

blog_website

This repository contains the code for a blog website. The implementation details and user constraints are as follows.

Problem Statement

- > Create a simple blog page using HTML or React with following components.
- >The Idea is to create a landing page where a client will be able to view all the blogs/content that we post on a regular basis.
- >The task is to create a simple structure in which we will be hosting this data.
- > The components:
 1. Featured image/Video
 2. Blog Title
 3. Blog Author (and image)
 4. Post Date
 5. Category
 6. Tags
 7. SEO Tags
 8. Blog Excerpt
 9. Social share links
 10. Read More Button

Current Features :

1. The Website contains 3 Pages : a) Home Page : Contains Home, About Us, Contact Us sections. b) Blogs page: Displays all blogs posted on database. c) New Blog Page: Contains form for adding new blog.

Snapshots :

a) Home Page :

(i) Home Section :

Hello!

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

(ii) About Us :

About Us

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Contact Us



Charlotte Martin



John Doe

(iii) Contact Us :

Contact Us



Charlene Marriott

Some quick example text to build on the card title and make up the bulk of the card's content.

[LinkedIn Profile](#)



Jack Watson

Some quick example text to build on the card title and make up the bulk of the card's content.

[LinkedIn Profile](#)

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14:17 10-04-2021

b) Blogs Page: NOTE : For testing purpose, 2 Dummy blogs were added to the database(Firebase Firestore). Read More Functionality has been showcased for one of the blogs.

(i)

Welcome !

dummy

by dummy

dummy

Category : dummy

Tags : dummy

Summary : dummy

[Read More](#)

Title

by Author

10 April, 2021

Category : Category

Tags : Finance, Market

Summary : Summary

[Read More](#)

Rising Prices of Stocks in Inflation

(ii) Read More feature

The screenshot shows a web browser window with the following details:

- Address Bar:** Blog Page | File | E/Web%20Development/Blog%20Website/blogs.html
- Toolbar:** Apps, Gmail, YouTube, Translate, Library, Winter Industrial Tr..., Create with Code -...; Other bookmarks, Reading list.
- Content Area:**
 - Blog Post 1:** Category : dummy, Tags : dummy, Summary : dummy. A "Read More" button is visible.
 - Blog Post 2:** Title, by Author, 10 April, 2021. Categories: Category, Tags: Finance, Market, Summary: Summary. A "Read More" button is visible.
 - Blog Post 3:** Title: Rising Prices of Stocks in Inflation, by Charlene Marriott, 10 April, 2021. Categories: Stock Market, Tags: Finance, Share Market, Inflation. Summary: This blog contains insight on the rise of the stock prices during the period of inflation. The blog is targeted towards aspiring share market enthusiasts. Content: This content is used for testing purpose. Dummy text is updated in the content for display provision. A "Read Less" button is visible.
- Bottom Bar:** Type here to search, taskbar icons (File Explorer, Edge, etc.), system tray showing 14:29, ENG, 10-04-2021.

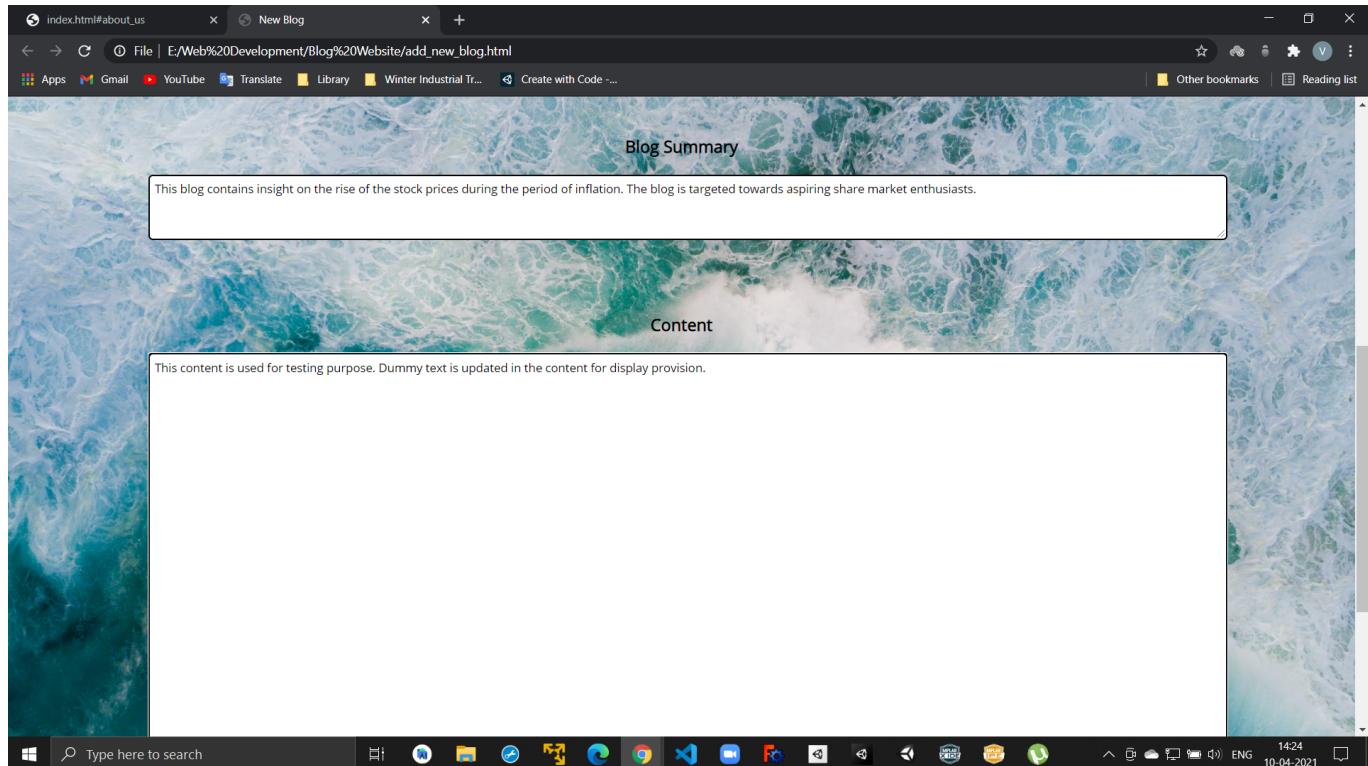
c) New Blogs Page :

(i) Form filling :

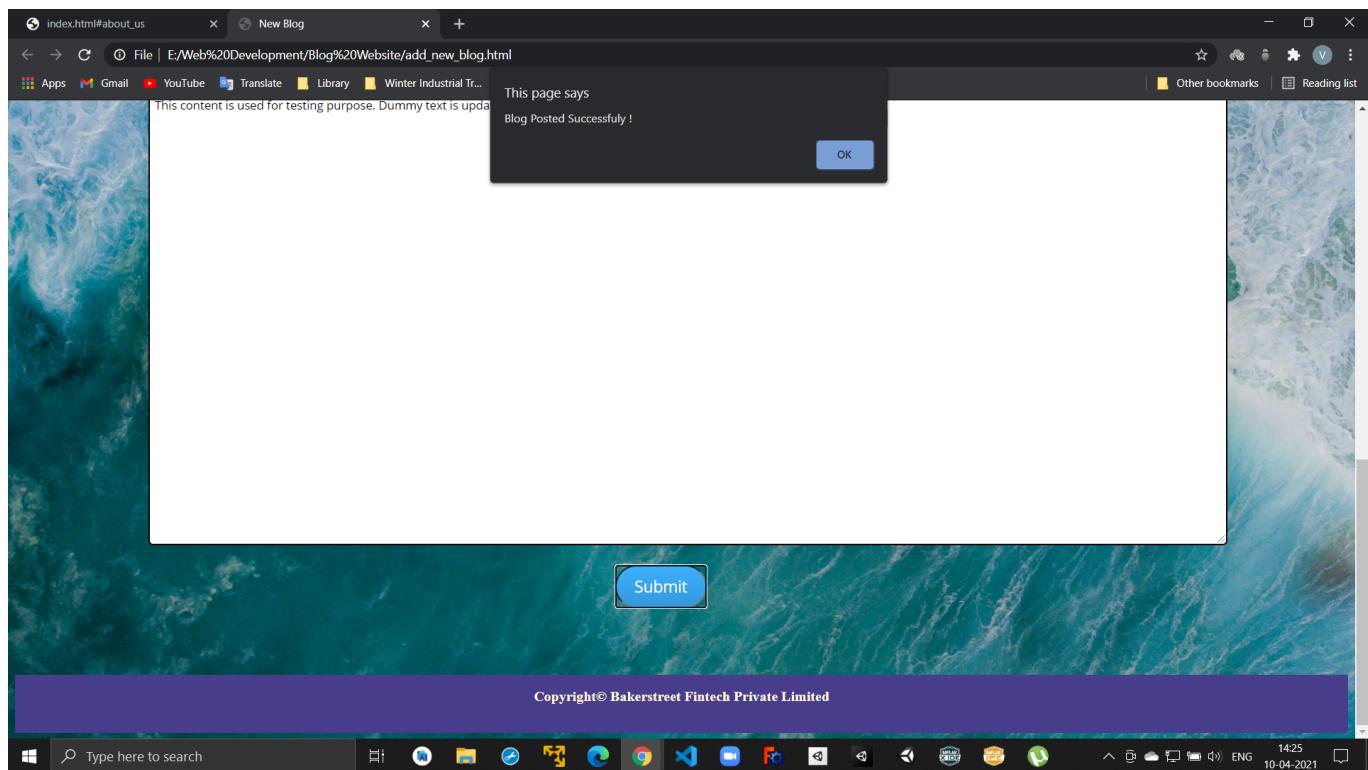
The screenshot shows a web browser window with the following details:

- Address Bar:** index.html#about_us | New Blog
- Toolbar:** Apps, Gmail, YouTube, Translate, Library, Winter Industrial Tr..., Create with Code -...; Other bookmarks, Reading list.
- Form Fields:**
 - Blog Title: Rising Prices of Stocks in Inflation
 - Author: Charlene Marriott
 - Category: Stock Market
 - Tags: Finance, Share Market, Inflation
 - Blog Summary: (empty input field)
- Bottom Bar:** Type here to search, taskbar icons (File Explorer, Edge, etc.), system tray showing 14:20, ENG, 10-04-2021.

(ii) Form Filling(2) :



(iii) Form Submission :



User Constraints :

1. The user can currently post a blog on the website without Authentication.
2. The website is recommended to be used on desktop browser.
3. The website is currently not hosted on any platform.

Implementation Details :

(A) Front End Development :

1. HTML : Document Structuring

2. CSS : Element Styling

3. Javascript : Page behaviour

4. Bootstrap : Navbars and Card Views. (B) Back End Development :

5. Firebase Firestore for storing blogs

Database Image :

The screenshot shows the Firebase Firestore interface. On the left, the sidebar includes 'Project Overview', 'Build' (Authentication, Firestore Database, Realtime Database, Storage, Hosting, Functions, Machine Learning), 'Release and monitor' (Crashlytics, Performance, Test Lab...), 'Analytics' (Dashboard, Realtime, Events, Conv...), and 'Extensions'. The main area shows a collection named 'blogs' with a single document named 'WtLjQXAzrVBcsyulagbB'. The document details are as follows:

```

author: "Charlene Marriott"
category: "Stock Market"
content: "This content is used for testing purpose. Dummy text is updated in the content for display provision."
post_date: "10 April, 2021"
summary: "This blog contains insight on the rise of the stock prices during the period of inflation. The blog is targeted towards aspiring share market enthusiasts."
tags: "Finance, Share Market, Inflation"
title: "Rising Prices of Stocks in Inflation"

```

Future Scope :

1. Include Image in blog.
2. Improvement in User Interface.
3. Responsiveness.
4. Blog Author Image.
5. SEO Tags
6. Social Share Links.

Distribution Details :

-> The website is currently not hosted on any platform.