

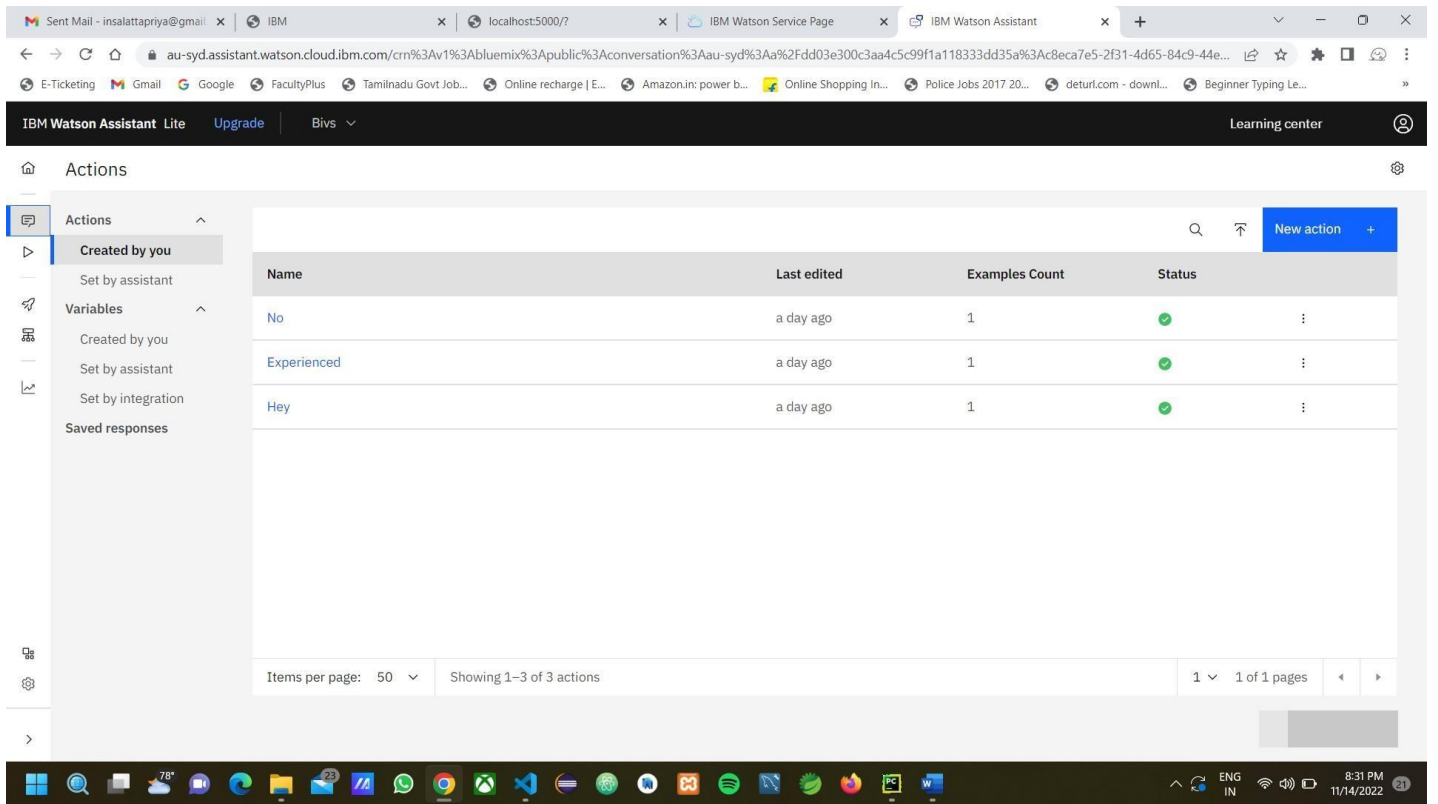
Building chatbot and integrate to app

Date	29 October 2022
Team ID	PNT2022TMID29835
Project Name	Skill And Job Recommender

Creating a Watson assistant:

The screenshot shows the IBM Watson Assistant Lite web interface. The browser tabs include 'Sent Mail - insalattapriya@gmail', 'IBM', 'localhost:5000/?', 'IBM Watson Service Page', and 'IBM Watson Assistant'. The address bar shows a URL from 'au-syd.assistant.watson.cloud.ibm.com'. The page has a dark header with 'IBM Watson Assistant Lite', 'Upgrade', 'Bivs', and a 'Learning center' link. The main content area has a 'Home' tab and a welcome message: 'Welcome, you're in the new Watson Assistant! We have some exciting changes in store for you'. Below this is a 'Take a tour' button. Three feature cards are displayed: 'Faster build' (simplified build process, 6x faster), 'Easy to use' (fully-functioning assistant without heavy lift), and 'New features' (new features for customer needs). Each card has a 'Get started' or 'View documentation' link. At the bottom, there's a 'Bivs | English (US)' section with a greeting 'Hey there, I'm Bivs your job assistant.' and a 'Get started' progress bar showing '3 steps left 7 min' and '0%'. The progress bar has three steps: 'Learn about Watson Assistant 5 min', 'Explore your learning center', and 'Explore Watson Assistant features on interactive demo site'. A rocket icon is on the right of the progress bar. The Windows taskbar at the bottom shows various icons and the system clock '8:29 PM 11/14/2022'.

Defining actions to the assistant:



Integration of Watson assistant in the application:

Integration code:

```
{% extends 'base.html' %}

{% block head %}
<meta charset="UTF-8">
<title>Dashboard</title>
<link rel="stylesheet" type="text/css" href="{{ url_for('static', filename =
'css/stdash.css') }}">
{% endblock %}
{% block body %}
<body>
<div class="container">

    <div class="navigation">
        <ul>
            <li>
                <a href="#">
                    <span class="icon"><ion-icon name="cart-outline"></ion-icon></span>
                    <span class="title">Job Recommender</span>
                </a>
            </li>
            <li>
                <a href="#">
```

```

        <span class="icon"><ion-icon name="home-outline"></ion-icon></span>
        <span class="title">Dashboard</span>
      </a>
    </li>
    <li>
      <a href="/changePASS">
        <span class="icon"><ion-icon name="lock-open-sharp"></ion-icon></span>
        <span class="title">Change Password</span>
      </a>
    </li>
    <li>
      <a href="/home">
        <span class="icon"><ion-icon name="exit-outline"></ion-icon></span>
        <span class="title">sign out</span>
      </a>
    </li>
  </ul>
</div>

<!-- main-->
<div class="main">
  <div id="search" class="search search--hidden">
    <div class="search__content" id="search-content"></div>
    <button id="clear" class="search__clear">Clear</button>
  </div>
  <div class="jobs" id="jobs"></div>
  <script src="{{ url_for('static', filename = 'js/jobs.js') }}"></script>
</div>
<script type="module"
src="https://unpkg.com/ionicons@5.5.2/dist/ionicons/ionicons.esm.js"></script>
<script nomodule src="https://unpkg.com/ionicons@5.5.2/dist/ionicons/ionicons.js"></script>
<!--menu toggle-->
<script>
  let toggle=document.querySelector('.toggle');
  let navigation=document.querySelector('.navigation');
  let main=document.querySelector('.main');

  toggle.onclick=function()
  {
    navigation.classList.toggle('active')
    main.classList.toggle('active')
  }
</script>
<script>
  //add hovered class in selected list item
  let list=document.querySelectorAll('.navigation li');
  function activeLink(){
    list.forEach((item) =>
      item.classList.remove('hovered'));

```

```

        this.classList.add('hovered');
    }
    list.forEach((item)=>
    item.addEventListener('mouseover',activeLink))
</script>
<script>
    window.watsonAssistantChatOptions = {
        integrationID: "0032bdd2-5b59-4312-a00c-cece7ea268f0", // The ID of this integration.
        region: "au-syd", // The region your integration is hosted in.
        serviceInstanceID: "30b01793-f193-4ada-a147-4610ae753688", // 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);
    });
</script>
{% endblock %}
</body>
</html>

```

Result:

The screenshot shows a web browser window with multiple tabs. The active tab is titled "Dashboard" and displays a job recommender interface. On the left, a blue sidebar contains navigation links: "Job Recommender", "Dashboard", "Change Password", and "sign out". The main content area lists four job recommendations, each with a profile picture, name, title, time posted, type, and an "APPLY NOW" link:

- Photosnap**: Senior Frontend Developer, 1d ago, Full Time, [APPLY NOW](#)
- manage**: Fullstack Developer, 1d ago, Part Time, [APPLY NOW](#)
- ACCOUNT**: Junior Frontend Developer, 2d ago, Part Time, [APPLY NOW](#)
- MYHOME**: Junior Frontend Developer, 5d ago, Contract, [APPLY NOW](#)

A chatbot overlay is positioned on the right side of the screen. It has a blue header with a close button and the text "Frontend". The main body is white and contains the greeting "Hi! I'm a virtual assistant. How can I help you today?". Below this are three example prompts in rounded rectangles: "Example: Setup a Meeting", "Example: Schedule a Meeting", and "Example: Create a Meeting". At the bottom, there is a text input field with the placeholder "Type something..." and a send button. The footer of the chatbot says "Built with IBM Watson®".

The browser's address bar shows the URL "127.0.0.1:5000/studentdashboard". The Windows taskbar at the bottom displays the system clock as 22:37 on 17-11-2022, along with weather information (25°C, Partly cloudy) and various application icons.