

## SPRINT 2

Date	5 November
Team ID	PNT2022TMID45939
Project Name	Personal Expense Tracker Application

INPUT:

**app.py**

```
import re
from collections import UserDict

import ibm_db
from flask import (Flask, flash, redirect, render_template, request, session,
                    url_for)

app = Flask(__name__)
app.secret_key = 'a'

conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=ba99a9e6-d59e-4883-8fc0-
d6a8c9f7a08f.clogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=31321;SECURIT
Y=SSL;SSLServerCertificate=Certificate.crt;UID=fqd68289;PWD=Pt7Lr9FUjtzoM73p",
'', '')

#homepage
@app.route("/home")
def home():
    return render_template("homepage.html")
@app.route("/")
def add():
    return render_template("home.html")

#signup or reg
@app.route("/signup")
def signup():
    return render_template("signup.html")
@app.route('/register', methods = ['GET', 'POST'])
def register():
    global userid
    msg = ''
    if request.method == 'POST' :
        username = request.form['username']
        email = request.form['email']
```

```

password = request.form['password']
sql="SELECT * FROM data 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)
if account:
    msg = 'Account already exists !'
elif not re.match(r'^@+@[^@]+\.[^@]+', email):
    msg = 'Invalid email address !'
elif not re.match(r'[A-Za-z0-9]+', username):
    msg = 'name must contain only characters and numbers !'
else:
    insert_sql = "INSERT INTO Data VALUES (?, ?, ?)"
    stmt = ibm_db.prepare(conn,insert_sql)
    ibm_db.bind_param(stmt, 1, username)
    ibm_db.bind_param(stmt, 2, email)
    ibm_db.bind_param(stmt, 3, password)
    ibm_db.execute(stmt)
    msg = 'You have successfully registered !'
return render_template('signup.html', msg = msg)

#login
@app.route("/signin")
def signin():
    return render_template("login.html")
@app.route('/login',methods =['GET', 'POST'])
def login():
    global userid
    msg = ''
    if request.method == 'POST' :
        username = request.form['username']
        password = request.form['password']
        stmt = ibm_db.prepare(conn,'SELECT * FROM Data WHERE username= ?AND
password = ?')
        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']=account['USERNAME']
            return redirect('/home')
        else:

```

```

        msg = 'Incorrect username / password !'
        return render_template('login.html', msg = msg)

#add

@app.route("/add")
def adding():
    return render_template('add.html')
@app.route('/addexpense',methods=['GET', 'POST'])
def addexpense():
    if request.method == 'POST':
        date = request.form['date']
        expensename = request.form['expensename']
        amount = request.form['amount']
        paymode = request.form['paymode']
        category = request.form['category']
        insert_sql ="INSERT INTO expenses VALUES (?, ?, ?, ?, ?, ?)"
        stmt = ibm_db.prepare(conn,insert_sql)
        ibm_db.bind_param(stmt, 1, userid)
        ibm_db.bind_param(stmt, 2, date)
        ibm_db.bind_param(stmt, 3, expensename)
        ibm_db.bind_param(stmt, 4, amount)
        ibm_db.bind_param(stmt, 5, paymode)
        ibm_db.bind_param(stmt, 6, category)
        ibm_db.execute(stmt)
        session['loggedin']=True
        print(date + " " + expensename + " " + amount + " " + paymode + " " +
category)

        return redirect('/display')

```

## homepage.html

```

{% extends 'base.html' %}

{% block body %}
<style>

    H1 {
        position: relative;
        right: -790PX;

```

```

        top: -400PX;
        color: RED;

    }

p{
position: relative;
right: -800px;
top: -350px;
font-family:monospace;
}

span{
    position: relative;
right: -800px;
top: -360px;
}

.ccc {
    position: relative;
    top:80px;
    left:-100px;

}

</style>
<div id=aa class="container">
<div class="ccc">
    
    <h1>LET START JOURNEY</h1>
    <P>My Personal expense tracker <br> web application helps<br> you to
maintain budget<br>
        and analyse the expense</P>
    </div>

{% endblock %}

```

home.html

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">

```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<style>
@import 'https://fonts.googleapis.com/css?family=Montserrat:300,
400,700&display=swap';
* {
padding: 0;
margin: 0;
box-sizing: border-box;
}
html {
font-size: 10px;
font-family: 'Montserrat', sans-serif; scroll-behavior: smooth;
}
a {
text-decoration: none;
}
.container {
min-height: 100vh; width: 100%; display: flex;
align-items: center; justify-content: center;
}
img {
height: 100%;
width: 100%; object-fit: cover;
}
p {
color: black;
font-size: 1.4rem; margin-top: 5px; line-height: 2.5rem; font-weight: 300;
letter-spacing: 0.05rem;
}
.section-title { font-size: 4rem;
font-weight: 300; color: black;
margin-bottom: 10px;
text-transform: uppercase; letter-spacing: 0.2rem; text-align: center;
}
.section-title span { color: rgb(170, 43, 69);
}
.cta {
display: inline-block; padding: 10px 30px; color: white;
background-color: transparent;
border: 2px solid rgb(196, 36, 68); font-size: 2rem;
text-transform: uppercase; letter-spacing: 0.1rem; margin-top: 30px;
transition: 0.3s
ease;
transition-property: background-color, color;
}
.cta:hover { color: white;
background-color: rgb(161, 45, 68);
}
```

```
.brand h1 {
font-size: 3rem;
text-transform: uppercase; color: white;
}
.brand h1 span { color: crimson;
}
/* Header section */ #header {
position: fixed; z-index: 1000;
left: 0;
top: 0;
width: 100vw; height: auto;
}
#header .header { min-height: 8vh;
background-color: rgba(191, 21, 224, 0.24); transition: 0.3s ease background-
color;
}
#header .nav-bar { display: flex;
align-items: center;
justify-content: space-between;
width: 100%;
height: 100%;
max-width: 1300px; padding: 0 10px;
}
#header .nav-list ul { list-style: none; position: absolute;
background-color: rgb(128, 68, 196); width: 100vw;
height: 100vh; left: 100%;
top: 0; display: flex;
flex-direction: column; justify-content: center; align-items: center;
z-index: 1; overflow-x: hidden;
transition: 0.5s ease left;
}
#header .nav-list ul.active { left: 0%;
}
#header .nav-list ul a { font-size: 2.5rem; font-weight: 500;
letter-spacing: 0.2rem; text-decoration: none; color: white;
text-transform: uppercase; padding: 20px;
display: block;
}
#header .nav-list ul a::after { content: attr(data-after); position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%, -50%) scale(0);
color: rgba(240, 248, 255, 0.021); font-size: 13rem;
letter-spacing: 50px; z-index: -1;
transition: 0.3s ease letter-spacing;
}
#header .nav-list ul li:hover a::after { transform: translate(-50%, -50%)
scale(1); letter-spacing: initial;
```

```

}
#header .nav-list ul li:hover a { color: rgb(170, 47, 72);
}
#header .hamburger { height: 60px;
width: 60px; display: inline-block;
border: 3px solid white; border-radius: 50%; position: relative; display:
flex;
align-items: center; justify-content: center; z-index: 100;
cursor: pointer; transform: scale(0.8); margin-right: 20px;
}
#header .hamburger:after { position: absolute; content: '';
height: 100%;
width: 100%;
border-radius: 50%; border: 3px solid white;
animation: hamburger_puls 1s ease infinite;
}
#header .hamburger .bar { height: 2px;
width: 30px; position: relative;
background-color: white; z-index: -1;
}
#header .hamburger .bar::after, #header .hamburger .bar::before { content: '';
position: absolute; height: 100%;
width: 100%;
left: 0;
background-color: white; transition: 0.3s ease;
transition-property: top, bottom;
}
#header .hamburger .bar::after { top: 8px;
}
#header .hamburger .bar::before { bottom: 8px;
}
#header .hamburger.active .bar::before { bottom: 0;
}
#header .hamburger.active .bar::after { top: 0;
}
/* End Header section */
/* Hero Section */ #hero {
background-image: url( "{{ url_for('static',filename='hero-bg.png') }}" );
background-size: cover;
background-position: top center; position: relative;
z-index: 1;
}
#hero::after { content: ''; position: absolute; left: 0;
top: 0;
height: 100%;
width: 100%; background-color: black; opacity: 0.7;
z-index: -1;
}

```

```
#hero .hero {
max-width: 1200px; margin: 0 auto;
padding: 0 50px;
justify-content: flex-start;
}
#hero h1 { display: block; width: fit-content; font-size: 4rem; position:
relative;
color: transparent;
animation: text_reveal 0.5s ease forwards; animation-delay: 1s;
}
#hero h1:nth-child(1) { animation-delay: 1s;
}
#hero h1:nth-child(2) { animation-delay: 2s;
}
#hero h1:nth-child(3) {
animation: text_reveal_name 0.5s ease forwards; animation-delay: 3s;
}
#hero h1 span {
position: absolute; top: 0;
left: 0;
height: 100%;
width: 0;
background-color: rgb(173, 47, 73); animation: text_reveal_box 1s ease;
animation-delay:
0.5s;
}
#hero h1:nth-child(1) span { animation-delay: 0.5s;
}
#hero h1:nth-child(2) span { animation-delay: 1.5s;
}
#hero h1:nth-child(3) span { animation-delay: 2.5s;
}
/* End Hero Section */
/* Services Section */ #services .services { flex-direction: column; text-
align: center;
max-width: 1500px; margin: 0 auto;
padding: 100px 0;
}
#services .service-top { max-width: 500px; margin: 0 auto;
}
#services .service-bottom { display: flex;
align-items: center; justify-content: center; flex-wrap: wrap; margin-top:
50px;
}
#services .service-item { flex-basis: 80%; display: flex;
align-items: flex-start; justify-content: center; flex-direction: column;
padding: 30px;
border-radius: 10px;
```



```

background-image: url( "{{ url_for('static',filename='img-1.png') }}" );
background-size:
cover;
margin: 10px 5%; position: relative; z-index: 1; overflow: hidden;
}
#services .service-item::after { content: '';
position: absolute; left: 0;
top: 0;
height: 100%;
width: 100%;
background-image: linear-gradient(60deg, #4766ce 0%, #1778df 100%);
opacity: 0.9;
z-index: -1;
}
#services .service-bottom .icon { height: 80px;
width: 80px;
margin-bottom: 20px;
}
#services .service-item h2 { font-size: 2rem;
color: white;
margin-bottom: 10px;
text-transform: uppercase;
}
#services .service-item p {
color: white; text-align: left;
}
/* End Services Section */
/* Projects section */ #projects .projects { flex-direction: column; max-
width: 1200px;
margin: 0 auto;
padding: 100px 0;
}
#projects .projects-header h1 { margin-bottom: 50px;
}
#projects .all-projects { display: flex;
align-items: center; justify-content: center; flex-direction: column;
}
#projects .project-item { display: flex;
align-items: center; justify-content: center; flex-direction: column; width:
80%;
margin: 20px auto; overflow: hidden; border-radius: 10px;
}
#projects .project-info { padding: 30px;
flex-basis: 50%;
height: 100%; display: flex;
align-items: flex-start; justify-content: center; flex-direction: column;
background-image: linear-gradient(60deg, #29323c 0%, #4773a1 100%); color:
rgba(226, 198, 198, 0.87);

```

```

}
#projects .project-info h1 { font-size: 4rem;
font-weight: 500;
}
#projects .project-info h2 { font-size: 1.8rem;
font-weight: 500; margin-top: 10px;
}
#projects .project-info p { color: rgb(236, 158, 158);
}
#projects .project-img { flex-basis: 50%; height: 300px; overflow: hidden;
position:
relative;
}
#projects .project-img:after { content: '';
position: absolute; left: 0;
top: 0;
height: 100%;
width: 100%;
background-image: linear-gradient(60deg, #29323c 0%, #3070b4 100%);
opacity: 0.7;
}
#projects .project-img img { transition: 0.3s ease transform;
}
#projects .project-item:hover .project-img img { transform: scale(1.1);
}
/* End Projects section */
/* About Section */ #about .about {
flex-direction: column-reverse; text-align: center;
max-width: 1200px; margin: 0 auto; padding: 100px 20px;
}
#about .col-left { width: 250px; height: 360px;
}
#about .col-right { width: 100%;
}
#about .col-right h2 { font-size: 1.8rem; font-weight: 500;
letter-spacing: 0.2rem; margin-bottom: 10px;
}
#about .col-right p { margin-bottom: 20px;
}
#about .col-right .cta { color: black;
margin-bottom: 50px; padding: 10px 20px; font-size: 2rem;
}
#about .col-left .about-img { height: 100%;
width: 100%; position: relative;
border: 10px solid white;
}
#about .col-left .about-img::after { content: '';
position: absolute; left: -33px;

```

```

top: 19px; height: 98%;
width: 98%;
border: 7px solid rgb(173, 53, 77); z-index: -1;
}
/* End About Section */
/* contact Section */ #contact .contact {
flex-direction: column; max-width: 1200px; margin: 0 auto;
width: 90%;
}
#contact .contact-items {
/* max-width: 400px; */ width: 100%;
}
#contact .contact-item { width: 80%;
padding: 20px; text-align: center;
border-radius: 10px; padding: 30px; margin: 30px; display: flex;
justify-content: center; align-items: center; flex-direction: column;
box-shadow: 0px 0px 18px 0 #0000002c; transition: 0.3s ease box-shadow;
}
#contact .contact-item:hover {
box-shadow: 0px 0px 5px 0 #0000002c;
}
#contact .icon { width: 70px; margin: 0 auto;
margin-bottom: 10px;
}
#contact .contact-info h1 { font-size: 2.5rem;
font-weight: 500; margin-bottom: 5px;
}
#contact .contact-info h2 { font-size: 1.3rem;
line-height: 2rem; font-weight: 500;
}
/*End contact Section */
/* Footer */ #footer {
background-image: linear-gradient(60deg, #29323c 0%, #4c85c2 100%);
}
#footer .footer {
min-height: 200px; flex-direction: column; padding-top: 50px; padding-bottom:
10px;
}
#footer h2 { color: white;
font-weight: 500; font-size: 1.8rem;
letter-spacing: 0.1rem; margin-top: 10px; margin-bottom: 10px;
}
#footer .social-icon { display: flex;
margin-bottom: 30px;
}
#footer .social-item { height: 50px; width: 50px; margin: 0 5px;
}
#footer .social-item img { filter: grayscale(1); transition: 0.3s ease filter;

```

```

}
#footer .social-item:hover img { filter: grayscale(0);
}
#footer p { color: white;
font-size: 1.3rem;
}
/* End Footer */
/* Keyframes */
@keyframes hamburger_puls { 0% {
opacity: 1; transform: scale(1);
}
100% {
opacity: 0;
transform: scale(1.4);
}
}
@keyframes text_reveal_box { 50% {
width: 100%;
left: 0;
}
100% {
width: 0;
left: 100%;
}
}
@keyframes text_reveal { 100% {
color: white;
}
}
@keyframes text_reveal_name { 100% {
color: rgb(194, 45, 75); font-weight: 500;
}
}
/* End Keyframes */
/* Media Query For Tablet */
@media only screen and (min-width: 768px) {
.cta {
font-size: 2.5rem; padding: 20px 60px;
}
h1.section-title { font-size: 6rem;
}
/* Hero */ #hero h1 {
font-size: 7rem;
}
/* End Hero */
/* Services Section */
#services .service-bottom .service-item { flex-basis: 45%;
margin: 2.5%;

```

```

}
/* End Services Section */
/* Project */
#projects .project-item { flex-direction: row;
}
#projects .project-item:nth-child(even) { flex-direction: row-reverse;
}
#projects .project-item { height: 400px; margin: 0;
width: 100%;
border-radius: 0;
}
#projects .all-projects .project-info { height: 100%;
}
#projects .all-projects .project-img { height: 100%;
}
/* End Project */
/* About */ #about .about {
flex-direction: row;
}
#about .col-left { width: 600px; height: 400px; padding-left: 60px;
}
#about .about .col-left .about-img::after { left: -45px;
top: 34px; height: 98%;
width: 98%;
border: 10px solid rgb(224, 6, 50);
}
#about .col-right { text-align: left; padding: 30px;
}
#about .col-right h1 { text-align: left;
}
/* End About */
/* contact */ #contact .contact {
flex-direction: column; padding: 100px 0; align-items: center; justify-
content: center;
min-width: 20vh;
}
#contact .contact-items { width: 100%;
display: flex;
flex-direction: row;
justify-content: space-evenly; margin: 0;
}
#contact .contact-item { width: 30%;
margin: 0;
flex-direction: row;
}
#contact .contact-item .icon { height: 100px;
width: 100px;
}

```

```

#contact .contact-item .icon img { object-fit: contain;
}
#contact .contact-item .contact-info { width: 100%;
text-align: left; padding-left: 20px;
}
/* End contact */
}
/* End Media Query For Tablet */
/* Media Query For Desktop */
@media only screen and (min-width: 1200px) {
/* header */
#header .hamburger { display: none;
}
#header .nav-list ul { position: initial; display: block; height: auto;
width: fit-content;
background-color: transparent;
}
#header .nav-list ul li { display: inline-block;
}
#header .nav-list ul li a { font-size: 1.8rem;
}
#header .nav-list ul a:after { display: none;
}
/* End header */
#services .service-bottom .service-item { flex-basis: 22%;
margin: 1.5%;
}
}
</style>
<title>My Website</title>
</head>
<body>
  <!-- Header -->
  <section id="header">
    <div class="header container">
      <div class="nav-bar">
        <div class="brand">
          <a href="#hero">
            <h1><span>L</span>e<span>t</span>'s begin!</h1>
          </a>
        </div>
        <div class="nav-list">
          <div class="hamburger">
            <div class="bar"></div>
          </div>
          <ul>
            <li><a href="#hero" data-after="Home">Home</a></li>
            <li><a href="#services" data-after="Service">Services</a></li>

```

```

        <li><a href="#about" data-after="About">About</a></li>
        <li><a href="#contact" data-after="Contact">Contact</a></li>
        <LI><a href="/signin" data-after="Login">-Login-</a></LI>
    </ul>
</div>
</div>
</div>
</section>
<!-- End Header -->

<!-- Hero Section -->
<section id="hero">
    <div class="hero container">
        <div>
            <h1>Hello, <span></span></h1>
            <h1>Welcome To <span></span></h1>
            <h1>Expense Tracker Web application <span></span></h1>
            <a href="/signup" type="button" class="cta">Sign-up</a>
        </div>
    </div>
</section>
<!-- End Hero Section -->

<!-- Service Section -->
<section id="services">
    <div class="services container">
        <div class="service-top">
            <h1 class="section-title">Serv<span>i</span>ces</h1>
            <p>MyBudget provides a many services to the customer and
industries. Financial solutions to meet your needs whatever your money
goals,there is a MyBudget solution to help you reach them </p>
        </div>
        <div class="service-bottom">
            <div class="service-item">
                <div class="icon"></div>
                <h2>Personal Expenses</h2>
                <p>Budgeting is more than paying bills and setting aside
savings.it's about creating a money plan for the life you want</p>
            </div>
            <div class="service-item">
                <div class="icon"></div>
                <h2>Investments</h2>
                <p>Follow your investments and bring your portfolio into focus
with support for stocks,bonds,CDs,mutual funds and more</p>
            </div>
        </div>
    </div>
</section>

```

```

        </div>
        <div class="service-item">
            <div class="icon"></div>
            <h2>Online Banking</h2>
            <p>MyBudget application can automatically download transactions
and send payments online from many financial institutions</p>
        </div>
        <div class="service-item">
            <div class="icon"></div>
            <h2>Financial Life</h2>
            <p>Get your Complete financial picture at a glance. With MyBudget
application you can view your all the financial activities
            </p>
        </div>
    </div>
</section>
<!-- End Service Section -->

<!-- End About Section -->

<!-- Contact Section -->
<section id="contact">
    <div class="contact container">
        <div>
            <h1 class="section-title">Contact <span>info</span></h1>
        </div>
        <div class="contact-items">
            <div class="contact-item">
                <div class="icon"></div>
                <div class="contact-info">
                    <h1>Phone</h1>
                    <h2>91+9568568965</h2>
                    <h2>91+9685985698</h2>
                </div>
            </div>
            <div class="contact-item">
                <div class="icon"></div>
                <div class="contact-info">
                    <h1>Email</h1>
                    <h2>sri@gmail.com</h2>
                    <h2>devi@gmail.com</h2>
                </div>
            </div>
        </div>
    </div>

```



```

        </div>
        <div class="contact-item">
            <div class="icon"></div>
            <div class="contact-info">
                <h1>Address</h1>
                <h2>4th main-road,Trichy,Tamilnadu,India</h2>
            </div>
        </div>
    </div>
</section>
<!-- End Contact Section -->

<!-- Footer -->
<section id="footer">
    <div class="footer container">
        <div class="brand">
            <h1><span>M</span>y <span>B</span>udget</h1>
        </div>
        <h2>Your Complete Financial Solution</h2>
        <div class="social-icon">
            <div class="social-item">
                <a href="#"></a>
            </div>
            <div class="social-item">
                <a href="#"></a>
            </div>
            <div class="social-item">
                <a href="#"></a>
            </div>
            <div class="social-item">
                <a href="#"></a>
            </div>
        </div>
        <p>Copyright © 2022 Sridevi. All rights reserved</p>
    </div>
</section>
<!-- End Footer -->
<script src="..\static\js\home.js"></script>
</body>

</html>

```

## home.js

```
const hamburger = document.querySelector('.header .nav-bar .nav-list
.hamburger');
const mobile_menu = document.querySelector('.header .nav-bar .nav-list ul');
const menu_item = document.querySelectorAll('.header .nav-bar .nav-list ul li
a');
const header = document.querySelector('.header.container');

hamburger.addEventListener('click', () => {
  hamburger.classList.toggle('active');
  mobile_menu.classList.toggle('active');
});

document.addEventListener('scroll', () => {
  var scroll_position = window.scrollY;
  if (scroll_position > 250) {
    header.style.backgroundColor = '#29323c';
  } else {
    header.style.backgroundColor = 'transparent';
  }
});

menu_item.forEach((item) => {
  item.addEventListener('click', () => {
    hamburger.classList.toggle('active');
    mobile_menu.classList.toggle('active');
  });
});
```

## signup.html

```
<html>
<head>
<meta charset="utf-8">
<style>
@charset "utf-8";
body{
  background-color:#eef1f8;
  margin:0px;
  padding:0px;
}
a{
  text-decoration:none;
```

```

}
.container{
width:100%;
height:100%;
background-color:#FFFFFF;
position: absolute;
left:50%;
top:49%;
transform:translate(-50%,-50%);
box-shadow:2px 2px 30px rgba(66,57,238,0.2);
border-radius:20px;
display:flex;
justify-content: center;
align-items:center;
background-image: url('../images/bg.gif');
background-repeat:no-repeat;
background-size:cover;
}
.sign-up{
position: relative;
left: -250px;
width:50%;
display:flex;
flex-direction:column;
align-items: center;
}
.text-container{
position: relative;
top:-100px; padding-bottom:-50px;
width:50%;
height:100%;
display:flex;
flex-direction:column;
justify-content: center;
align-items: center;
margin-left:700px;
margin-bottom:-10px;
top:-40px
}
.heading{
font-family:calibri;
color:rgba(30,30,30,1);
position: relative;
left:80px ;
}
.text{

```

```
width:350px;
height:50px;
box-shadow:2px 6px 18px rgba(66,57,238,0.3);
border-radius: 30px;
display:flex;
align-items:center;
margin:10px;
}
.text input{
height:40px;
width:80%;
outline:none;
border:none;
font-size:14px;
margin:5px;
}
.text img{
margin-left:20px;
}
.conditions{
font-family:myriad pro;
color:#bbc1cb;
font-size:14px;
}
.trems{
top:20px ;
position: relative;
left:37px ;

display: flex;
align-items:center;
}
.conditions a{
color:#7d22e3;
font-weight:500;
}
button{
width:200px;
height:40px;
outline:none;
border:none;
border-radius:20px;
background:linear-gradient(-30deg,#3b02ed,#8e2ae0 55%);
box-shadow:2px 6px 16px rgba(66,57,238,0.3);
color:#FFFFFF;
font-weight:600;
letter-spacing:1px;
font-weight: 13px;
```

```
}
button:active{
  transform:scale(1.1);
}
.text-container p{
  width:70%;
  text-align: center;
  font-family:arial;
  font-size: 15px;
  font-weight: 400;
  line-height:0px;
}
ul {
  position:relative;
  top:40px;
  left:25%;
  right:100px;
  transform: translate(-50%, -50%);
  margin: 75px;
  padding:0;
  display:flex;
  flex:auto;
}

ul li {
  list-style: none;
}

ul li a {
  position: relative;
  width:60px;
  height:60px;
  display:block;
  text-align:center;
  margin:0 10px;
  border-radius: 50%;
  padding: 6px;
  box-sizing: border-box;
  text-decoration:none;
  box-shadow: 0 10px 15px rgba(0,0,0,0.3);
  background: linear-gradient(0deg, #ddd, #fff);
  transition: .5s;
}

ul li a:hover {
  box-shadow: 0 2px 5px rgba(0,0,0,0.3);
  text-decoration:none;
}
```

```
ul li a .fab {
  width: 100%;
  height: 100%;
  display: block;
  background: linear-gradient(0deg, #fff, #ddd);
  border-radius: 50%;
  line-height: calc(60px - 12px);
  font-size: 24px;
  color: #262626;
  transition: .5s;
}

ul li:nth-child(1) a:hover .fab {
  color: #3b5998;
}

ul li:nth-child(2) a:hover .fab {
  color: #00aced;
}

ul li:nth-child(3) a:hover .fab {
  color: #dd4b39;
}

ul li:nth-child(4) a:hover .fab {
  color: #007bb6;
}

ul li:nth-child(5) a:hover .fab {
  color: #e4405f;
}

.toop{
  position: relative;
  top: 20px;
  left: 75px;
}

.check{
  position: relative;
  top: -8px;
  left: -5px;
}

.para{
  position: relative;
  top: 0px;
  left: -40px;
}
```

```

    .diag{
        position: relative;

        top:0px;
        margin: 0px;
        padding: 0px;
        left:-10px;
    }
    .fig1{
        position: relative;
        size:200%;
    }
    #png{
        position: relative;
        left: -270px;
        top: -45px;

    }
    .or{
        position: relative;
        left:180px;
    }
    .s1{
        position: relative;
        left: 140px;
    }
    .t{
        position: relative;
        left:-70px ;
        top:10px;
    }
</style>
<title>signup</title>

</head>
<body>
    <!--container----->
<div class="container" >
    <!--sign-up-box-container--->
    <div class="sign-up">

        <div id="png"><a href="/" title="HOME"></a></div>

        <!--heading-->
        <form action="/register" method="post">
            <div class="msg">{{ msg }}</div>
            <h1 class="heading">Hello,Friend</h1>

```

```

    <!--name-box-->
    <div class="text">
      
      <input placeholder="Name" type="text" name="username"/>
    </div>
    <!--Email-box-->
    <div class="text">
      
      <input placeholder=" Example@gmail.com" type="email" name="email"/>
    </div>
    <!--Password-box-->
    <div class="text">
      
      <input placeholder=" Password" type="password" name="password"/>
    </div>

    <div class="trem">
      <input class="check" type="checkbox" required/>
      <p class="conditions">I read and agree to <a href="#">Terms &
Conditions</a></p>
    </div>
    <!--button-->
    <div class="toop">
      <button type="submit" class="btn btn-primary">CREATE ACCOUNT</button>
    </div>

  </form>
  <!--sign-in-->
  <div class="t"><p class="conditions" id="p3">Already have an account <a
href="/signin">Sign in</a></p> </div></div>
  </div>
  <!--text-container-->
  <div class="text-container">

    <h1 style="color: #2d2c2c;font-family:cursive;">Glad to see you</h1>

    <div class="diag"></div>
    <div class="para"> <b>Welcome</b>,<b>Please Fill in the blanks for sign
up</b></div>

  </div>
</div>

