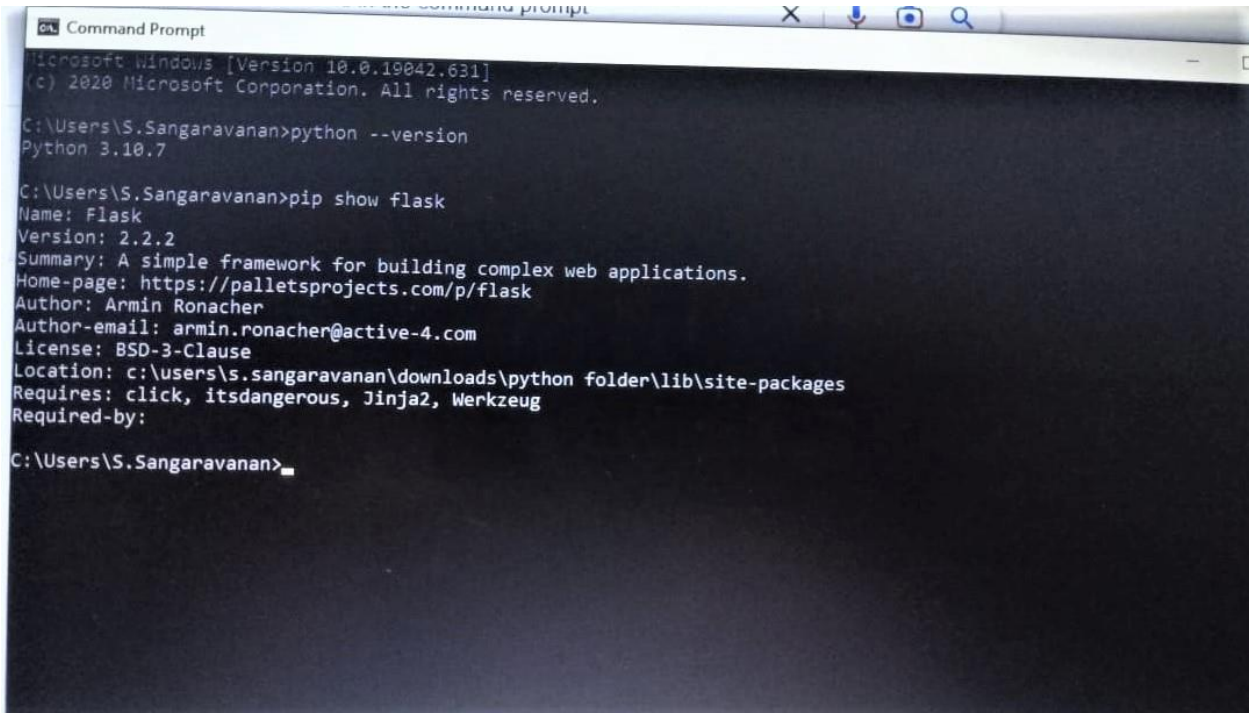
SETTING UP THE ENVIRONMENT- FLASK PROJECT

PROJECT TILE	Project – Nutrition Assistant Application
TEAM ID	PNT2022TMID32891



FLASK PROJECT:

App.py

from flask import Flask, render_template, request, redirect, url_for, flash

from flask_wtf import FlaskForm

from wtforms import StringField, PasswordField, SubmitField

from wtforms.validators import DataRequired, Email, EqualTo

app = Flask(name) app.config['SECRET_KEY'] =

'mysecretkey'

class RegistrationForm(FlaskForm):

first_name = StringField('First Name', validators=[DataRequired()])

last_name = StringField('Last Name', validators=[DataRequired()])

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email = StringField('Email', validators=[DataRequired(), Email()])
 phone = StringField('Phone', validators=[DataRequired()])
 password = PasswordField('Password', validators=[DataRequired()])
 submit = SubmitField('Submit')
 @app.route('/', methods=['GET', 'POST'])
def index():
 return render_template('index.html')
@app.route('/register', methods=['GET', 'POST'])
 def register():
 form = RegistrationForm()
 if form.validate_on_submit():
flash(f'Account created for {form.first_name.data} {form.last_name.data}!', 'success')
 return render_template('success.html', form=form)
 return render_template('success.html', form=form)
@app.route('/success', methods=['GET', 'POST'])
def success():
return render_template('success.html',
first_name=request.args.get('first_name'),
 last_name=request.args.get('last_name'),
email=request.args.get('email'),
 phone=request.args.get('phone'))
 if name == ' main ':
 app.run(debug=True)
```

Index.html:

```
<!DOCTYPE html>
```

```
<html>

<head>

<title>Flask App</title>

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css” integrity="sha384-JcKb8q3iqJ61gNV9KGb8thSsNjpSL0n8PARn9HuZOnIxN0hoP+VmmDGMN5t9UJ0Z" cross origin="anonymous">

</head>

<body>

<h1>Registration Page</h1>

<form action="/register" method="POST">

<label for="first_name">

First Name:

</label>

<input type="text" name="first_name" id="first_name"> <br>

<label for="last_name">

Last Name:

</label>

<input type="text" name="last_name" id="last_name"> <br>

<label for="email">

Email:

</label>

<input type="text" name="email" id="email"> <br>

<label for="phone">

Phone:

</label>
```

```
<input type="text" name="phone" id="phone"> <br>
 <label for="password">
Password:
</label>
 <input type="password" name="password" id="password"> <br>
 <input type="submit" value="Submit">
 </form>
 </body>
 </html>
```

Success.html:

```
<!DOCTYPE html>
 <html lang="en">
 <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">
 <title>Success</title>
 <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css " integrity="sha384-
JcKb8q3iqJ61gNV9KGb8thSsNjpSL0n8PARn9HuZOnIxN0hoP+VmmDGMN5t9UJ0Z"
crossorigin="anonymous">
</head>
<body>
 <h1>Success</h1>
 <h2>Thank you for submitting your information</h2>
 <h3>Here is the information you submitted:</h3>
 <p>
```

First Name: {{form.first_name}}

Last Name: {{form.last_name}}

Email: {{form.email}}

Phone: {{form.phone}}

</body>

</html>