width: 100%;
```

```
}
```

```
}
```

```
/* -----
```

```
* small mobile devices - (_grid.scss)
```

```
* ----- */
```

```
@media screen and (max-width:400px) {
```

```
    .row .row {
```

```
        padding-left: 0;
```

```
        padding-right: 0;
```

```
        margin-left: 0;
```

```
        margin-right: 0;
```

```
}
```

```
[class*="col-"] {
```

```
        width: 100% !important;

        float: none !important;

        clear: both !important;

        margin-left: 0;

        margin-right: 0;

        padding: 0;

    }

    [class*="col-"] + [class*="col-"].end {

        float: none;

    }

}
```

```
/* =====

* 04. block grids - (_grid.scss)

*

* ----- */

[class*="block-"]:before,
[class*="block-"]:after {

    content: "";

    display: table;

}

[class*="block-"]:after {

    clear: both;

}
```

```
.block-1-6 .bgrid {  
    width: 16.66667%;  
}
```

```
.block-1-4 .bgrid {  
    width: 25%;  
}
```

```
.block-1-3 .bgrid {  
    width: 33.33333%;  
}
```

```
.block-1-2 .bgrid {  
    width: 50%;  
}
```

```
/**
```

```
 * Clearing for block grid columns. Allow columns with
```

```
 * different heights to align properly.
```

```
*/
```

```
.block-1-6 .bgrid:nth-child(6n+1),  
.block-1-4 .bgrid:nth-child(4n+1),  
.block-1-3 .bgrid:nth-child(3n+1),  
.block-1-2 .bgrid:nth-child(2n+1) {  
    clear: both;  
}
```

```
/* -----  
* small screens - (_grid.scss)  
* ----- */  
  
@media screen and (max-width:1024px) {  
    .block-s-1-6 .bgrid {  
        width: 16.66667%;  
    }  
  
    .block-s-1-4 .bgrid {  
        width: 25%;  
    }  
  
    .block-s-1-3 .bgrid {  
        width: 33.33333%;  
    }  
  
    .block-s-1-2 .bgrid {  
        width: 50%;  
    }  
  
    .block-s-full .bgrid {  
        width: 100%;  
        clear: both;  
    }  
  
    [class*="block-s-"] .bgrid:nth-child(n) {  
        clear: none;  
    }  
}
```

```
.block-s-1-6 .bgrid:nth-child(6n+1),
.block-s-1-4 .bgrid:nth-child(4n+1),
.block-s-1-3 .bgrid:nth-child(3n+1),
.block-s-1-2 .bgrid:nth-child(2n+1) {

    clear: both;

}

}

/* -----
* tablets - (_grid.scss)
* ----- */

@media screen and (max-width:768px) {

    .block-tab-1-6 .bgrid {

        width: 16.66667%;

    }

    .block-tab-1-4 .bgrid {

        width: 25%;

    }

    .block-tab-1-3 .bgrid {

        width: 33.33333%;

    }

    .block-tab-1-2 .bgrid {

        width: 50%;

    }

}
```

```
}
```

```
.block-tab-full .bgrid {  
    width: 100%;  
    clear: both;  
}
```

```
[class*="block-tab-"] .bgrid:nth-child(n) {  
    clear: none;  
}
```

```
.block-tab-1-6 .bgrid:nth-child(6n+1),  
.block-tab-1-4 .bgrid:nth-child(4n+1),  
.block-tab-1-3 .bgrid:nth-child(3n+1),  
.block-tab-1-2 .bgrid:nth-child(2n+1) {  
    clear: both;  
}
```

```
}
```

```
/* -----  
* large mobile devices - (_grid.scss)  
* ----- */
```

```
@media screen and (max-width:600px) {  
    .block-mob-1-6 .bgrid {  
        width: 16.66667%;  
    }  
}
```



```
.block-mob-1-4 .bgrid {  
    width: 25%;  
}
```

```
.block-mob-1-3 .bgrid {  
    width: 33.33333%;  
}
```

```
.block-mob-1-2 .bgrid {  
    width: 50%;  
}
```

```
.block-mob-full .bgrid {  
    width: 100%;  
    clear: both;  
}
```

```
[class*="block-mob-"] .bgrid:nth-child(n) {  
    clear: none;  
}
```

```
.block-mob-1-6 .bgrid:nth-child(6n+1),  
.block-mob-1-4 .bgrid:nth-child(4n+1),  
.block-mob-1-3 .bgrid:nth-child(3n+1),  
.block-mob-1-2 .bgrid:nth-child(2n+1) {  
    clear: both;  
}
```

```
}
```

```
/* -----
```

```
* stack on small mobile devices - (_grid.scss)
```

```
* ----- */
```

```
@media screen and (max-width:400px) {
```

```
  .stack .bgrid {
```

```
    width: 100% !important;
```

```
    float: none !important;
```

```
    clear: both !important;
```

```
    margin-left: 0;
```

```
    margin-right: 0;
```

```
  }
```

```
}
```

```
/* =====
```

```
* 05. MISC - (_grid.scss)
```

```
*
```

```
* ----- */
```

```
/**
```

```
* Clearing - (http://nicolasgallagher.com/micro-clearfix-hack/)
```

```
*/
```

```
.group:before,
```

```
.group:after {
```

```
  content: "";
```

```
        display: table;
    }

```

```
.group:after {
    clear: both;
}

```

```
/**
 * Misc Helper Styles
 */

```

```
.hide {
    display: none;
}

```

```
.invisible {
    visibility: hidden;
}

```

```
.antialiased {
    -webkit-font-smoothing: antialiased;
    -moz-osx-font-smoothing: grayscale;
}

```

```
.overflow-hidden {
    overflow: hidden;
}

```

```
.hide-content {

```

```
clip: rect(1px, 1px, 1px, 1px);  
position: absolute !important;  
height: 1px;  
width: 1px;  
overflow: hidden;  
}
```

```
.remove-bottom {  
    margin-bottom: 0;  
}
```

```
.half-bottom {  
    margin-bottom: 1.5rem !important;  
}
```

```
.add-bottom {  
    margin-bottom: 3rem !important;  
}
```

```
.tall-bottom {  
    margin-bottom: 4.5rem !important;  
}
```

```
.no-border {  
    border: none;  
}
```

```
.full-width {
```

```
    width: 100%;  
}
```

```
.text-center {  
    text-align: center;  
}
```

```
.text-left {  
    text-align: left;  
}
```

```
.text-right {  
    text-align: right;  
}
```

```
.pull-left {  
    float: left;  
}
```

```
.pull-right {  
    float: right;  
}
```

```
.align-center {  
    margin-left: auto;  
    margin-right: auto;  
    text-align: center;  
}
```

```
@media only screen and (max-width:768px) {  
  .full-width-on-mobile {  
    width: 100%;  
  }  
  
}
```

home.css:

```
html,  
body {  
  height: 100%;  
}  
  
body {  
  display: flex;  
  align-items: center;  
  padding-top: 40px;  
  padding-bottom: 40px;  
  background-color: #f5f5f5;  
}  
  
.form-signin {  
  max-width: 330px;  
  padding: 15px;  
}
```

```
.form-signin .form-floating:focus-within {  
  z-index: 2;  
}
```

```
.form-signin input[type="email"] {  
  margin-bottom: -1px;  
  border-bottom-right-radius: 0;  
  border-bottom-left-radius: 0;  
}
```

```
.form-signin input[type="password"] {  
  margin-bottom: 10px;  
  border-top-left-radius: 0;  
  border-top-right-radius: 0;  
}
```