Project Development Phase
Sprint 4

Date	17 November 2022
Team ID	PNT2022TMID05805
Project Name	AI BASED DISCOURSE FOR BANKING INDUSTRY

PYTHON FLASK APP.PY

```python
from flask import Flask,render_template

app=Flask(__name__) @app.route('/')

def bank():

    return render_template('Home.html')

@app.route('/about') def

about():

    return render_template('About.html')

@app.route('/contact')              def

contact():

    return render_template('Contact.html')

if __name__ =='__main__':

app.run(debug = True)
```

Build HTML Code
HOME.HTML

```html
<!DOCTYPE html>

<html style="font-size: 16px;" lang="en"><head>

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta charset="utf-8">

    <meta name="keywords" content="">

    <meta name="description" content="">

    <title>Home</title>

    <link rel="stylesheet" href="static/css/nicepage.css" media="screen">

<link rel="stylesheet" href="static/css/Home.css" media="screen">

    <script class="u-script" type="text/javascript" src="static/js/jquery.js" defer=""></script>

    <script class="u-script" type="text/javascript" src="static/js/nicepage.js" defer=""></script>

    <meta name="generator" content="Nicepage 4.21.12, nicepage.com">

    <link id="u-theme-google-font" rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Roboto:100,100i,300,300i,400,400i,500,500i,700,700i,900,900i|Open+Sans:300,300i,400,400i,500,500i,600,600i,700,700i,800,800i">

    <link id="u-page-google-font" rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,500,500i,600,600i,700,700i,800,800i,900,900i">

    <script type="application/ld+json">{

                "@context": "http://schema.org",

                "@type": "Organization",

                "name": "Site1"

}</script>

    <meta name="theme-color" content="#478ac9">

    <meta property="og:title" content="Home">

    <meta property="og:description" content="">
```

```html
    <meta property="og:type" content="website">

  </head>

  <body class="u-body u-xl-mode" data-lang="en"><header class="u-clearfix u-header u-header" id="sec-7119"><div class="u-clearfix u-sheet u-sheet-1">

    <nav class="u-menu u-menu-dropdown u-offcanvas u-menu-1">

     <div class="menu-collapse" style="font-size: 1rem; letter-spacing: 0px;">

      <a class="u-button-style u-custom-left-right-menu-spacing u-custom-padding-bottom ucustom-top-bottom-menu-spacing u-nav-link u-text-active-palette-1-base u-text-hover-palette2-base" href="#">

       <svg class="u-svg-link" viewBox="0 0 24 24"><use xmlns:xlink="http://www.w3.org/1999/xlink" xlink:href="#menu-hamburger"></use></svg>

       <svg class="u-svg-content" version="1.1" id="menu-hamburger" viewBox="0 0 16 16" x="0px" y="0px" xmlns:xlink="http://www.w3.org/1999/xlink" xmlns="http://www.w3.org/2000/svg"><g><rect y="1" width="16" height="2"></rect><rect y="7" width="16" height="2"></rect><rect y="13" width="16" height="2"></rect>

</g></svg>

      </a>

     </div>

     <div class="u-nav-container">

      <ul class="u-nav u-unstyled u-nav-1"><li class="u-nav-item"><a class="u-button-style unav-link u-text-active-palette-1-base u-text-hover-palette-2-base" href="{{ url_for('bank') }}" style="padding: 10px 22px;">Home</a>

</li><li class="u-nav-item"><a class="u-button-style u-nav-link u-text-active-palette-1-base utext-hover-palette-2-base" href="{{ url_for('about') }}" style="padding: 10px 22px;">About</a>
</li><li class="u-nav-item"><a class="u-button-style u-nav-link u-text-active-palette-1-base utext-hover-palette-2-base" href="{{ url_for('contact') }}" style="padding: 10px 22px;">Contact</a>
</li></ul>

     </div>
```

```html
    <div class="u-nav-container-collapse">

      <div class="u-black u-container-style u-inner-container-layout u-opacity u-opacity-95
usidenav">

        <div class="u-inner-container-layout u-sidenav-overflow">

         <div class="u-menu-close"></div>

          <ul class="u-align-center u-nav u-popupmenu-items u-unstyled u-nav-2"><li
class="unav-item"><a class="u-button-style u-nav-link" href="{{ url_for('bank') }}">Home</a>

</li><li class="u-nav-item"><a class="u-button-style u-nav-link" href="{{ url_for('about')
}}">About</a>

</li><li class="u-nav-item"><a class="u-button-style u-nav-link" href="{{ url_for('contact')
}}">Contact</a>

</li></ul>

        </div>

       </div>

       <div class="u-black u-menu-overlay u-opacity u-opacity-70"></div>

      </div>

    </nav>

    <div class="u-shape u-shape-svg u-text-palette-1-base u-shape-1">

      <svg class="u-svg-link" preserveAspectRatio="none" viewBox="0 0 160 160" style=""><use
xmlns:xlink="http://www.w3.org/1999/xlink" xlink:href="#svg-dea9"></use></svg>

      <svg class="u-svg-content" viewBox="0 0 160 160" x="0px" y="0px" id="svg-dea9"><path
d="M157.5,72.3l-74-70.9c-1.9-1.9-5-1.9-6.9,0l-
74.1,71C0.9,74,0,76.1,0,78.3c0,4.6,3.7,8.3,8.3,8.3H20V150c0,5.5,4.5,10,10,10

       h28.3c2.8,0,5-2.2,5-5v-43.3c0-0.9,0.7-1.7,1.7-
1.7h30c0.9,0,1.7,0.8,1.7,1.7V155c0,2.8,2.2,5,5,5H130c5.5,0,10-4.5,10-10V86.7h11.7

c4.6,0,8.3-3.7,8.3-8.3C160,76.1,159.1,74,157.5,72.3z"></path></svg>

    </div>
```

```html
<div class="u-shape u-shape-svg u-text-palette-1-base u-shape-2">

<svg class="u-svg-link" preserveAspectRatio="none" viewBox="0 0 148 160" style=""><use xmlns:xlink="http://www.w3.org/1999/xlink" xlink:href="#svg-8c3b"></use></svg>

<svg class="u-svg-content" viewBox="0 0 148 160" x="0px" y="0px" id="svg-8c3b"><path d="M104,12.1c16.5,16.2,16.5,42.4,0,58.6s-43.3,16.2-59.8,0s-16.5-42.4,0-58.6S87.5-4,104,12.1 M138.9,106.9

c-38.6-25.5-91.2-25.5-129.7,0C3.5,110.7,0,117.1,0,124.1V160h148v-35.9C148.1,117.1,144.6,110.7,138.9,106.9L138.9,106.9z"></path></svg>

</div><span class="u-file-icon u-icon u-icon-1"><img src="static/img/3357329.png" alt=""></span>

</div></header>

<section class="u-clearfix u-image u-valign-bottom-xs u-section-1" id="carousel_9de0" dataimage-width="1980" data-image-height="1513">

<div class="u-clearfix u-layout-wrap u-layout-wrap-1">

<div class="u-layout">

<div class="u-layout-row">

<div class="u-align-left u-container-style u-layout-cell u-left-cell u-size-29 u-layout-cell1">

<div class="u-container-layout u-container-layout-1">

<div class="u-border-6 u-border-palette-4-base u-line u-line-horizontal u-line1"></div>

<h1 class="u-custom-font u-font-raleway u-text u-text-palette-4-base u-title u-text-1">
AI based discourse for Banking Industry </h1>

<p class="u-text u-text-palette-4-base u-text-2"> Team
ID: PNT2022TMID27838<span style="font-size: 1.5rem;"></span>

<br> Team Leader: Prathyush Krishnen J<br>Team Members: Abhishek B, Adithya R, Ramkumar K<br>

</p>

</div>
```

```
            </div>

            <div class="u-container-style u-layout-cell u-right-cell u-size-31 u-layout-cell-2">

              <div class="u-container-layout u-container-layout-2">

                <div class="u-preserve-proportions u-shape u-shape-circle u-white u-shape-1"></div>

                <img class="u-image u-image-contain u-image-default u-preserve-proportions uimage-1" src="static/img/istockphoto-1010001882-612x612-removebg-preview.png" alt="" data-image-width="500" data-image-height="500">

              </div>

            </div>

          </div>

        </div>

      </div>

    </section>
```

<!--CHATBOT INTEGRATION-->

```
    <script>  window.watsonAssistantChatOptions = {    integrationID: "ffa94b22-82fd-424d-baf0-05322655ecf4", // The ID of this integration.    region: "us-south", // The region your integration is hosted in.

    serviceInstanceID: "e5ada103-ff26-4155-9a22-6cd24e8a71e0", // 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>

  <footer class="u-align-center u-clearfix u-footer u-grey-80 u-footer" id="sec-bfdd"><div
class="u-clearfix u-sheet u-sheet-1">

    <p class="u-small-text u-text u-text-variant u-text-1">Banking ChatBot-2022</p>

</div></footer>

</body></html>
```

HOME.CSS

```
.u-section-1 {   background-image:

url("/static/img/bg.jpg");   background-

position: 50% 50%;   min-height: 100vh;

}

.u-section-1 .u-layout-wrap-1 {   width:

calc(((100% - 1140px) / 2) + 1140px);

margin: -18px 0 0 auto;

}
```

```css
.u-section-1 .u-layout-cell-1 {   min-
height: 723px;
}
.u-section-1 .u-container-layout-1 {
padding: 30px 29px;
}
.u-section-1 .u-line-1 {   width:
111px;   height: 6px;   transform-
origin: left center 0px;   margin:
111px auto 0 11px;
}
.u-section-1 .u-text-1 {   font-
size: 3.75rem;   font-weight:
700;   line-height: 1;   margin:
20px 17px 0 11px;
}
.u-section-1 .u-text-2 {
font-style: italic;   margin:
23px 17px 0 11px;
}
.u-section-1 .u-layout-cell-2 {   background-
position: 50% 50%;   min-height: 723px;
}
```

```css
.u-section-1 .u-container-layout-2 {

padding: 30px;

}

.u-section-1 .u-shape-1 {

width: 23px;   height: 23px;

margin: 279px 183px 0 auto;

}

.u-section-1 .u-image-1 {

width: 443px;   height:

444px;   margin: -240px 0

0 auto; }

@media (max-width: 1199px) {   .u-section-

1 .u-layout-wrap-1 {    width: calc(((100% -

940px) / 2) + 940px);

 }

  .u-section-1 .u-layout-cell-1 {    min-

height: 596px;

 }

  .u-section-1 .u-text-1 {    margin-

right: 0;

 }

  .u-section-1 .u-text-2 {    margin-

right: 0;

 }
```

```css
.u-section-1 .u-layout-cell-2 {    min-
height: 596px;
 }
 .u-section-1 .u-container-layout-2 {
padding-left: 27px;    padding-right:
27px;
 }
 .u-section-1 .u-shape-1 {    margin-
top: 296px;
 }
 .u-section-1 .u-image-1 {    margin-
top: -249px;
 }
}
@media (max-width: 991px) {   .u-section-1
.u-layout-wrap-1 {    width: calc(((100% -
720px) / 2) + 720px);
 }
 .u-section-1 .u-layout-cell-1 {    min-
height: 100px;
 }
 .u-section-1 .u-text-1 {    font-
size: 3rem;
 }
```

```css
.u-section-1 .u-layout-cell-2 {    min-
height: 525px;

 }

 .u-section-1 .u-shape-1 {    margin-
top: 285px;

 }

 .u-section-1 .u-image-1 {

width: 319px;    height:

319px;    margin-top: -

238px;

 }
}
@media (max-width: 767px) {   .u-section-1
.u-layout-wrap-1 {    width: calc(((100% -
540px) / 2) + 540px);

 }

 .u-section-1 .u-container-layout-1 {

padding-top: 50px;    padding-right:

60px;    padding-left: 10px;

 }

 .u-section-1 .u-text-1 {    font-
size: 3.75rem;

 }
```

```css
.u-section-1 .u-layout-cell-2 {    min-
height: 663px;
 }
 .u-section-1 .u-container-layout-2 {
padding-left: 10px;    padding-right:
10px;
 }
}
@media (max-width: 575px) {
  .u-section-1 {
   min-height: 907px;
 }
 .u-section-1 .u-layout-wrap-1 {
width: 390px;    margin-right:
auto;
 }
 .u-section-1 .u-container-layout-1 {    padding-
right: 50px;
 }
 .u-section-1 .u-text-1 {    font-
size: 3rem;
 }
 .u-section-1 .u-layout-cell-2 {    min-
height: 417px;
```
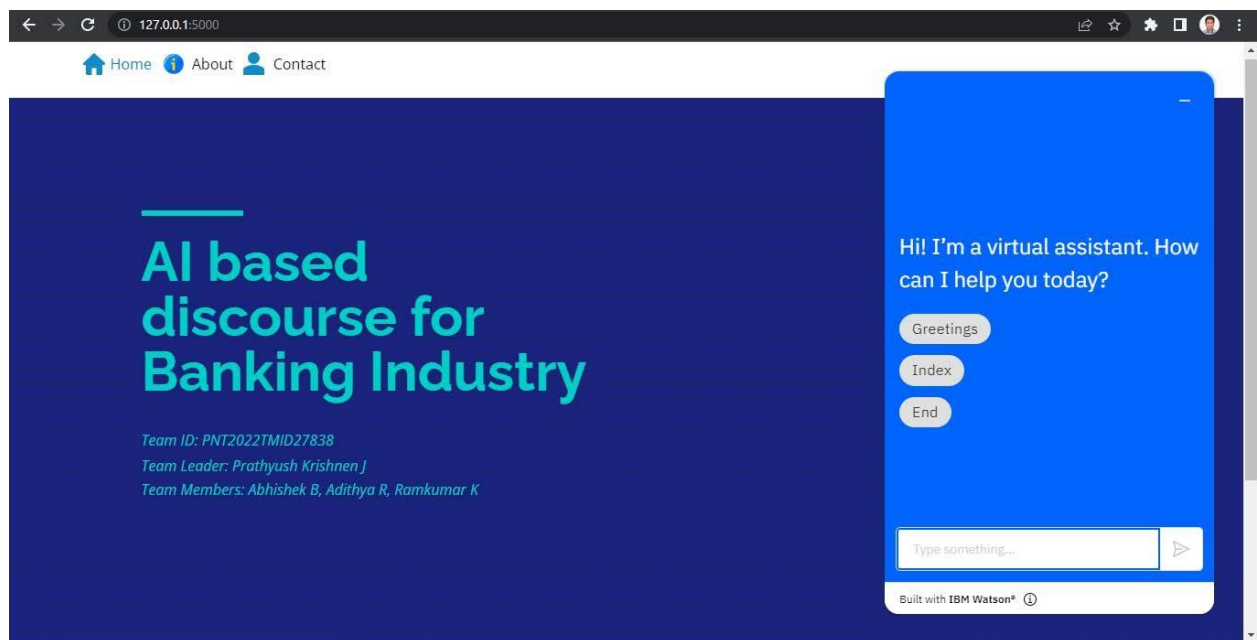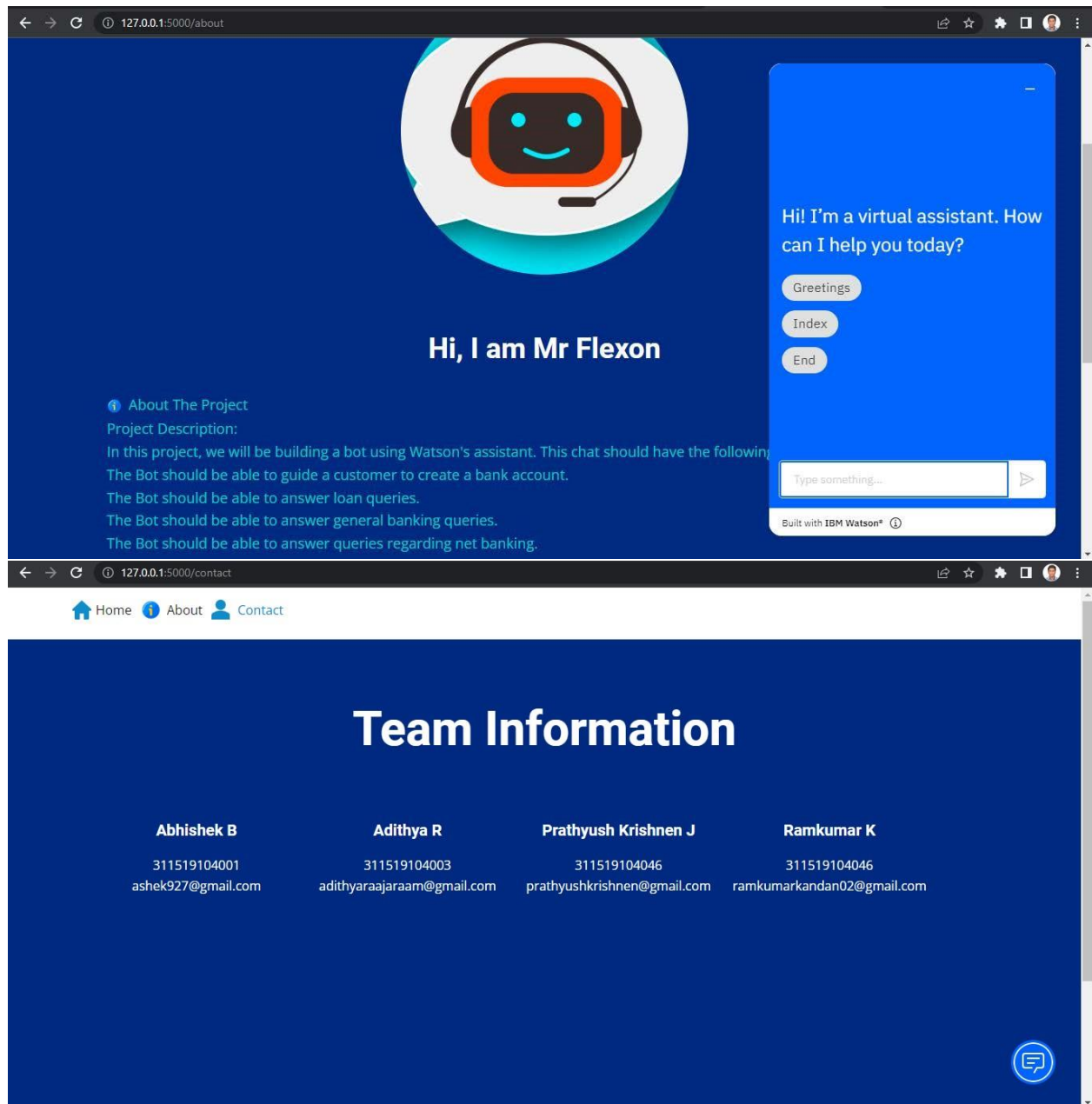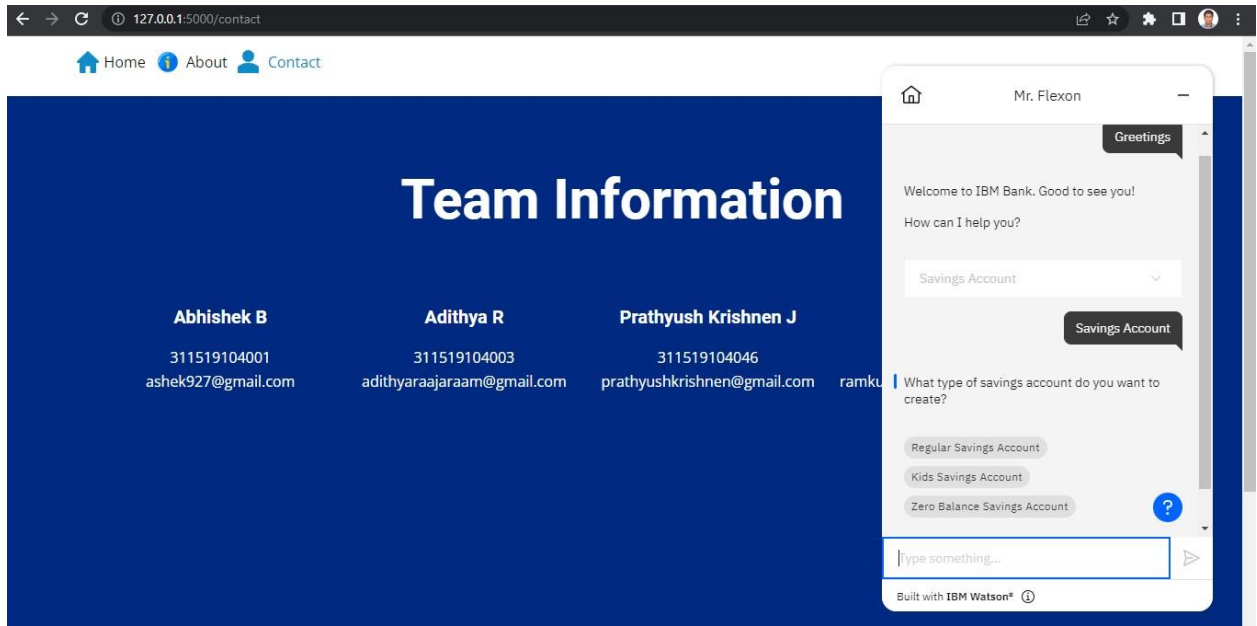
```
}

}
```

SCREENSHOTS :

Hi! I'm a virtual assistant. How can I help you today?

Greetings

Index

End

Type something...

Built with IBM Watson®

Hi, I am Mr Flexon

ⓘ About The Project

Project Description:

In this project, we will be building a bot using Watson's assistant. This chat should have the following

The Bot should be able to guide a customer to create a bank account.

The Bot should be able to answer loan queries.

The Bot should be able to answer general banking queries.

The Bot should be able to answer queries regarding net banking.

🏠 Home ⓘ About 👤 Contact

Team Information

Abhishek B	Adithya R	Prathyush Krishnen J	Ramkumar K
311519104001	311519104003	311519104046	311519104046
ashek927@gmail.com	adithyaraajaraam@gmail.com	prathyushkrishnen@gmail.com	ramkumarkandan02@gmail.com

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Team Information

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311519104001	311519104003	311519104046
ashek927@gmail.com	adithyaraajaraam@gmail.com	prathyushkrishnen@gmail.com

🏠   Mr. Flexon   —

Greetings

Welcome to IBM Bank. Good to see you!

How can I help you?

Savings Account ⌄

Savings Account

What type of savings account do you want to create?

Regular Savings Account

Kids Savings Account

Zero Balance Savings Account ❓

Type something... ▷

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