

# IBM Assignment 2

Topic : Personal expense tracker

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App.py:

```
from flask import Flask, render_template, flash, request, redirect, url_for, session
import sqlite3

app = Flask(__name__)
app.secret_key="123"

con=sqlite3.connect("database.db")
con.execute("create table if not exists users(pid integer primary key,name TEXT, email TEXT, contact TEXT, password TEXT)")
con.close()

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

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

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

@app.route('/signin',methods=["GET","POST"])
def signin():
    if request.method=='POST':
```

```

        email=request.form['email']
        password=request.form['password']
        con=sqlite3.connect("database.db")
        con.row_factory=sqlite3.Row
        cur=con.cursor()
        cur.execute("select * from users where email=? and
password=?", (email,password))
        data=cur.fetchone()

        if data:
            session["name"]=data["name"]
            session["email"]=data["email"]
            session["password"]=data["password"]
            return redirect(url_for("profile"))
        else:
            flash("Username and Password Mismatch","danger")
            return redirect(url_for("signin"))
    return render_template('signin.html')

@app.route('/signup',methods = ['POST', 'GET'])
def signup():
    if request.method == 'POST':
        try:
            name = request.form['name']
            email = request.form['email']
            contact=request.form['contact']
            password = request.form['password']
            password1 = request.form['password1']
            if(password==password1):
                con=sqlite3.connect("database.db")
                cur = con.cursor()
                cur.execute("INSERT INTO users (name,email,contact,password)
VALUES (?, ?, ?, ?)", (name,email,contact,password))
                con.commit()
                flash("Register successfully","success")
                return redirect(url_for("signin"))
            else:
                flash("Password Mismatch","danger")
                return redirect(url_for("signup"))
        except:
            flash("Error","danger")

    return render_template("signup.html")

@app.route('/logout')
def logout():
    session.clear()
    return redirect(url_for("home"))

```

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

about.html:

```
<!DOCTYPE html>  
<html lang="en">  
  
<head>  
    <meta charset="UTF-8">  
    <title>About</title>  
    <link rel="stylesheet"  
href="{{url_for('static',filename='css/bootstrap.min.css')}}">  
    <script src="{{url_for('static',filename='js/jquery.min.js')}}"></script>  
</head>  
  
<body>  
    <nav class="navbar navbar-expand-md bg-success shadow">  
        <a class="navbar-brand text-white" href="/">Personal expense  
tracker</a>  
    </nav>  
    <section class="bg-white py-5">  
        <div class="container">  
            <h2 class="text-center mb-5">ABOUT</h2>  
            <div data-aos="zoom-in">  
                <p>Personal expense tracker helps the user to track their  
expenses</p>  
            </div>  
        </div>  
    </section>  
  
</body>  
</html>
```

Home.html:

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

```

<title>Home</title>
<link rel="stylesheet"
href="{{url_for('static',filename='css/bootstrap.min.css')}}">
<script src="{{url_for('static',filename='js/jquery.min.js')}}"></script>

</head>

<body>
    <nav class="navbar navbar-expand-md bg-success shadow">
        <a class="navbar-brand text-white" href="/">Expense Tracker</a>
        <div class="collapse navbar-collapse" id="navbarNav">
            <ul class="navbar-nav ml-auto">
                <li class="nav-item">
                    <a class="nav-link text-white" href="/">Home <span
class="sr-only"></span></a>
                </li>
                <li class="nav-item">
                    <a class="nav-link text-white"
href="{{url_for('about')}}">About</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link text-white"
href="{{url_for('signup')}}">Signup</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link text-white"
href="{{url_for('signin')}}">Signin</a>
                </li>
            </ul>
        </div>
    </nav>
    <section class="body">

        <div class="row m-0 py-5 py-lg-0">

            <div class="col-md-6 align-self-center pl-5" data-aos="fade-up-
right">
                <h1>Personal expense tracker</h1>
                <a class="btn btn-primary mt-3"
href="{{url_for('signup')}}">Get Started</a>

            </div>
        </div>
    </section>
</body>

</html>

```

## Profile.html:

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

<head>
  <meta charset="UTF-8">
  <title>Profile</title>
  <link rel="stylesheet"
href="{{url_for('static',filename='css/bootstrap.min.css')}}">
  <script src="{{url_for('static',filename='js/jquery.min.js')}}"></script>
</head>

<body>
  <nav class="navbar navbar-expand-md bg-success shadow">
    <a class="navbar-brand text-white" href="/">Customer Care</a>
  </nav>
  <div class="container">
    <div class="col-md-offset-3 col-md-5">
      <h2 class="page-header text-primary text-center">Customer
Page</h2>
      <h3 class="text-success">WELCOME  {{session["name"]}}</h3>
      <hr>
      <a href="{{url_for('logout')}}" class="btn btn-primary btn-
block">Logout</a>
    </div>
  </div>

</body>

</html>
```

## Signin.html:

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

<head>
  <meta charset="UTF-8">
  <title>SignIn</title>
  <link rel="stylesheet"
href="{{url_for('static',filename='css/bootstrap.min.css')}}">
  <script src="{{url_for('static',filename='js/jquery.min.js')}}"></script>
</head>
```

```

<body>
  <nav class="navbar navbar-expand-md bg-success shadow">
    <a class="navbar-brand text-white" href="/">Personal expense
tracker</a>
  </nav>
  <div class="container" style="margin-top:100px">
    <div class="col-md-offset-3 col-md-4">
      <form action="/signin" method="post" autocomplete="off">

        <h3 class="page-header text-primary">SIGN IN</h3>
        {% with messages = get_flashed_messages(with_categories=true)
%}

        {% if messages %}
        {% for category,message in messages %}
        <div class="alert alert-{{category}}">{{message}}</div>
        {% endfor %}
        {% endif %}
        {% endwith %}
        <div class="form-group">
          <label>Email</label>
          <input type="email" name="email" placeholder="Enter your
Email" class="form-control" required>
        </div>
        <div class="form-group">
          <label>Password</label>
          <input type="password" name="password" placeholder="Enter
your Password" class="form-control" required>
        </div>
        <div class="btn">
          <input type="submit" value="Signin" class="btn btn-
success">
        </div>
        <p class="bottom text-center mt-3">Didn't have an account? <a
class="bottom"
          href="{{url_for('signup')}}">Signup here</a>

        </form>
      </div>
    </div>

    <script>
      $(document).ready(function () {
        $(".alert").hide(5000)
      });
    </script>

  </body>

```

```
</html>
```

Signup.html:

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

<head>
  <meta charset="UTF-8">
  <title>SignUp</title>
  <link rel="stylesheet"
href="{{url_for('static',filename='css/bootstrap.min.css')}}">
  <script src="{{url_for('static',filename='js/jquery.min.js')}}"></script>
</head>

<body>
  <nav class="navbar navbar-expand-md bg-success shadow">
    <a class="navbar-brand text-white" href="/">Personal expense
tracker</a>
  </nav>
  <div class="container" style="margin-top:100px">
    <div class="col-md-offset-5 col-md-4">
      <form action="/signup" method="post" autocomplete="off">

        <h3 class="page-header text-primary">SIGN UP</h3>
        {% with messages = get_flashed_messages(with_categories=true)
%}

        {% if messages %}
        {% for category,message in messages %}
        <div class="alert alert-{{category}}">{{message}}</div>
        {% endfor %}
        {% endif %}
        {% endwith %}
        <div class="form-group">
          <label>Name</label>
          <input type="text" name="name" placeholder="Enter your
Name" class="form-control" required>
        </div>
        <div class="form-group">
          <label>Email</label>
          <input type="email" name="email" placeholder="Enter your
Email" class="form-control" required>
        </div>
        <div class="form-group">
          <label>Contact</label>
          <input type="text" name="contact" placeholder="Enter your
contact" class="form-control" required>
```

```

        </div>
        <div class="form-group">
            <label>Password</label>
            <input type="password" name="password" placeholder="Create
a password" class="form-control"
                required>
        </div>
        <div class="form-group">
            <label>Confirm-Password</label>
            <input type="password" name="password1"
placeholder="Rewrite a password" class="form-control"
                required>

        </div>
        <div class="form-group">
            <input type="submit" value="Signup" class="btn btn-
success">
            <input type="reset" value="Clear" class="btn btn-danger">
        </div>
    </form>
    <p class="bottom text-center mt-3">Already have an account? <a
class="bottom"
        href="{{url_for('signin')}}">Login here</a>
    </div>

</div>
<script>
    $(document).ready(function () {
        $(".alert").hide(5000)
    });
</script>
</body>
</html>

```

Screenshots:



# Personal expense tracker

[Get Started](#)

Personal expense tracker

## ABOUT

Personal expense tracker helps the user to track their expenses

## SIGN UP

Name

Ravi kumar J

Email

ravi@gmail.com

Contact

987654321

Password

.....

Confirm-Password

.....|

Signup

Clear

Already have an account? [Login here](#)

## SIGN IN

Email

Password

Signin

Didn't have an account? [Signup here](#)

## Customer Page

WELCOME Ravi kumar J

Logout

## SIGN IN

Email

Password

Signin

Didn't have an account? [Signup here](#)

## SIGN IN

Username and Password Mismatch

Email

Password

Signin

Didn't have an account? [Signup here](#)