1.App.py

From Flask import flask

app=Flask(\_\_name\_\_)

Articles=articles ( )

@app.route ('/'):

def index():

return render\_template('home.html')

@app.route ('/about'):

def about ():

return render\_template('about.html')

@app.route ('/articles')

def articles ():

return render\_template('articles.html', articles=Articles)

@app.route ('/article/<string:id>')

def article ():

render\_template('article.html', id=id)

if \_\_name\_\_=='\_\_main\_\_’:

app.run(debug=True)

2. home.html

{% extends 'layout.html' %}

{% block body %}

< div class=”jumbotron text-center>

<h1 >Welcome to FlaskApp</h1>

<p class="lead">Built on Python framework</p>

</div>

{% endblock %}

3. articles.html

{% extends 'layout.html' %}

{% block body%}

<h1 >Articles</h1>

<ul class= "list-group">

{% for article in articles %}

<li class= "list-group-item">< a href= "articles/{{articles.id}}">{{articles.title}}</a></li> {% endfor %}

</ul>{% endblock %}

4. Layout.html

<!DOCTYPE html>

<html>

<head>

< meta charset="utf-8">

< title>My FlaskApp</title>

<link rel="stylesheet" href=https://...></head >

<body >

{% include 'include/\_navbar.html' %}

<div class= "container">

{% blockbody %}{% endblock %}

< /div>

<script src=https://...></>

</body>

</html>

5. Navbar

< nav class="navbar navbar-inverse navbar-fixed-top">

< div class= "container"></div>

<div class="navbar-header"></div><button type="button" class="navbar-toggle collapsed" data-toggle="collapse" >

<span class ="sr-only">toggle navigation</span>

<span class= "icon-bar">< /span>

<span class= "icon-bar">< /span>

<span class= "icon-bar">< /span>

</button>

<a class="navbar-brand" href="#">My FlaskApp</a>

</div>

<div id="navbar" class="collapse navbar-collapse" >

< ul class="nav navbar-nav>

<li class= "active"><a href="/about" >Home</a></li>

<li ><a href="/about" >About</a></li>

<li ><a href="#contact">Contact</a></li>

<li ><a href="/articles" >Articles</a></li>

</ul>

</div><!---/nav-collapse--->

</div>

</nav>

6. data.py

def Articles ():

articles=[

{

'id': 1,

'title' : 'Article One' ,

'body' : 'Lorem ipsum',

'author' : 'Brad Lamz',

'create-date' : '18-12-2021'

}, {

'id': 2,

'title' : 'Article Two' ,

'body' : 'Lorem ipsum',

'author' : 'Brad Lamz',

'create-date' : '18-12-2021'

},{

'id': 3,

'title' : 'Article Three' ,

'body' : 'Lorem ipsum',

'author' : 'Light bringer',

'create-date' : '18-12-2021'

},{

'id': 4,

'title' : 'Article Four' ,

'body' : 'Lorem ipsum',

'author' : 'Tata Nsai',

'create-date' : '18-12-2021'

}

]

7. article.html

{% extends 'layout.html%}

{% blockbody %}

< h1>{{id}}</h1>

{% endblock%}