```



```
</body>
</html>
```

## login.html

```
<!DOCTYPE html>
<html>
<head>
<title>Animated Login Form</title>
<style>
* {
padding: 0;
margin: 0;
box-sizing: border-box;
}
body {
font-family: 'Poppins', sans-serif;
overflow: hidden;
}
.wave {
position: fixed; bottom: 0;
left: 0;
height: 100%;
z-index: -1;
}
.container {
width: 100vw;
height: 100vh;
display: grid;
grid-template-columns: repeat(2, 1fr);
grid-gap: 7rem;
padding: 0 2rem;
}
.img {
display: flex;
justify-content: flex-end;
align-items: center;
}
.login-content {
display: flex;
justify-content: flex-start;
align-items: center;
text-align: center;
}
.img img {
width: 500px;
}
form {
```

```
width: 360px;
}
.login-content img {
height: 100px;
}
.login-content h2 {
margin: 15px 0;
color: #333;
text-transform: uppercase;
font-size: 2.9rem;
}
.login-content .input-div {
position: relative;
display: grid;
grid-template-columns: 7% 93%;
margin: 25px 0;
padding: 5px 0;
border-bottom: 2px solid #d9d9d9;
}
.login-content .input-div.one {
margin-top: 0;
}
.i {
color: #d9d9d9;
display: flex;
justify-content: center;
align-items: center;
}
.i i {
transition: .3s;
}
.input-div>div {
position: relative;
height: 45px;
}
.input-div>div>h5 {
position: absolute;
left: 10px;
top: 50%;
transform: translateY(-50%);
color: rgb(153, 153, 153);
font-size: 18px;
transition: .3s;
}
.input-div:before,
.input-div:after {
content: '';
position: absolute;
```

```
bottom: -2px;
width: 0%;
height: 2px;
background-color: #38d39f;
transition: .4s;
}
.input-div:before {
right: 50%;
}
.input-div:after {
left: 50%;
}
.input-div.focus:before,
.input-div.focus:after {
width: 50%;
}
.input-div.focus>div>h5 {
top: -5px;
font-size: 15px;
}
.input-div.focus>.i>i {
color: #3895d3;
}
.input-div>div>input {
position: absolute;
left: 0;
top: 0;
width: 100%;
height: 100%;
border: none;
outline: none;
background: none;
padding: 0.5rem0.7rem;
font-size: 1.2rem;
color: #555;
font-family: 'poppins', sans-serif;
}
.input-div.pass {
margin-bottom: 4px;
}
a {
display: block;
text-align: right;
text-decoration: none;
color: #999;
font-size: 0.9rem;
transition: .3s;
}
```

```
a:hover {
color: #38d39f;
}

.btn {
display: block;
width: 100%;
height: 50px;
border-radius: 25px;
outline: none;
border: none;
background-image: linear-gradient(to right, #32be8f, #32be8f,#32be8f);
background-size: 200%;
font-size: 1.2rem;
color: #fff;
font-family: 'Poppins', sans-serif;
text-transform: uppercase;
margin: 1rem 0;
cursor: pointer;
transition: .5s;
}

.btn:hover {
background-position: right;
}

@media screen and (max-width: 1050px) {
.container {
grid-gap: 5rem;
}
}

@media screen and (max-width: 1000px) {
form {
width: 290px;
}

.login-content h2 {
font-size: 2.4rem;
margin: 8px 0;
}

.img img {
width: 400px;
}
}

@media screen and (max-width: 900px) {
.container {
grid-template-columns: 1fr;
}

.img {
display: none;
}

.wave {
```

```
display: none;
}
.login-content {
justify-content: center;
}
}
.container {
overflow: scroll
}
.container::-webkit-scrollbar {
display: none;
}
ul {
position: relative;
top: -20px;
left: 0%;
right: 10%;
transform: translate(-50%, -50%);
margin: 75px;
padding: 0;
display: flex;
flex: auto;
}
ul li {
list-style: none;
}
ul li a {
position: relative;
width: 60px;
height: 60px;
display: block;
text-align: center;
margin: 0 10px;
border-radius: 50%;
padding: 6px;
box-sizing: border-box;
text-decoration: none;
box-shadow: 0 10px 15px rgba(0, 0, 0, 0.3);
background: linear-gradient(0deg, #ddd, #fff);
transition: .5s;
}
ul li a:hover {
box-shadow: 0 2px 5px rgba(0, 0, 0, 0.3);
text-decoration: none;
}
ul li a .fab {
width: 100%;
height: 100%;
```

```

display: block;
background: linear-gradient(0deg, #fff, #ddd);
border-radius: 50%;
line-height: calc(60px - 12px);
font-size: 24px;
color: #262626;
transition: .5s;
}
ul li:nth-child(1) a:hover .fab { color: #3b5998;
}
ul li:nth-child(2) a:hover .fab { color: #00aced;
}
ul li:nth-child(3) a:hover .fab { color: #dd4b39;
}
ul li:nth-child(4) a:hover .fab { color: #007bb6;
}
ul li:nth-child(5) a:hover .fab { color: #e4405f;
}
.app {
position: relative;
top: -70px;
height: 5%;
}
#app1 {
font-style: oblique;
color: blue;
}
#png {
position: relative;
top: -300px;
right: 50px;
}
</style>
<link href="https://fonts.googleapis.com/css?family=Poppins:600&display=swap"
rel="stylesheet">
<script src="https://kit.fontawesome.com/a81368914c.js"></script>
<meta name="viewport" content="width=device-width, initial-scale=1">
</head>
<body>
    
    <div class="container">

        <div class="img">
            <div id="png"><a href="/" title="HOME"></a></div>

```

```

        
    </div>

    <div class="login-content">

        <form action="/login" method="POST">
            <div class="msg">{{ msg }}</div>
            
            <h2 class="title">Welcome</h2>
            <div class="input-div one">
                <div class="i">
                    <i class="fas fa-user"></i>
                </div>
                <div class="div">
                    <h5>Username</h5>
                    <input type="text" name="username" class="input"
required>
                </div>
            </div>
            <div class="input-div pass">
                <div class="i">
                    <i class="fas fa-lock"></i>
                </div>
                <div class="div">
                    <h5>Password</h5>
                    <input type="password" name="password" class="input"
required>
                </div>
            </div>
            <a href="#">Forgot Password?</a>
            <input type="submit" class="btn" value="Login">
            <span>OR</span>

            <div><b>Login with</b></div>
            <div>
                <ul>
                    <li><a href="#"><i class="fab fa-facebook" aria-
hidden="true"></i></a></li>
                    <li><a href="#"><i class="fab fa-twitter" aria-
hidden="true"></i></a></li>
                    <li><a href="#"><i class="fab fa-google" aria-
hidden="true"></i></a></li>
                    <li><a href="#"><i class="fab fa-linkedin" aria-
hidden="true"></i></a></li>

```

```

        <li><a href="#"><i class="fab fa-instagram" aria-
hidden="true"></i></a></li>
    </ul>

    </div>
    <div class="app" ><b>Don't have an account?</b><a id="app1"
href="\signup">REGISTER.here</a></div>
    </form>

</div>

</div>

<script type="text/javascript" src="..\static\js\login.js"></script>
</body>
</html>

```

#### login.js

```

const inputs = document.querySelectorAll(".input");

function addcl(){
    let parent = this.parentNode.parentNode;
    parent.classList.add("focus");
}

function remcl(){
    let parent = this.parentNode.parentNode;
    if(this.value == ""){
        parent.classList.remove("focus");
    }
}

inputs.forEach(input => {
    input.addEventListener("focus", addcl);
    input.addEventListener("blur", remcl);
});

```

#### base.html

```

<!DOCTYPE html>
<html lang="en">
<head>

```



```

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkGIXeMed4M0jlfiDPvg6uqKI2xXr2"
crossorigin="anonymous">
    <script
src="https://cdn.jsdelivr.net/npm/chart.js@3.2.1/dist/chart.min.js"></script>
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
integrity="sha384-
Dfxdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>

<script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"
integrity="sha384-
9/reFTGAw83EW2RDu2S0VKaIzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN"
crossorigin="anonymous"></script>

<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"
integrity="sha384-
B4gt1jrGC7Jh4AgTPSdUtOBvf08shuf57BaghqFfPLYxoFvL8/KUEfYiJOMMV+rV"
crossorigin="anonymous"></script>

<link rel="stylesheet"
href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
integrity="sha384-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
crossorigin="anonymous"/>

    <title>Document</title>
</head>
<body>
    <nav class="navbar sticky-top navbar-expand-lg navbar-light"
style="background-color: #f876d1;">
        <a class="navbar-brand" href="#">MyBudget</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto">
                <li class="nav-item active">
                    <a class="nav-link" href="/home">Home <span class="sr-
only">(current)</span></a>
                </li>

```

```

<li class="nav-item">
  <a class="nav-link" href="/add">Add</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="/display">History</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="/limit">LIMIT</a>
</li>
<li class="nav-item dropdown">
  <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown"
role="button" data-toggle="dropdown" aria-haspopup="true" aria-
expanded="false">
    Report
  </a>
  <div class="dropdown-menu" aria-labelledby="navbarDropdown">
    <a class="dropdown-item" href="/today">TODAY</a>
    <a class="dropdown-item" href="/month">Month</a>

    <a class="dropdown-item" href="/year">Year</a>
  </div>
</li>
</ul>
<div class="form-inline my-5 my-lg-1" style="position: absolute; left:
1250px;">
  <ul class="navbar-nav mr-auto " > <li class="nav-item dropdown btn-
group open">
    <a class="btn btn-primary" href="#"><i class="fa fa-user fa-
fw"></i>User </a>
    <a class="btn btn-primary dropdown-toggle "href="#"
id="navbarDropdown" data-toggle="dropdown" aria-haspopup="true" aria-
expanded="false">

    </a>

    <div class="dropdown-menu" aria-labelledby="navbarDropdown">
      <a class="dropdown-item" href="#">Profile</a>
      <a class="dropdown-item" href="#">Settings</a>
      <a class="dropdown-item" href="#">Contact-Us</a>
      <div class="dropdown-divider"></div>
      <a class="dropdown-item" style="color: darkred;"
href="/logout">Log-Out <i class="fa fa-sign-out" aria-hidden="true"></i></a>
    </div>
  </li>

  <div ">
</ul>

```

```

        </div>

    </div>
</nav>
{% block body %}
{% endblock %}

</body>
</html>

```

## add.html

```

{% extends 'base.html' %}

{% block body %}

<div class="container">
    <div class="row">
        <div class="col-md-6">
            <h3>Add Expense</h3>
            <form action="/addexpense" method="POST">

                <div class="form-group">
                    <label for="">Date</label>
                    <input class="form-control" type="date-local" name="date"
id="date"></div>

                <div class="form-group"> <label for="">Expense name</label>
                    <input class="form-control" type="text" name="expensename"
id="expensename">
                </div>

                <div class="form-group">
                    <label for="">Expense Amount</label>
                    <input class="form-control" type="number" min="0"
name="amount" id="amount">
                </div>

                <div class="form-group">
                    <label for="">Paymode</label>
                    <select class="form-control" name="paymode" id="paymode">
                        <option selected hidden>Pay-Mode</option>
                        <option name="cash" value="cash">cash</option>
                        <option name="debitcard"
value="debitcard">debitcard</option>
                        <option name="creditcard"
value="creditcard">creditcard</option>

```

```

        <option name="epayment"
value="epayment">epayment</option>
        <option name="onlinebanking"
value="onlinebanking">onlinebanking</option>

    </select>

    <div class="form-group">
        <label for="">Category</label>
        <select class="form-control" name="category"
id="category">

            <option selected hidden>Category</option>
            <option name = "food" value="food">food</option>
            <option name = "entertainment"
value="entertainment">Entertainment</option>
            <option name = "business"
value="business">Business</option>
            <option name = "rent" value="rent">Rent</option>
            <option name = "EMI" value="EMI">EMI</option>
            <option name = "other" value="other">other</option>

        </select>
    </div>

    <input class="btn btn-danger" type="submit" value="Add" id="">

</form>

    <div style="position: relative; left: 590px; top: -460px;"
class="image">
        

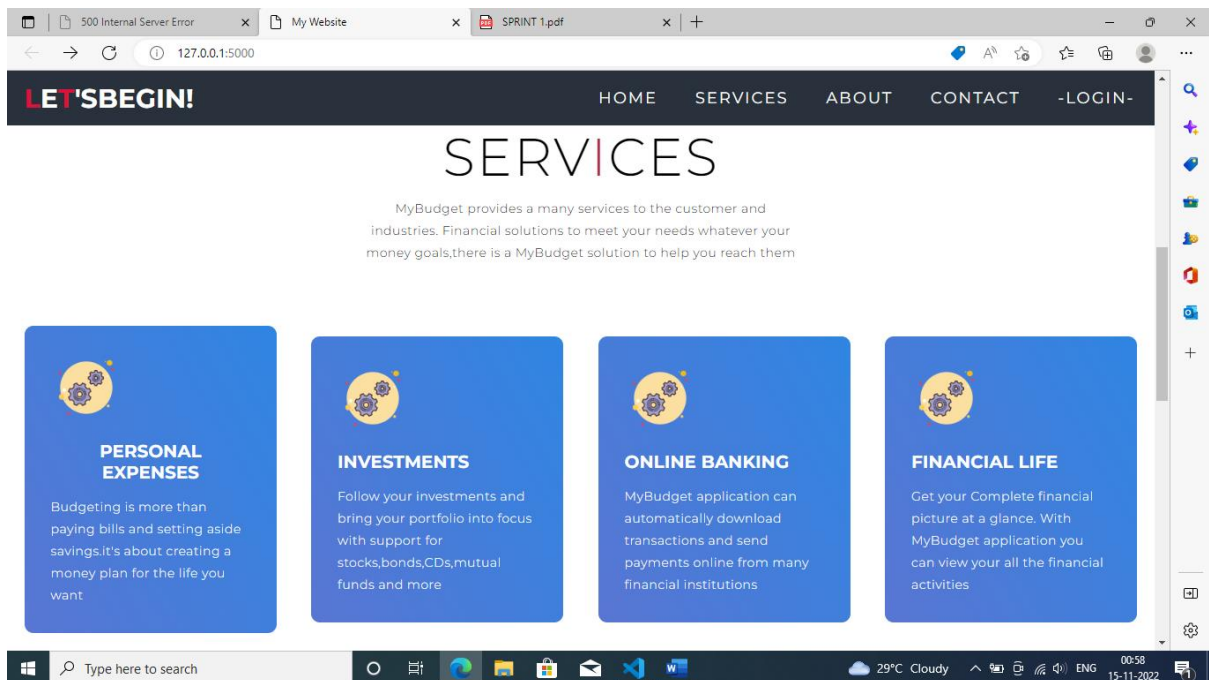
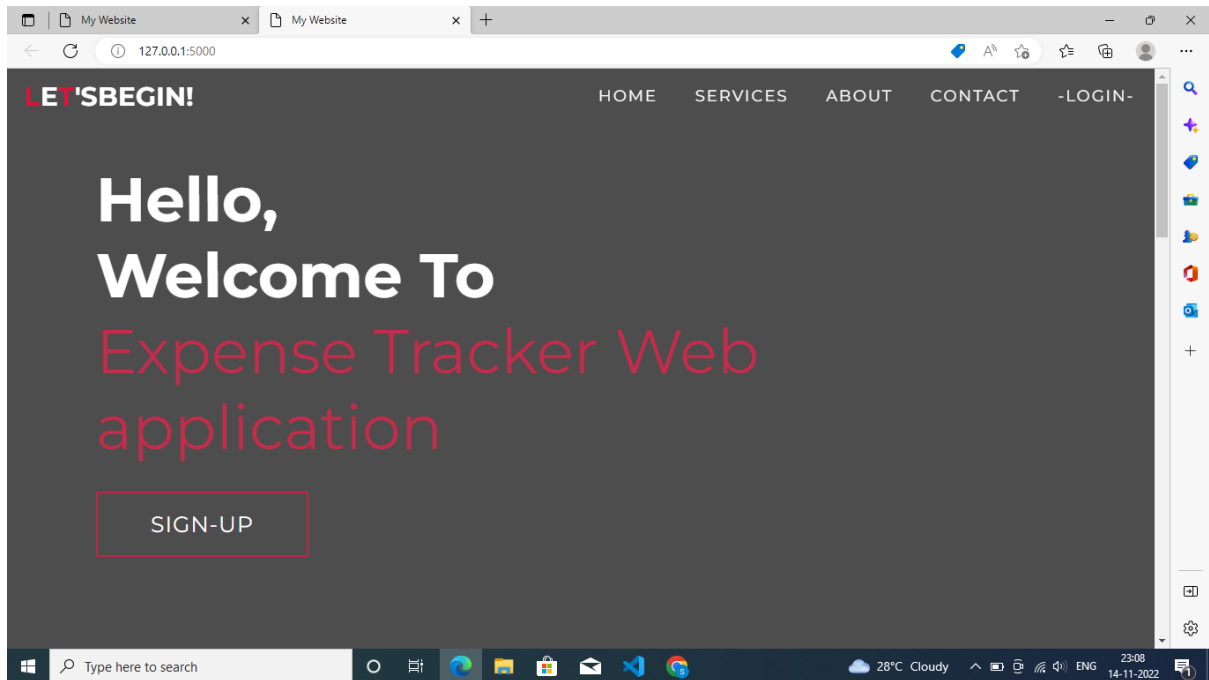
    </div>

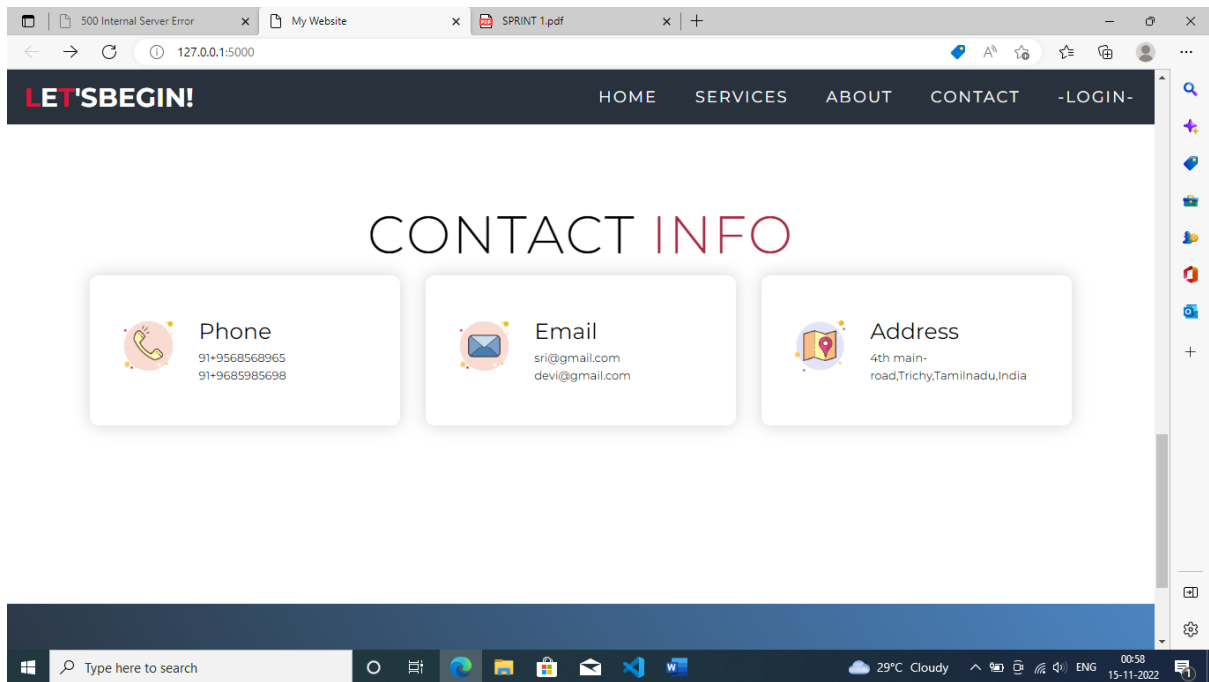
</div>
</div>

{% endblock %}

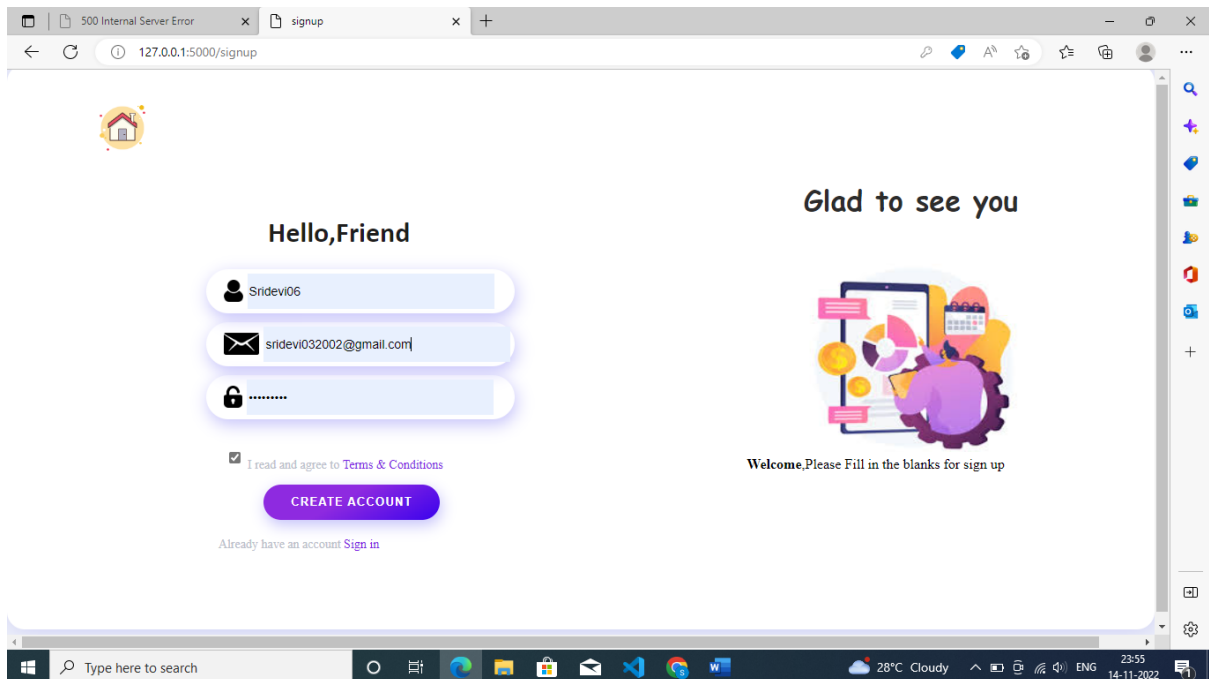
```

