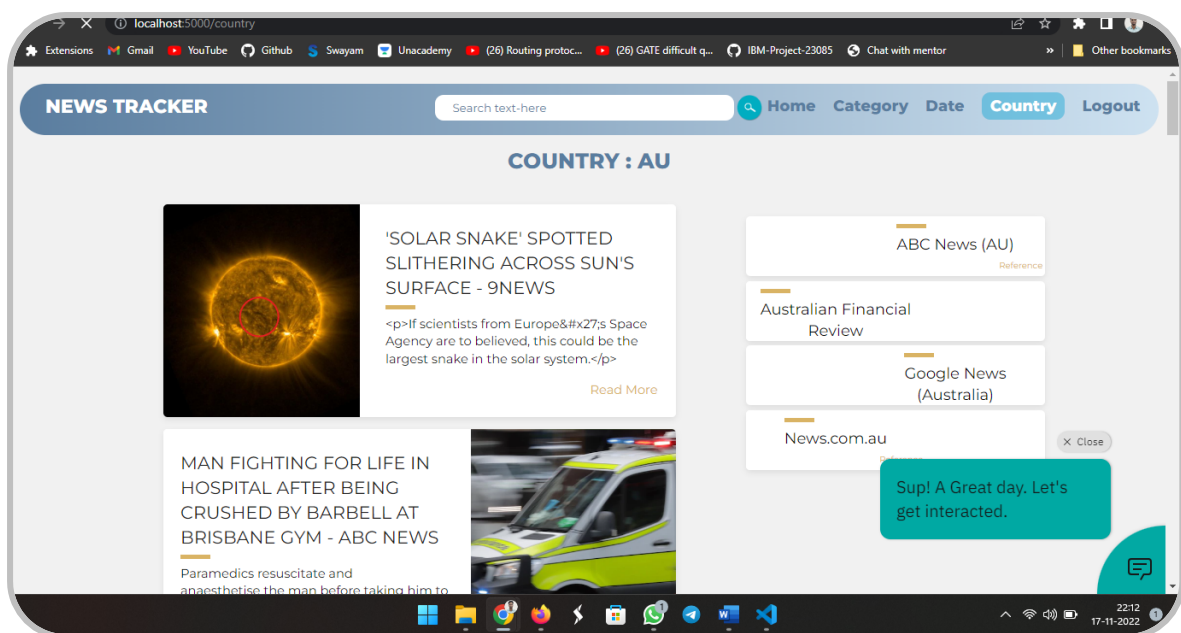
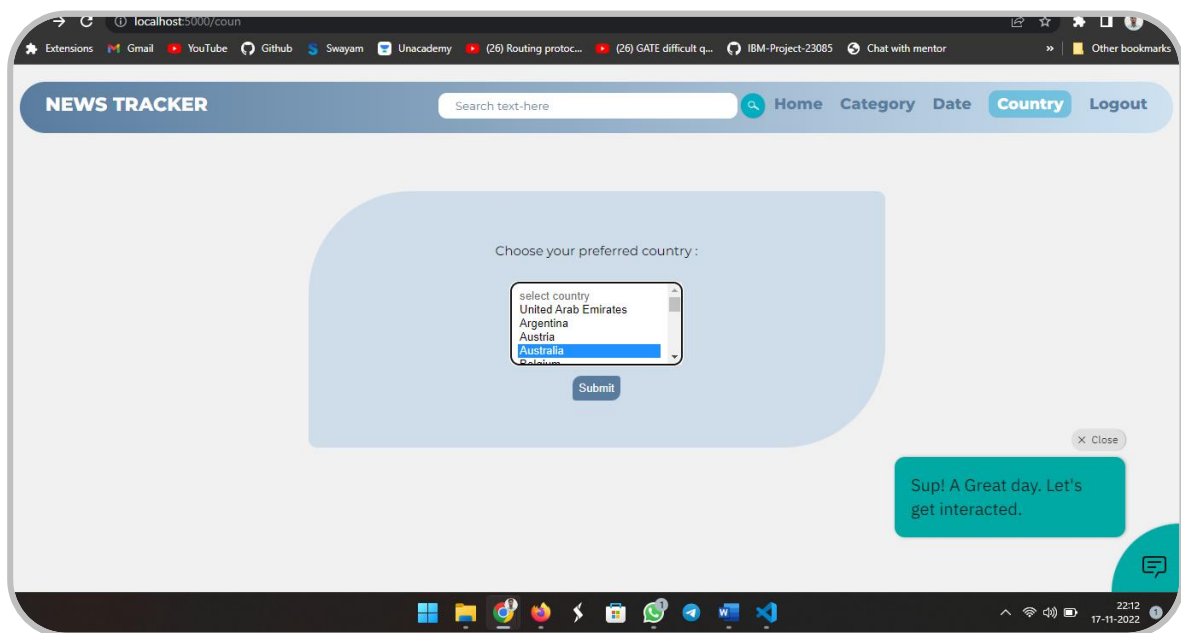


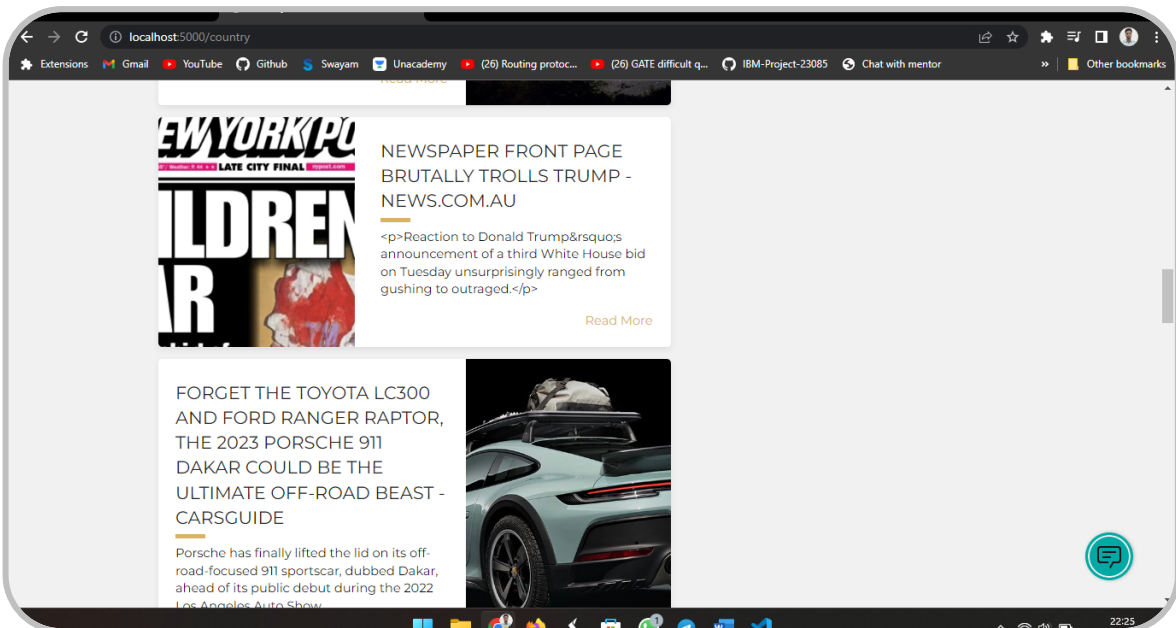
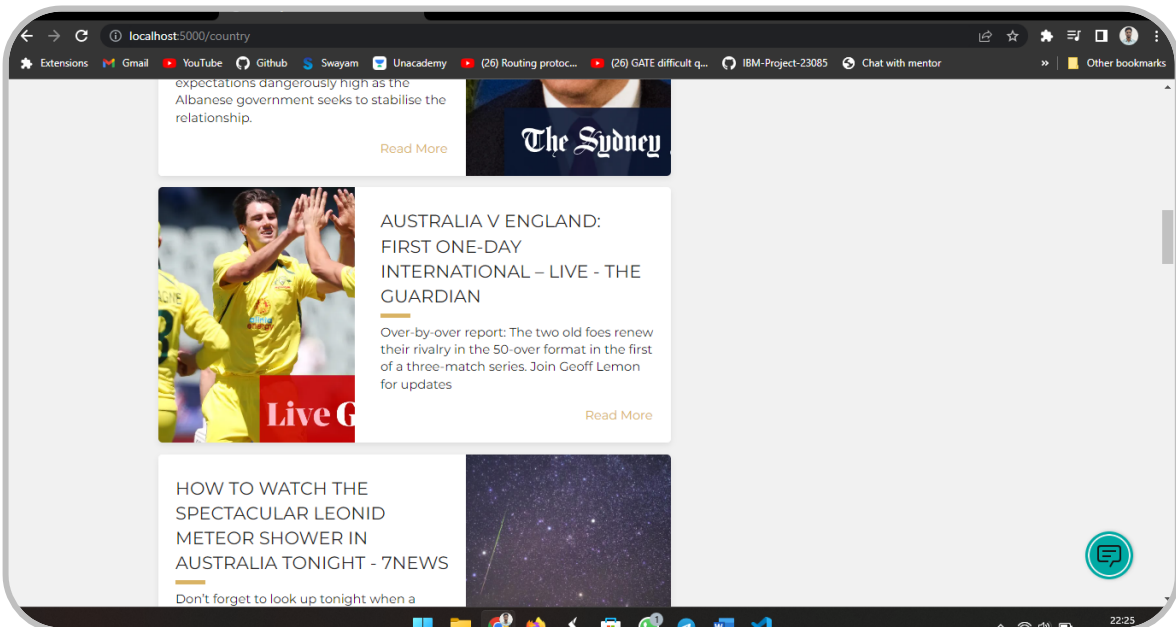
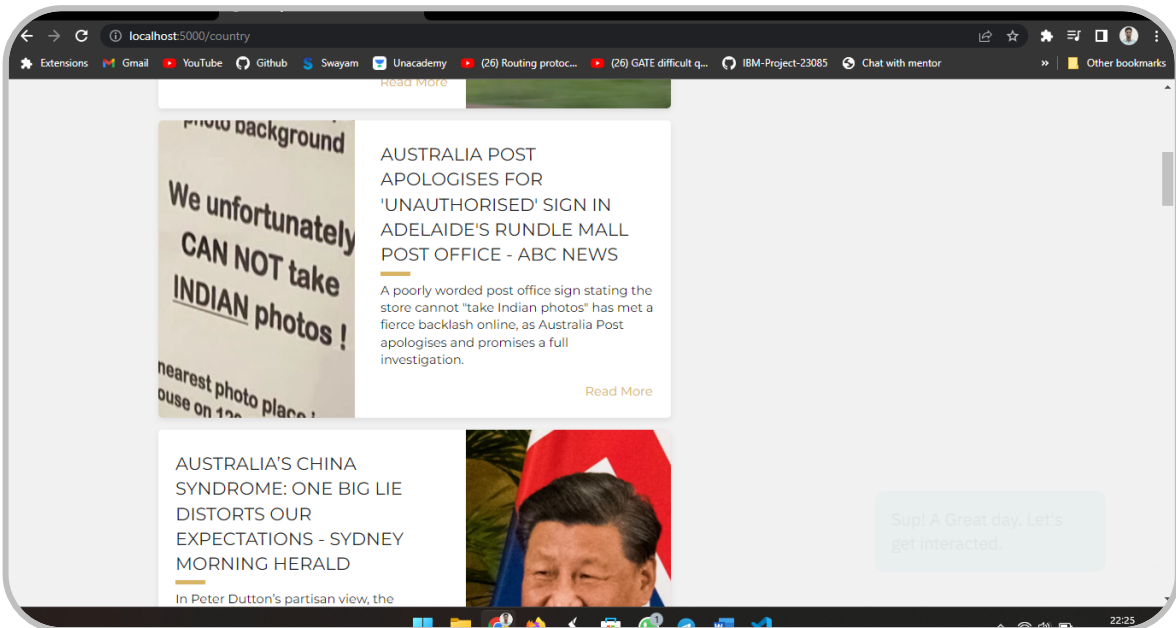
Creation	SPRINT 4
Team ID:	PNT2022TMID06749
Project Name	News Tracker Application

SPRINT-4

Country wise news

Country wise specific news are also available filtered from various nation-wide news media posted over internet.





Code for country based news <app.py>

```
@app.route('/coun')
def coun():
    return render_template("country_list.html")

@app.route('/country', methods=["POST", "GET"])
def country():
    if request.method == 'POST':
        try:
            id = request.form['country']
            # id = "in"
            # print("country: " + id)

            topheadlines = newsapi.get_top_headlines(country=id.lower(), page=2)
            # from_param = "2022-11-08", to = "2022-11-09", page = 2,
            articles = topheadlines['articles']
            desc = []
            news = []
            img = []
            timing = []
            more = []
            auth = []
            for i in range(len(articles)):
                myarticles = articles[i]

                news.append(myarticles['title'])
                desc.append(myarticles['description'])
                img.append(myarticles['urlToImage'])
                x = myarticles['publishedAt']
                timing.append(x[0:10] + " @ " + x[11:16])
                more.append(myarticles['url'])
                au = myarticles['author']
                if au == None or au[0:3] == "htt":
                    au = "Media News"
                auth.append(au)
            myList = zip(desc, news, img, timing, more, auth)

            topsources = newsapi.get_sources(country=id.lower())
            articles = topsources['sources']
            desc = [] #category
            name = []
            url = []
            chan = []
            # timing = []
            coun = []
            for i in range(len(articles)):
                myarticles = articles[i]
                chan.append(myarticles['id'])
                name.append(myarticles['name'])
                desc.append(myarticles['category'].capitalize())
```

```

        url.append(myarticles['url'])
        coun.append(myarticles['country'].upper())

    mySources=zip(name,desc,url,coun,chan)

    return
render_template('dash_country.html',context=myList,channels=mySources,id=id.upper())
except Exception as e:
    print("Exception : "+str(e))

```

Code for Country List [HTML file]:

```

<!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>Country Wise</title>
    <link rel="stylesheet" href="{{
url_for('static',filename='styles/dashstyle.css') }}">
    <link rel="stylesheet" href="{{
url_for('static',filename='styles/cardstyle.css') }}">
    <link rel="stylesheet" href="/static/styles/dashstyle.css">
    <link rel="stylesheet" href="/static/styles/cardstyle.css">
</head>

<body>
    <div class="nav">
        <input type="checkbox" id="nav-check">
        <div class="nav-header">
            <div class="nav-title">
                NEWS TRACKER
            </div>
        </div>
        <div class="nav-btn">
            <label for="nav-check">
                <span></span>
                <span></span>
                <span></span>
            </label>
        </div>

        <div class="nav-links">
            <form action="/search" method="post">
                <input name="search" id="search" type="text" placeholder="Search
text-here">
                <input type="image" name="submit" style="position: absolute;margin-
left: 3px;" width="30px" height="30px"
src="data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAAEAAAJJCAYAAACK
/AR0IQZF74B+AAAAAE1FTkSuQmCC" "></button>

```

```

</form>
</div>
<div class ="links-holder">
  <a href="/dash" target="_blank">Home</a>
  <a href="/cat" target="_blank">Category</a>
  <a href="/dat" target="_blank">Date</a>
  <a href="/coun" target="_blank" style=" background-color: rgba(23,
168, 212, 0.467);
border-radius: 10px;
padding: 5px;
padding-left: 10px;
padding-right: 10px;
color: white;">Country</a>
  <a href="/" target="_blank">Logout</a>

</div>
</div>
<div style="text-align: center; background-color: #95b9dc5e ; width:
50%;height: 300px; margin:5% 25%;border-radius: 120px 10px;" >
  <form action="/country" method="post">
    <p style="font-size: 15px;padding-top: 60px;">Choose your preferred
country : </p><br>
    <select id="country" name="country" size="5" style="width:200px ; border:
none; border-radius: 10px;padding: 8px;" required>
      <option disabled>select country</option>
      <option value="ae">United Arab Emirates</option>
      <option value="ar">Argentina</option>
      <option value="at">Austria</option>
      <option value="au">Australia</option>
      <option value="be">Belgium</option>
      <option value="bg">Bulgaria</option>
      <option value="br">Brazil</option>
      <option value="ca">Canada</option>
      <option value="ch">Switzerland</option>
      <option value="cn">China</option>
      <option value="co">Colombia</option>
      <option value="cu">Cuba</option>
      <option value="cz">Czech Republic</option>
      <option value="DE">Germany</option>
      <option value="EG">Egypt</option>
      <option value="FR">France</option>
      <option value="GB">United Kingdom</option>
      <option value="GR">Greece</option>
      <option value="HK">Hong Kong</option>
      <option value="HU">Hungary</option>
      <option value="ID">Indonesia</option>
      <option value="IN">India</option>
      <option value="IE">Ireland</option>
      <option value="IL">Israel</option>
      <option value="IT">Italy</option>
      <option value="JP">Japan</option>
      <option value="KR">Republic ofKorea</option>
      <option value="LT">Lithuania</option>

```

```

        <option value="MA">Morocco</option>
        <option value="MX">Mexico</option>
        <option value="MY">Malaysia</option>
        <option value="NG">Nigeria</option>
        <option value="NL">Netherlands</option>
        <option value="NO">Norway</option>
        <option value="NZ">New Zealand</option>
        <option value="PH">Philippines</option>
        <option value="PL">Poland</option>
        <option value="PT">Portugal</option>
        <option value="RO">Romania</option>
        <option value="RS">Serbia</option>
        <option value="RU">Russian Federation</option>
        <option value="SA">Saudi Arabia</option>
        <option value="SE">Sweden</option>
        <option value="SG">Singapore</option>
        <option value="SI">Slovenia</option>
        <option value="SK">Slovakia</option>
        <option value="TH">Thailand</option>
        <option value="TR">Turkey</option>
        <option value="TW">Taiwan, Province of China</option>
        <option value="UA">Ukraine</option>
        <option value="US">United States</option>
        <option value="VE">Venezuela</option>
        <option value="ZA">South Africa</option>
    </select><br><br>
    <input type="submit" style="background-color: #5A7D9F ; border-radius:
10px 4px; border: 2px solid #5A7D9F; color: white; padding: 5px;">
</form>
</div>

</body>
<script>
    window.watsonAssistantChatOptions = {
        integrationID: "ec46d036-ef12-443f-b77e-a6c9f7d2cbbe",
        region: "jp-tok", // The region of integration is hosted in.
        serviceInstanceID: "0c9afe01-34c8-460a-a9cf-d56f7700b390", // The ID of
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>
</html>

```

Code for HTML file : News feed for country based news:

```
<!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>Country Wise</title>
  <link rel="stylesheet" href="{ {
url_for('static',filename='styles/dashstyle.css') }}">
  <link rel="stylesheet" href="{ {
url_for('static',filename='styles/cardstyle.css') }}">
  <link rel="stylesheet" href="/static/styles/dashstyle.css">
  <link rel="stylesheet" href="/static/styles/cardstyle.css">
</head>

<body>
  <div class="nav">
    <input type="checkbox" id="nav-check">
    <div class="nav-header">
      <div class="nav-title">
        NEWS TRACKER
      </div>
    </div>
    <div class="nav-btn">
      <label for="nav-check">
        <span></span>
        <span></span>
        <span></span>
      </label>
    </div>

    <div class="nav-links">
      <form action="/search" method="post">
        <input name="search" id="search" type="text" placeholder="Search
text-here">
        <input type="image" name="submit" style="position: absolute;margin-
left: 3px;" width="30px" height="30px"
src="data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAAEAAAJJCAyAAACK
/AR0IQZF74B+AAAAAE1FTkSuQmCC" ></button>
      </form>
    </div>
    <div class="links-holder">
      <a href="/dash" target="_blank">Home</a>
      <a href="/cat" target="_blank">Category</a>
      <a href="/dat" target="_blank">Date</a>
      <a href="/coun" target="_blank" style=" background-color: rgba(23,
168, 212, 0.467);
border-radius: 10px;
```



```

        </div>
    </div>
</div>
    <div class="description" style="padding: 5px;text-align:
center; margin-bottom: 0;">
        <p style="font-size: 18px;">{{nam}}</p>

        <p class="read-more" style="margin-top: 0px;">
            <a href="/channel/{{chan}}" style="font-size:
10px;">Reference</a>
        </p>
    </div>
</div>
{% endfor %}

</div>

</body>
<script>
    window.watsonAssistantChatOptions = {
        integrationID: "ec46d036-ef12-443f-b77e-a6c9f7d2cbbe",
        region: "jp-tok", // The region of integration is hosted in.
        serviceInstanceID: "0c9afe01-34c8-460a-a9cf-d56f7700b390", // The ID of
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>
</html>

```

IBM WATSON ASSISTANT

