

Sprint 1

Date	29 October 2022
Team ID	PNT2022TMID13865
Project Name	News Tracker Application

Registration.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <script type="text/javascript">
    function validateRegister(){ ...
  }
</script>
<style>
  .cont{ ...
  }
  ul { ...
</style>
</head>
<body>
  <ul>
    <li><a href="{{ url_for('login') }}">Login</a></li>
    <li><a href="{{ url_for('home') }}">Preferences</a></li>
    <li><a href="{{ url_for('search') }}">Search</a></li>
  </ul>
  <div>
    <a href="{{ url_for('login') }}"><input type="button" onclick="" value="Have an Account Already ?" /></a>
    <form method = 'post' id = 'reg-form'>
      <label>Email</label><br>
      <input type = "email" name = "username" id="username"/><br>
      <label>Full Name</label><br>
      <input type = "text" name = "name" id="name"/><br>
      <label>Password</label><br>
      <input type = "password" name = "password" id="password"/><br><br>
      <label>Confirm Password</label><br>
      <input type = "password" name = "Cpassword" id="Cpassword"/><br><br>
      <input type="button" value="Register" onclick="validateRegister()"/>
      <p id="warning"></p>
    </form>
  </div>
</body>
</html>
```

App.py

```
@app.route("/login",methods=['GET','POST'])
def login():
    global userID
    user_cred = []
    stmt = exec_immediate(dbCon,"Select * from user_credentials")
    dict = fetch_assoc(stmt)
    while dict!= False:
        user_cred.append(dict)
        dict = fetch_assoc(stmt)
    if(request.method == 'POST'):
        userID = request.form['status']
        return redirect(url_for('home'))
    return render_template("login.html",cred = user_cred)

@app.route("/register",methods=['GET','POST'])
def register():
    reg_email = []
    stmt = exec_immediate(dbCon,"Select * from user_credentials")
    dict = fetch_assoc(stmt)
    while dict!= False:
        reg_email.append(dict['USERNAME'])
        dict = fetch_assoc(stmt)
    if(request.method=='POST'):
        insert_sql = "insert into user_credentials (USERNAME,PASSWORD,NAME,Category) values(?,?,?,?)"
        reg_info = list(request.form.keys())
        userCred = {key: request.form[key] for key in reg_info}
        prep_stmt = prepare(dbCon, insert_sql)
        bind_param(prepare_stmt, 1, userCred['username'])
        bind_param(prepare_stmt, 2, userCred['password'])
        bind_param(prepare_stmt, 3, userCred['name'])
        bind_param(prepare_stmt, 4, "top")
        execute(prepare_stmt)
        return redirect(url_for('login'))
    return render_template("register.html",reg = reg_email)
```

login.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <script type="text/javascript">...
</script>
  <style>...
</style>
</head>
<body>
  <ul>
    <li><a href="{{ url_for('register') }}">Register</a></li>
    <li><a href="{{ url_for('home') }}">Preferences</a></li>
    <li><a href="{{ url_for('search') }}">Search</a></li>
  </ul>
  <div id="cont">
    <form method = 'post' id = 'login-form'>
      <label>Email</label><br>
      <input type = "email" name = "username" id="username"/><br>
      <label>Password</label><br>
      <input type = "password" name = "password" id="password"/><br><br>
      <input type = "number" name="status" id="status" hidden/>
      <input type="button" value="Login" onclick="validateLogin()"/>
      <p id="warning"></p>
    </form>
  </div>
</body>
</html>
```

Output:

