|  |
| --- |
| from flask import Flask, redirect, render\_template, request, session, url\_for |
|  |  |
|  | app = Flask(\_\_name\_\_) |
|  |  |
|  | # Secret key for sessions |
|  | app.secret\_key = "secret" |
|  |  |
|  | @app.route("/", methods=["GET", "POST"]) |
|  | def store(): |
|  | if request.method == "GET": |
|  | return render\_template("store.html") |
|  |  |
|  | # For each item in store, checks if item is in session |
|  | # If item is in session, increments the count by value entered in the form |
|  | # If item is not in session, initialises the count by value entered in the form |
|  | # Redirects to the HTML page to view Shopping Cart |
|  | if request.method == "POST": |
|  | for item in ["eggs", "milk", "bread"]: |
|  | if item not in session : |
|  | session[item] = int(request.form[item]) |
|  | else: |
|  | session[item] += int(request.form[item]) |
|  | return redirect(url\_for("cart")) |
|  |  |
|  |  |
|  | @app.route("/cart", methods=["GET", "POST"]) |
|  | def cart(): |
|  |  |
|  | # Creates a list of dictionaries containing each item in cart and its quantity |
|  | # Displays this list in a HTML page |
|  | cart = [] |
|  | for item in ["eggs", "milk", "bread"]: |
|  | cart.append({"name":item.capitalize(), "quantity":session[item]}) |
|  | return render\_template("cart.html", cart=cart) |
|  |  |
|  |  |
|  | @app.route("/buy", methods=["GET", "POST"]) |
|  | def buy(): |
|  |  |
|  | # Total amount initialised to 0 |
|  | amount = 0 |
|  |  |
|  | # Index for list containing prices of items |
|  | index = 0 |
|  |  |
|  | # Prices of every item |
|  | prices = [5, 12, 22] |
|  |  |
|  | # Creates a list of dictionaries containing each item in cart, its quantity, and cost(price\*qty) |
|  | # Calculates total bill amount |
|  | # Displays the bill in a HTML page |
|  | cart = [] |
|  | for item in ["eggs", "milk", "bread"]: |
|  | row = {} |
|  | row["name"] = item.capitalize() |
|  | row["quantity"] = session[item] |
|  | row["price"] = prices[index] \* session[item] |
|  | amount = amount + row["price"] |
|  | cart.append(row) |
|  | index = index + 1 |
|  | return render\_template("bill.html", cart=cart, amount=amount) |
|  |  |
|  | if \_\_name\_\_ == '\_\_main\_\_': |
|  | app.run() |