## OUTPUT:

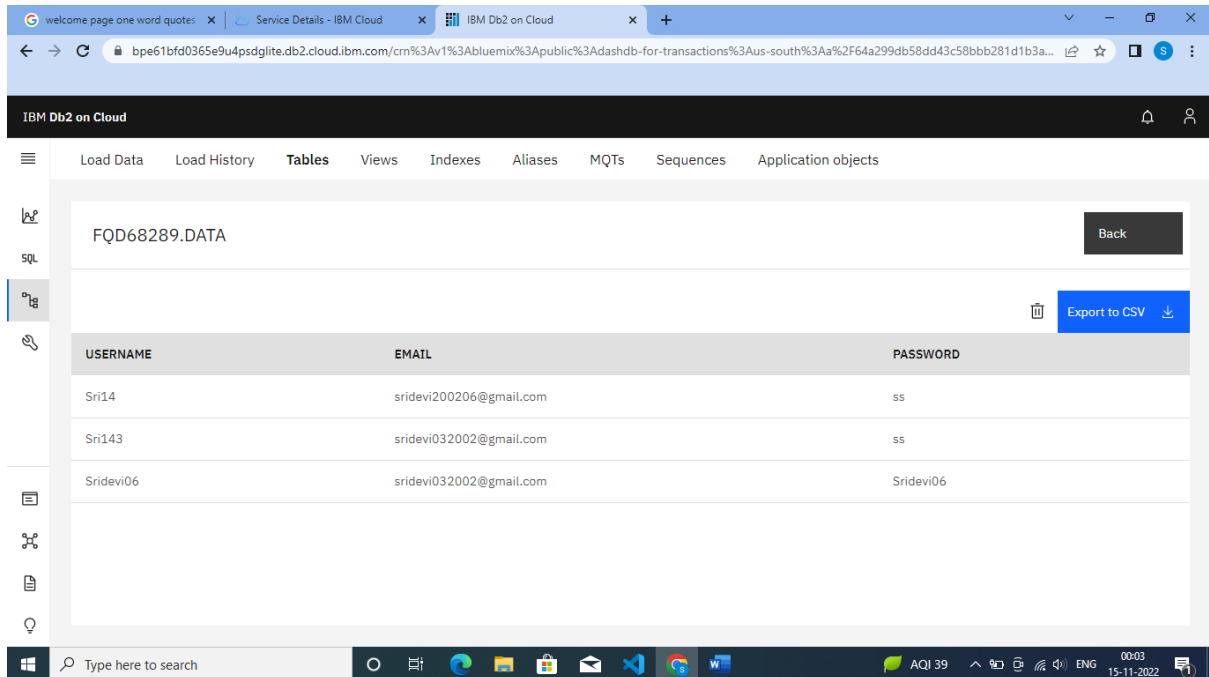




After clicked sign-up button:



Click create account button, the the login credintials stored in ibm db:

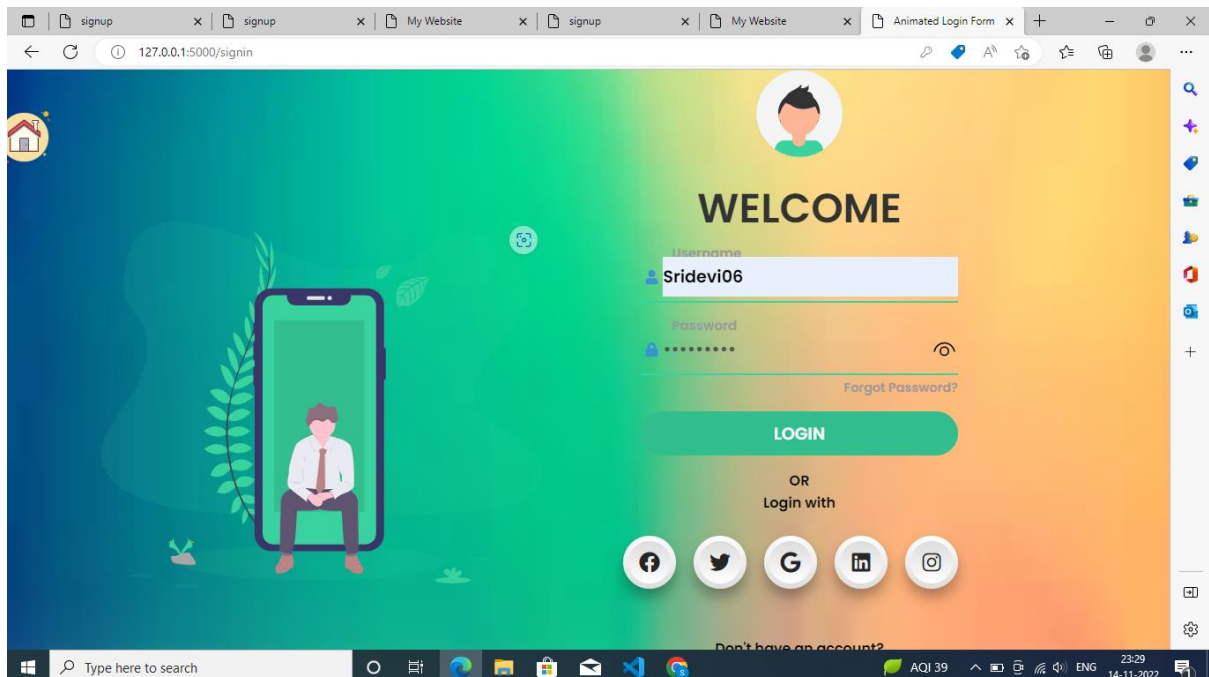


The screenshot shows the IBM Db2 on Cloud web interface. The top navigation bar includes 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is selected, displaying a table named 'FQD68289.DATA'. The table has three columns: 'USERNAME', 'EMAIL', and 'PASSWORD'. The data is as follows:

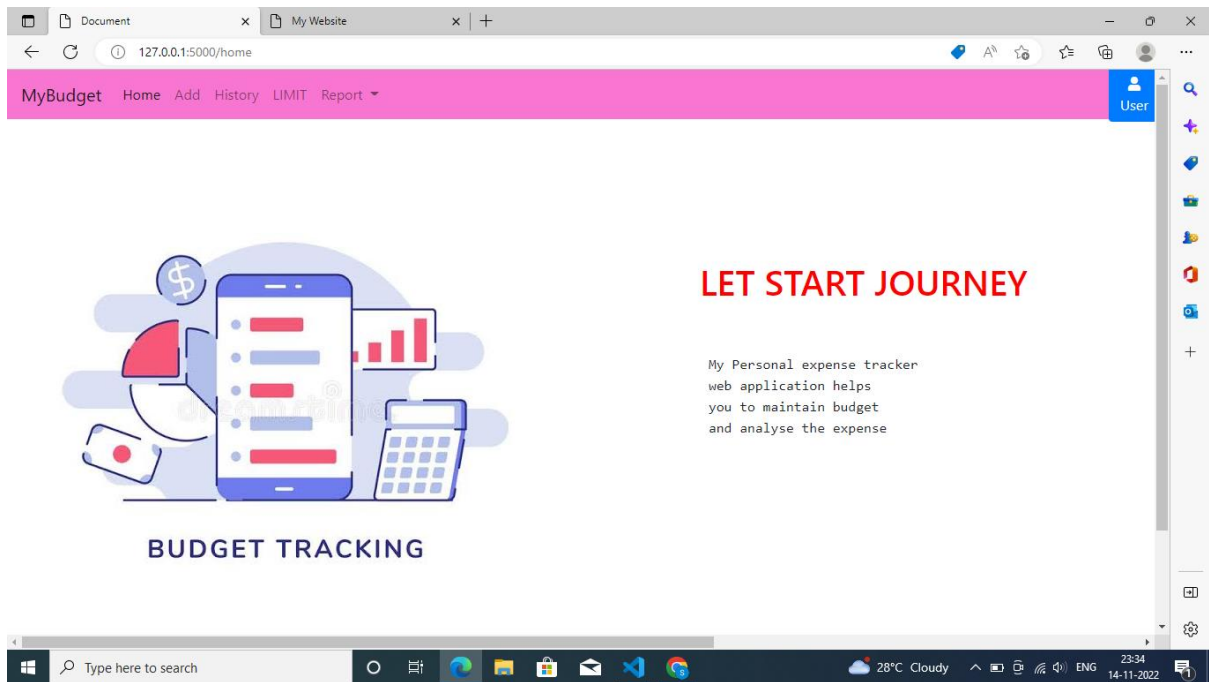
USERNAME	EMAIL	PASSWORD
Sri14	sridevi200206@gmail.com	ss
Sri143	sridevi032002@gmail.com	ss
Sridevi06	sridevi032002@gmail.com	Sridevi06

Buttons for 'Back' and 'Export to CSV' are visible in the top right corner of the table view.

After creating account and then click sign in.



After clicked login button:



### Adding expenses:

