

**Project development Phase****Sprint 3**

Date	08 November 2022
Team Id	PNT2022TMID29762
Project Name	Skill/job Recommender Application

**Verification of login crediantials and chatbot developement****Database connectivity:**

```
import ibm_db
```

```
conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=3883e7e4-18f5-4afe-be8c-fa31c41761d2.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=31498;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=nvc66176;PWD=mJ8bip8lv31naRX3", "", "")
```

**login()**

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

```
def auth():
```

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

```
        email=request.form['your_name']
```

```
        password=request.form['your_pass']
```

```
        sql="SELECT * FROM login WHERE mail=? 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:
```

```
            return redirect(url_for('recomender'))
```

```
        else:
```

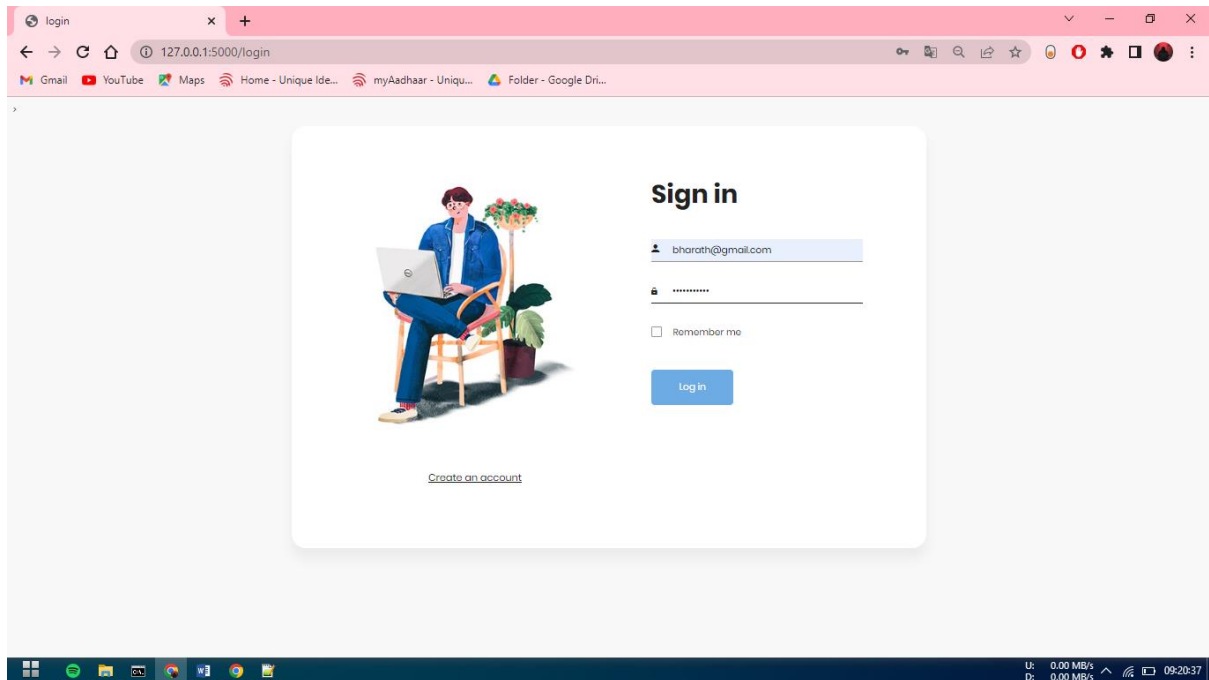
```
            return render_template('result.html', msg="incorrect username or password")
```

```
    elif request.method == 'GET':
```

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

OUTPUT :

Login page !!!



login sucessfully!!!



login sucessfully!!!

[Back to login](#)



## Development of Chatbot:

The screenshot displays the IBM Watson Assistant development environment. On the left, a workflow editor shows a sequence of steps: a starting point 'intro', followed by a choice of actions (e.g., 'create an account', 'Engineering'), and then specific actions like 'programming' and 'Engineering'. The main area is titled 'Customer starts with:' and provides instructions on how to define phrases that trigger specific actions. A 'Preview' window on the right shows a simulated chat conversation where the user says 'hi', the system recognizes 'start', and then provides a welcome message and a list of available actions.

## Publishing

The screenshot shows the 'Publish' section of the IBM Watson Assistant interface. It displays a table of 'Unpublished content' with columns for 'Unpublished content', 'Change type', 'Content type', and 'Last modified'. The table lists several items, including 'hi', 'Actions Settings', 'skills', 'Greet customer', 'No action matches', and 'Fallback'. A 'Publish' button is visible in the top right corner of the table area.

Unpublished content	Change type	Content type	Last modified
hi	Updated	Actions	9 days ago
Actions Settings	Updated	Settings	9 days ago
skills	Updated	Actions	11 days ago
Greet customer	Updated	Actions	12 days ago
No action matches	Updated	Actions	12 days ago
Fallback	Updated	Actions	12 days ago

## Bot UI design;

The screenshot shows the 'Customize your chat UI' interface in the IBM Watson Assistant console. The page title is 'Web chat' with a 'Draft' status. The main heading is 'Customize your chat UI' with a subtext: 'Update the style to match your brand and your website. A developer can also add more advanced styling changes with code. [Learn more](#)'. The interface includes several configuration sections: 'Assistant's name as known by customers' (set to 'Watson Assistant'), 'Primary color' (set to #FFFFFF), 'Secondary color' (set to #3D3D3D), 'Chat header' (set to #0354E9), and 'Accent color' (set to #0354E9). There is also a section for 'Significant and interactive objects' and an 'IBM Watermark' toggle. On the right, a preview of the chat UI is shown with a blue background and a white message bubble containing the text 'Hi! I'm a virtual assistant. How can I help you today?'. Below the preview, there are example messages: 'hi', 'Example: Check account balance', and 'Example: See how I can help'. The bottom of the screen shows a Windows taskbar with various icons and system information.

## Embed into web

The screenshot shows the 'Embed on your website' interface in the IBM Watson Assistant console. The page title is 'Web chat' with a 'Draft' status. The main heading is 'Embed on your website' with a subtext: 'Ready to launch? It's as easy as copy and paste. [Learn more](#)'. The interface includes a table with the following columns: 'Style', 'Launcher', 'Home screen', 'Live agent', 'Suggestions', 'Security', 'Embed', and 'Resources'. The 'Embed' column is highlighted. Below the table, there is a code block containing the following JavaScript code:

```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "c51f87ea-85d0-49e0-a970-525363230083", // The ID of this integration.
  region: "jp-tok", // The region your integration is hosted in.
  serviceInstanceID: "bfb9f2ab-f54e-44d3-a52c-323d793cae11", // 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 ?
document.head.appendChild(t);
});
</script>
```

Below the code block, there is a 'Show more' link. The bottom of the screen shows a Windows taskbar with various icons and system information.

```

window.watsonAssistantChatOptions = {
  integrationID: "61135ca3-a82f-423c-9b37-6422aa2c0622", // The ID of this integration.
  region: "jp-tok", // The region your integration is hosted in.
  serviceInstanceID: "bfb9f2ab-f54e-44d3-a52c-323d793cae11", // 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);
});

```

**Output:**

