

Sprint 2

Date	5 November 2022
Team ID	PNT2022TMID13865
Project Name	News Tracker Application

search.html:

```
<!DOCTYPE html>
<html lang="en">
<head>...
</head>
<body>
  <ul> ...
    <form method="post" action="{{url_for('search')}}" target="_top">|
      <input type="text" name="query" />
      <input type="submit"/>
    </form>
    {% if pref_news|length!=0 %}
    <h3>News to your Taste</h3>
    <div style="display:flex;flex-wrap:wrap;">
      {% for i in pref_news%}
      <div style="width :200px;height :200px;box-shadow:1px 20px 20px black;margin:30px;padding:10px">
        <p>{{i['TITLE']}}</p>
        <p><b>Source : </b>{{i['SOURCE']}}</p>
        <div style="width:35px ;height:20px;background-color:rgb(34, 159, 255);text-align:center;border-radius:10px">
        <a style="text-decoration:none;color:rgb(255, 255, 255);" href="{{i['LINK']}}">visit</a>
        </div>
      </div>
      {% endfor %}
    </div>
    {% endif %}
    {% if non_pref_news|length!=0 %}
    <h3>Suggested News</h3>
    <div style="display:flex;flex-wrap:wrap;">
      {% for i in non_pref_news%}
      <div style="width :200px;height :200px;box-shadow:1px 20px 20px black;margin:30px;padding:10px">
        <p>{{i['TITLE']}}</p>
        <p><b>Source : </b>{{i['SOURCE']}}</p>
        <div style="width:35px ;height:20px;background-color:rgb(34, 159, 255);text-align:center;border-radius:10px">
        <a style="text-decoration:none;color:rgb(255, 255, 255);" href="{{i['LINK']}}">visit</a>
        </div>
      </div>
      {% endfor %}
    </div>
    {% endif %}
  </body>
</html>
```

search.py

```
@app.route('/search',methods=['GET','POST'])
def search():
    global userID
    news_data = []
    pref_news = []
    non_pref_news = []
    if request.method == 'POST' and request.form['query']!= '':
        stmt = exec_immediate(dbCon,"Select * from news_data where title like \'%"+request.form['query']+"%\'")
        dict = fetch_assoc(stmt)
        while dict!= False:
            news_data.append(dict)
            dict = fetch_assoc(stmt)
    else:
        stmt = exec_immediate(dbCon,"Select * from news_data")
        dict = fetch_assoc(stmt)
        while dict!= False:
            news_data.append(dict)
            dict = fetch_assoc(stmt)
    print(userID)
    if(userID != None):
        getUserCat = "Select CATEGORY from user_credentials where ID = \'"+userID+"\'"
        stmt = exec_immediate(dbCon,getUserCat)
        dict = fetch_assoc(stmt)
        user_Categories = dict['CATEGORY'].split(",")
        for i in news_data:
            if any(check in user_Categories for check in i['CATEGORY'].split(",")):
                pref_news.append(i)
            else:
                non_pref_news.append(i)
    else:
        non_pref_news = news_data
    print(userID)
    print(len(pref_news), "---", len(non_pref_news))
    return render_template("home.html",pref_news = pref_news,non_pref_news = non_pref_news,userID=userID)
```

Output:

