

Sprint 2

Team Mates:

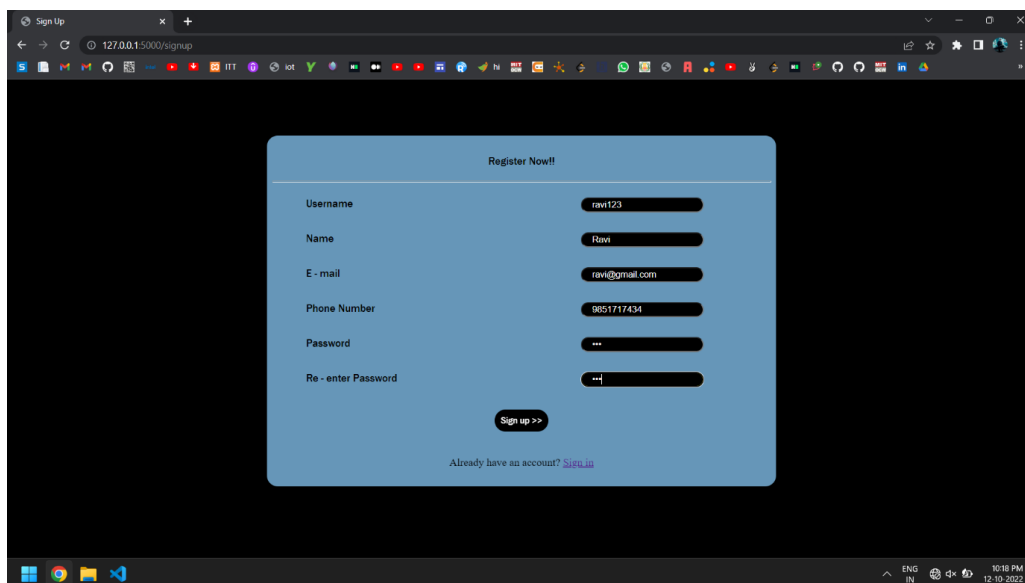
1. Prakash R(TL)
2. Jetson Cyrus J
3. Selva Yogiraam C
4. Mari Saravanan P

Sprint 2:

Completed Tasks:


- Login page
- Sign Up page
- Dashboard page
- Add tickets page

1. Create an UI to interact with Application



2. Connect with IBM DB2

Agent Table:

USERNAME	NAME	EMAIL	PHN	PASSWORD
 <p>You don't have any data currently</p>				

Customer Table:

Result set - Run SQL - IBM Db2 on Cloud - select * from agent - Google Chrome						
about:blank						
Result set 1						
USERNAME	NAME	EMAIL	PHN	PASSWORD	DOMAIN	STATUS
You don't have any data currently						

Code:

App.py:

```
from flask import Flask, render_template, request, redirect, session
import ibm_db
import re

app = Flask(__name__)

# for connection

try:
    app.secret_key = 'a'
```

```

    conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=b70af05b-76e4-4bca-a1f5-
23dbb4c6a74e.clogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32716;SECURIT
Y=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=xyn12614;PWD=oXjOuam0A
0YeLVKq", '', '')
except:
    print("can't connect")

@app.route('/signup', methods=['GET', 'POST'])
def signup():
    global userid
    msg = ''
    if request.method == 'POST':
        username = request.form['username']
        name = request.form['name']
        email = request.form['email']
        phn = request.form['phn']
        password = request.form['pass']
        repass = request.form['repass']
        print("inside checking")
        print(name)
        if len(username) == 0 or len(name) == 0 or len(email) == 0 or len(phn)
== 0 or len(password) == 0 or len(repass) == 0:
            msg = "Form is not filled completely!!"
            print(msg)
            return render_template('signup.html', msg=msg)
        elif password != repass:
            msg = "Password is not matched"
            print(msg)
            return render_template('signup.html', msg=msg)
        elif not re.match(r'[a-z]+', username):
            msg = 'Username can contain only small letters and numbers'
            print(msg)
            return render_template('signup.html', msg=msg)
        elif not re.match(r'^@]+@[^@]+\.[^@]+', email):
            msg = 'Invalid email'
            print(msg)
            return render_template('signup.html', msg=msg)
        elif not re.match(r'[A-Za-z]+', name):
            msg = "Enter valid name"
            print(msg)
            return render_template('signup.html', msg=msg)
        elif not re.match(r'[0-9]+', phn):
            msg = "Enter valid phone number"
            print(msg)
            return render_template('signup.html', msg=msg)

    sql = "select * from users where username = ?"
    stmt = ibm_db.prepare(conn, sql)

```

```

        ibm_db.bind_param(stmt, 1, username)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print(account)
        if account:
            msg = 'Account already exists'
        else:
            insert_sql = "insert into users values(?,?,?,?,?)"
            prep_stmt = ibm_db.prepare(conn, insert_sql)
            ibm_db.bind_param(prepare_stmt, 1, username)
            ibm_db.bind_param(prepare_stmt, 2, name)
            ibm_db.bind_param(prepare_stmt, 3, email)
            ibm_db.bind_param(prepare_stmt, 4, phn)
            ibm_db.bind_param(prepare_stmt, 5, password)
            ibm_db.execute(prepare_stmt)
            print("successs")
            msg = "succesfully signed up"
            return render_template('dashboard.html', msg=msg, name=name)
    else:
        return render_template('signup.html')

```

```

@app.route('/dashboard')
def dashboard():
    return render_template('dashboard.html')

```

```

@app.route('/login', methods=["GET", "POST"])
def login():
    global userid
    msg = ''
    if request.method == 'POST':
        username = request.form['username']
        password = request.form['pass']
        sql = "select * from users where username = ? and password = ?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt, 1, username)
        ibm_db.bind_param(stmt, 2, password)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print(account)
        if account:
            session['Loggedin'] = True
            session['id'] = account['USERNAME']
            userid = account['USERNAME']
            session['username'] = account['USERNAME']
            msg = 'logged in successfully'
            return render_template('dashboard.html', name=account['name'])
        else:

```

```

        msg = 'Incorrect user credentials'
        return render_template('dashboard.html', msg=msg)
    else:
        return render_template('login.html')

@app.route('/admin')
def admin():
    return render_template('admin.html')

@app.route('/about')
def about():
    return render_template('about.html')

@app.route('/privacyterms')
def privacyterms():
    return render_template('privacyterms.html')

if __name__ == "__main__":
    app.run(debug=True)

```

Signup.html:

```

{% extends 'base.html' %}

{% block head %}

    <title>
        Sign Up
    </title>
{% endblock %}

{% block body %}

<div class="forpadding">

    <!-- for box of the signup form -->
    <div class="sign">
        <div>
            <p class="fortitle">
                Register Now!!
            </p>

```

```
</p>
<hr>
<form action="/signup" method="post">
  <div class="forform">
    <div class="textinformleft">
      Username
    </div>
    <div class="textinformright">
      <input type="name" name="username">
    </div>
  </div>
  <div class="forform">
    <div class="textinformleft">
      Name
    </div>
    <div class="textinformright">
      <input type="name" name="name">
    </div>
  </div>
  <div class="forform">
    <div class="textinformleft">
      E - mail
    </div>
    <div class="textinformright">
      <input type="name" name="email">
    </div>
  </div>
  <div class="forform">
    <div class="textinformleft">
      Phone Number
    </div>
    <div class="textinformright">
      <input type="name" name="phn">
    </div>
  </div>
  <div class="forform">
    <div class="textinformleft">
      Password
    </div>
    <div class="textinformright">
      <input type="password" name="pass">
    </div>
  </div>
  <div class="forform">
    <div class="textinformleft">
      Re - enter Password
    </div>
    <div class="textinformright">
```

```

        <input type="password" name="repass">
    </div>
</div>
<br>
<div>
    <button class="forbutton" type="submit"> Sign up
>></button>
    </div>
</form>
<br>
<div>
    {{msg}}
</div>
<br>
<div>
    Already have an account? <a href="/login">Sign in</a>
</div>
<br>

</div>

</div>
</div>

{% endblock %}

```

Login.html:

```

{% extends 'base.html' %}

{% block head %}

    <title>
        Login
    </title>

{% endblock %}

{% block body %}

<div class="forpadding">

    <!-- for box of the signup form -->
    <div class="sign">
        <div>

```

```

        <p class="fortitle">
            Sign In
        </p>
        <hr>
        <form action="/login" method="post">
            <div class="forform">
                <div class="textinformleft">
                    Username
                </div>
                <div class="textinformright">
                    <input type="name" name="username">
                </div>
            </div>

            <div class="forform">
                <div class="textinformleft">
                    Password
                </div>
                <div class="textinformright">
                    <input type="password" name="pass">
                </div>
            </div>

            <br>
            <div>
                <button class="forbutton" type="submit"> Sign In
            >></button>
            </div>
        </form>
        <br>

        <div>
            New user? <a href="/signup">Sign up</a>
        </div>
        <br>
    </div>

</div>
{% endblock %}

```

Dashboard.html:

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



```

                Network Issue
            </td>
            <td>
                Dr.Raj
            </td>
            <td>
                Not Completed
            </td>
            <td>
                <a href="">Click Here >></a>
            </td>
        </tr>
    </tbody>
</table>
<br>
<center>
    <div class="fordashboardtopelements2">
        <a href="/login"><button class="forbutton2">Add new complaint
+ </button></a>
    </div>
</center>
</div>

</div>

{% endblock %}

```

Base.html:

```

<!DOCTYPE html>

<head>

    <link rel="stylesheet" href="static/css/main.css"/>
    {% block head %} {% endblock %}
</head>

<body>
    {% block body %}

    {% endblock %}
</body>

</html>

```

