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**PROJECT TITLE:** Personal Expense Tracker Application

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## **Source Code:**

### **Base.html:**

```
<!DOCTYPE html>
<html lang="en">
<head>
{% block head %}
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNI/vI1Bx"
crossorigin="anonymous">
<link rel="stylesheet" href="../static/style.css">
<title>{% block title %}{% endblock %} - Expense Tracker</title>
{% endblock %}
</head>
<body>
<nav class="navbar navbar-expand-lg navbar-dark bg-dark shadow mb-5">
<div class="collapse navbar-collapse">
<ul class="navbar-nav">
<li class="nav-item">
<a href="{{ url_for('register') }}" class="navbar-brand p-3">Sign Up</a>
</li>
<li class="nav-item">
<a href="{{ url_for('login') }}" class="navbar-brand p-3">Sign in</a>
</li>
</ul>
</div>
</nav>
<div class="container">
{% block content %}
{% endblock %}
</div>
<script src="../static/submit.js"></script>
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/js/bootstrap.bundle.min.js"
integrity="sha384-A3rJD856KowSb7dwlZdYEkO39Gagi7vIsF0jrRAoQmDCKKtQBHUuLZ9AsSv4jD4Xa"
crossorigin="anonymous"></script>
</body>
</html>
```

## Index.html:

```
{% extends 'base.html' %}
{% block content %}
<h2>Welcome our Home Page!</h2>
{% endblock %}
```

## Login.html:

```
{% extends 'base.html' %}
{% block title %}Login {% endblock %}

{% block content %}
<h2>Login:</h1><br>
<form action="" method="post">
<div class="row mb-3">
<label for="name" class="col-sm-2 col-form-label">Name:</label>
<div class="col-sm-5">
<input type="text" class="form-control" name="name" id="name" placeholder="Enter your name" required>
</div>
</div>
<div class="row mb-3">
<label for="email" class="col-sm-2 col-form-label">Email:</label>
<div class="col-sm-5">
<input type="email" class="form-control" name="email_id" id="email" placeholder="Enter your email"
required>
</div>
</div>
<div class="row mb-3">
<label for="pwd" class="col-sm-2 col-form-label">Password:</label>
<div class="col-sm-5">
<input type="password" class="form-control" name="password" id="pwd" placeholder="Enter your password"
required>
</div>
</div>
<input type="submit" class="submit btn btn-primary " value = "Submit">
```

```

<script src = "../static/submit.js"></script>
</form>

{% endblock %}

```

## Register.html:

```

{% extends 'base.html' %}
{% block title %}Register {% endblock %}

{% block content %}
<h2>Register:</h1><br>
<!-- {{ url_for('login')}} -->
<form action= "{{ url_for('login')}}" onsubmit="password_check()" method = 'post'>
<div class="row mb-3">
<label for="name" class="col-sm-2 col-form-label">Name:</label>
<div class="col-sm-5">
<input type="text" class="form-control" name="name" id="name" placeholder="Enter your name" required>
</div>
</div>
<div class="row mb-3">
<label for="email" class="col-sm-2 col-form-label">Email:</label>
<div class="col-sm-5">
<input type="email" class="form-control" name="email_id" id="email" placeholder="Enter your email"
required>
</div>
</div>
<div class="row mb-3">
<label for="pwd" class="col-sm-2 col-form-label">Password:</label>
<div class="col-sm-5">
<input type="password" class="form-control" name="password" id="pwd" placeholder="Enter your password"
required>
</div>
</div>
<div class="row mb-3">
<label for="cpwd" class="col-sm-2 col-form-label">Confirm Password:</label>
<div class="col-sm-5">
<input type="password" class="form-control" name="confirm_pwd" id="cpwd" placeholder="Confirm
password" required >
</div>
</div>
<p class="pwd_error"></p>
<input type= "submit" class="submit btn btn-primary " value = "Submit">

```

```
</form>
{% endblock % }
```

## App.py:

```
from flask import Flask,render_template,request,redirect

app = Flask(__name__)

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

@app.route("/register",methods = ['GET',"POST"])
def register():
    if request.method == 'POST':
        uname = request.form['name']
        email = request.form['email_id']
        pwd = request.form['password']
        cpwd = request.form['confirm_pwd']
        if pwd != cpwd:
            return render_template('register.html',pwd_error = "Password does not match!")
        # else:
        #     return redirect("login")
    else:
        return render_template('register.html')

@app.route("/login",methods = ['GET',"POST"])
def login():
    return render_template('login.html')

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

## style.css:

```
.pwd_error{
color: red;
}
```

# Output:

