

Mini Project: "React Blog Portal"

1. Blog Post Component
2. Multi-component Blog
3. Dynamic Blog Content with JSX and JavaScript
4. Blog Listing and Details
5. Filtering Blog Posts
6. Additional Features using Advanced Topics

Project Workflow

```
import React from 'react'
import BlogPost from '../Pages/BlogPost';
import SearchBar from '../components/SearchBar';
const App = () => {
  return (
    <div className="container">
      <SearchBar/>
      <BlogPost/>
    </div>
  )
}
export default App
```

```
import React from 'react'
import Button from 'react-bootstrap/Button';
import Card from 'react-bootstrap/Card';
import PostTitl from '../components/PostTitl';
import PostContent from '../components/PostContent';
import PostAuthor from '../components/PostAuthor';
import Modal from 'react-bootstrap/Modal';
import { useState } from 'react';
const Blog = (props) => {
  return (
    <div
      className="modal show"
      style={{ display: 'flex', position: 'initial' }}>
      <Modal.Dialog>
```

```

    <Modal.Header closeButton>
      <Modal.Title>{props.val1}</Modal.Title>
    </Modal.Header>
    <Modal.Body>
      { <PostContent/>}
    </Modal.Body>
    <Modal.Footer>
      {<PostAuthor/>}
    </Modal.Footer>
  </Modal.Dialog>
</div>
)
}
export default Blog

```

```

import React, { useState } from 'react'
import Button from 'react-bootstrap/Button';
import Card from 'react-bootstrap/Card';
import PostTitl from '../components/PostTitl';
import PostContent from '../components/PostContent';
import PostAuthor from '../components/PostAuthor';
import Blog from './Blog';
import SearchBar from '../components/SearchBar';
let val;
const BlogPost = () => {
  const[shown,setShown]=useState(false);
  const[shown1,setShown1]=useState(false);
const firstBlog=(event)=>
{
  setShown(current=>!current);
  val=event.target.innerHTML;
}
  return (
    <div className="container mt-5 d-flex ">
      <div className="container">
        <Button className="mx-1 mb-1" onClick={firstBlog}>A
Step-By-Step Guide</Button>
        {shown && <PostTitl tit={val}/>}
        <Button className="mx-1 mb-1" onClick={firstBlog}>The
Advanced Guide To...</Button>
        {shown1 && <PostTitl tit={val}/>}
        <Button className="mx-1 mb-1" onClick={firstBlog}>A
Start-To-Finish Guide...</Button>

```

```

        {shown1 && <PostTitl tit={val}/>}
        <Button className="mx-1 mb-1" onClick={firstBlog}>The
In-Depth Guide To...</Button>
        {shown1 && <PostTitl tit={val}/>}
        <Button className="mx-1 mb-1" onClick={firstBlog}>The Only
Guide You Need</Button>
        {shown1 && <PostTitl tit={val}/>}
      </div>
    </div>
  )
}
export default BlogPost

```

```

import React from 'react'
const PostAuthor = () => {
  const tit=["Ajay","Sri","Ram","Raghu","Viku"];
  const ran=Math.floor(Math.random()*5);
  return (
    <div>
      {tit[ran]}
    </div>
  )
}
export default PostAuthor
import React from 'react'
const PostContent = () => {
  const con=["a set of content rules that keeps the tone of voice and
other elements of brand voice consistent across pieces of content,
regardless of who creates it ","Content guidelines spell out the rules
people should follow when they create content for your organization.
Part instructions, part advice, they lay out everything you need to
know about how to create consistent content at your company.","Content
strategy refers to a brand's overarching content process and practices
including planning, creation, publication, management, and content
governance.","In-depth content is designed to meet a reader's needs
with expert knowledge on a variety of related subjects around a focus
topic.","Content writing is the process of writing, editing, and
publishing content in a digital format. That content can include blog
posts, video or podcast scripts, ebooks or whitepapers, press releases,
product category descriptions, landing page or social media copy "];
  const ran=Math.floor(Math.random()*5);
  return (
    <div>

```

```

        <p>{con[ran]}</p>
    </div>
)
}
export default PostContent
import React, { useState } from 'react'
import PostContent from './PostContent';
import PostAuthor from './PostAuthor';
import { Modal } from 'react-bootstrap';

const PostTitl = (props) => {
    const[display,setDisplay]=useState(false);
    const tit=["A Step-By-Step Guide","The Advanced Guide To","A
Start-To-Finish Guide","The In-Depth Guide To","The Only Guide You
Need"];
    const arr=[
        {
            tit:"A Step-By-Step Guide",
            con:"a set of content rules that keeps the tone of voice and
other elements of brand voice consistent across pieces of content,
regardless of who creates it",
            auth:"Ajay"
        },
        {
            tit:"A Start-To-Finish Guide",
            con:"Content guidelines spell out the rules people should
follow when they create content for your organization. Part
instructions, part advice, they lay out everything you need to know
about how to create consistent content at your company.",
            auth:"Sri"
        },
        {
            tit:"The Advanced Guide To",
            con:"Content strategy refers to a brand's overarching content
process and practices including planning, creation, publication,
management, and content governance.",
            auth:"Raghu"
        },
        {
            tit:"The In-Depth Guide To",
            con:"In-depth content is designed to meet a reader's needs with
expert knowledge on a variety of related subjects around a focus
topic.",

```

```

        auth:"Wiku"
    },
    {
        tit:"The Only Guide You Need",
        con:"Content writing is the process of writing, editing, and
publishing content in a digital format. That content can include blog
posts, video or podcast scripts, ebooks or whitepapers, press releases,
product category descriptions, landing page or social media copy",
        auth:"ram"
    },
]
let store="";
let store1="";
let store2="";
tit.map((val)=>
{
    if(val===props.tit)
    {
        store=props.tit;
        props.titset(store);
    }
});
arr.filter((val)=>val.tit===props.tit).map((val)=>{
    store1=val.con;
    store2=val.auth;
});
return (
    <div>
        <div className="modal show" style={{ display: 'flex', position:
'initial' }}>
            <Modal.Dialog>
                <Modal.Header closeButton>
                    <Modal.Title>{store}</Modal.Title>
                </Modal.Header>
                <Modal.Body>
                    {store1}
                </Modal.Body>
                <Modal.Footer>
                    {store2}
                </Modal.Footer>
            </Modal.Dialog>
        </div>
    </div>

```

```

    )
}

export default PostTitl
import React from 'react'
import {useState} from "react"
import { Button, Col, Container, Form, Row,Modal } from
"react-bootstrap";
import PostTitl from './PostTitl';
import Blog from '../Pages/Blog';
import PostContent from './PostContent';
import PostAuthor from './PostAuthor';
let val="";
const SearchBar = () => {
    const[title,setTitle]=useState('');
    const[display,setDisplay]=useState(false);
    const handleChange= async(event)=>
    {
        setTitle(event.target.value);
        val=event.target.value;
    }
    const handleSubmit = async(event) =>
    {
        val=title;
        setDisplay(true);
    }
    return (
        <Container className="mt-5">
            <Row>
                <Col sm={4} className="container">
                    <Form className="d-flex">
                        <Form.Control
                            type="search"
                            placeholder="Search"
                            className="me-2 rounded-pill"
                            aria-label="Search"
                            onChange={handleChange}
                        />
                        <Button className="rounded-pill" variant="outline-primary"
type="button" onClick={handleSubmit}>
                            Search
                        </Button>
                    </Form>
                </Col>
            </Row>
        </Container>
    )
}

```

```
        </Col>
        {display && <PostTitl tit={title} titset={setTitle}/>}
    </Row>
</Container>
)
}
export default SearchBar
```