Sprint 3

Date	12 November 2022
Team ID	PNT2022TMID13865
Project Name	News Tracker Application

preference.html:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <script type="text/javascript">…
    </script>

    <style type="text/css">…
    </style>
</head>
<body>
    <ul>…
    <div style="display:flex;justify-content:center;align-items:center;">
    <div style="height:300px;width:300px;">
    <form method='post' id = "category-selection-form">
    {%for i in total%}
        <div class = {{"selected-div" if i in user else "notselected-div" }}>
            <div class="cat-container">
                <input type="checkbox" id = {{i}} value={{i}} name = {{i}} onclick="handleChange(this)" hidden {{"checked" if i in user else
                <label for={{i}} class={{"selected" if i in user else "notselected" }}>{{i}}</label>
            </div>
        </div>
    {% endfor %}
    <br>
    <br>
    <label>Do you wish to recieve news update?</label>
    <input type="text" name="email_pref" value='{{email_pref}}' onclick="handleEmail()" id="email_pref" readonly style="width:30px;"/>
    <br>
    <br>
    <a href="{{ url_for('home') }}"><input type="button" value="cancel" class = "failure-btn"/></a>

    <input type="button" onclick="handleSubmit()" value="Change" class="success-btn"/>
    </form>
</div>
</div>
</body>
</html>
```

preference.py

```python
app = Flask(__name__)
userID = None
total_Categories = ["business","entertainment","environment","food","health","politics","science","sports","technology","top","world"]

@app.route("/",methods=['GET','POST'])
def home():
    global userID
    if userID!=None:
        getUserCat = "Select CATEGORY,EMAIL_PREF from user_credentials where ID = \'"+userID+"\'"
        stmt = exec_immediate(dbCon,getUserCat)
        dict = fetch_assoc(stmt)
        user_Categories = dict['CATEGORY'].split(",")
        user_email_pref = dict['EMAIL_PREF']
        if(request.method=='POST'):
            sel_Categories = list(request.form.keys())
            sel_Categories.remove("email_pref")
            updateUserCat = "Update user_credentials set CATEGORY =?,EMAIL_PREF=?  where ID = ?"
            prep_stmt = prepare(dbCon, updateUserCat)
            bind_param(prep_stmt, 1, ",".join(sel_Categories))
            bind_param(prep_stmt, 2, request.form.get('email_pref'))
            bind_param(prep_stmt, 3, userID)
            execute(prep_stmt)
            return redirect(url_for('home'))
        return render_template("index.html",total = total_Categories,user= user_Categories,email_pref=user_email_pref,userID = userID)
    else:
        return redirect(url_for('login'))
```

Output:

Search   Preferences   Logout

business   entertainment
environment   food
health   politics
science   sports
technology   top
world

Do you wish to recieve news update? false

cancel   Change