

# SETTING UP THE APPLICATION ENVIRONMENT

## Create Flask Project

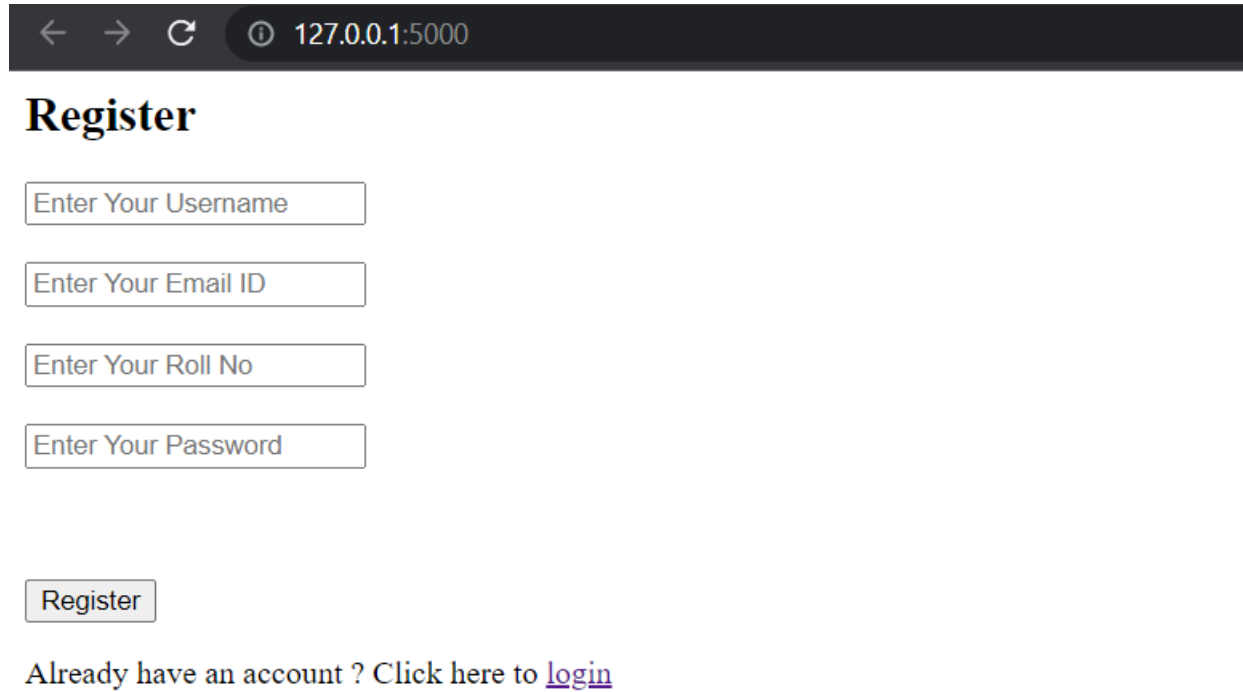
|              |  |
|--------------|--|
| Date         | 11November 2022                          |
| Team ID      | PNT2022TMID08671                         |
| Project Name | Inventory Management System For Retailer |

Code:

App.py:

```
app.py > register
1  from flask import Flask, redirect, render_template, request, url_for, session
2  import ibm_db
3  import re
4  app=Flask(__name__)
5  app.secret_key = 'a'
6  conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=3883e7e4-18f5-4afe-be8c-fa31c41761d2.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=31498;S
7
8  @app.route('/login',methods=['GET','POST'])
9  def login():
10     global userid
11     msg=""
12
13
14     if request.method == 'POST' :
15         username = request.form['username']
16         passwd = request.form['passwd']
17         sql = "SELECT * FROM USER WHERE username =? AND passwd=?"
18         stmt = ibm_db.prepare(conn, sql)
19         ibm_db.bind_param(stmt,1,username)
20         ibm_db.bind_param(stmt,2,passwd)
21         ibm_db.execute(stmt)
22         account = ibm_db.fetch_assoc(stmt)
23         print (account)
24         if account:
25             session['loggedin'] = True
26             session['id'] = account['USERNAME']
27             userid= account['USERNAME']
28             session['username'] = account['USERNAME']
29             msg = 'Logged in successfully !'
30             return render_template('welcome.html', msg = msg)
31         else:
32             msg = 'Incorrect username / password !'
33         return render_template('login.html', msg = msg)
34
35
36 @app.route('/', methods =['GET', 'POST'])
```

Output:



A screenshot of a web browser displaying a registration page. The browser's address bar shows the URL 127.0.0.1:5000. The page has a dark header bar. Below the header, the word "Register" is displayed in a large, bold, black serif font. There are four text input fields stacked vertically, each with a light gray border and a light gray placeholder text: "Enter Your Username", "Enter Your Email ID", "Enter Your Roll No", and "Enter Your Password". Below these fields is a "Register" button with a light gray border and a light gray background. At the bottom of the form, there is a line of text: "Already have an account ? Click here to [login](#)", where "login" is a blue, underlined hyperlink.

← → ↻ ⓘ 127.0.0.1:5000

## Register

Already have an account ? Click here to [login](#)