

**A PROJECT REPORT ON**

**News Paper**

**SUBMITTED TO :**

**Geetanjali Group of Colleges**

**FRONT END :**

ASP.NET

**BACK END :**

SQL SERVER , C#

**AFFILIATED BY :**

Saurashtra University

**ACADEMIC YEAR :**

2023-2024

**PROJECT GUIDE :**

**Prof. Pranav Trivedi**

**PREPARED BY :**

**Harsh Tankariya**

## INDEX

<u>SR.NO</u>	<u>TOPIC NAME</u>	<u>PAGE NO.</u>
1	Acknowledgement	3
2	Preface	4
3	Project Profile	5
4	System requirement 1) Hardware Requirement 2) Software Requirement	6
5	Data Dictionary	8
6	Entity Relationship	11
7	Data Flow Diagram	12
8	Screen Shots	14
9	Future Enhancement	26
10	Limitation of project	27
11	Test cases of project	28
12	SDLC	29
12	Webliography	31

## ACKNOWLEDGEMENT

- First of all we are sincerely thanked to Saurashtra University for giving a project as a particular subject.
- We are also greatly grateful to our **Geetanjali Group of colleges**.
- We are also greatly grateful to our college. We would like to thanks **Prof. Brijesh Shah (HOD)** for providing us opportunity to prepare this project.
- To complete this project many persons help us. But we are specially thanked to **Prof. Pranav Trivedi** for guiding our project analysis and development. They help our conceptualized the idea of the project and helped us streamline our work by providing us with every facility required.
- Not only college and guide help us but all the well wisher who gives us excellent support in during project.
- Thank to all

Your Faith Fully,  
Harsh Tankariya

## PREFACE

In 21st Century of Technology, Computer and related service is the most useful, automatic and highly speed of work. B.C.A is course in which practical aspect is important as theoretical aspect. In the present world importance of education is increasing. The project training in a student's life is like a live experience in the industry. If we have experience then & then we get top of the level.

Most Important Factor of B.C.A Course is Project Work. The Project Work is Must for Every Student in Different Government or Private Organization during the Study Period.

We are developing project in 5th Semester of B.C.A we are the student of Geetanjali Group of Colleges Is Affiliated with Saurashtra University, Rajkot.

We are create this project dynamic and in this project we provide insert, update and delete operation on admin side and select at client side so user can easily show site and give feedback. In client side only feedback can add other any page can't perform add operation.

We have gone through and study necessary information, which is collected and presented in this report. We are trying our best in this project. We have taken almost care that are information provided in the project is true and project is in a smooth running condition and error free.

## **Profile of project**

<b>Project Title</b>	:	News Paper
<b>Development Software</b>	:	Visual Studio
<b>Front End</b>	:	ASP.NET
<b>Backend</b>	:	SQL SERVER , C#
<b>Academic Year</b>	:	2023-20234
<b>Developed By</b>	:	Harsh Tankariya
<b>Submitted To</b>	:	Geetanjali College
<b>Documentation Tool</b>	:	Microsoft Word
<b>Operating System</b>	:	Windows

## SYSTEM REQUIREMENT

There are two types of system requirement.

-Hardware

-Software

### ○ Hardware:-

- Processor:-

8 Bit, 2 core, 1.2 GHz or higher.

- RAM:-

4GB for development and evaluation use or more

- Hard disk:-

100 MB or More

## ○ Software:-

- Platform:-

Windows

- Operating system:-

Windows 10 profession or any

- Front End tool:-

ASP.NET

- Back end tool:-

SQL server

- Editing tool:-

Microsoft visual web developer 2010 Express  
Edition

- Browser:-

Internet Explorer or

Mozilla Firefox or

Google Chrome or Any browser

## DATA DICTIONARY

### admin:-

Field Name	Data Type	Description
user_id	int	Take id
username	varchar(50)	Take username
password	varchar(50)	Take password

### Feedback:-

Field Name	Data Type	Description
id	int	id
name	varchar(50)	Take name
email	varchar(50)	Take email
message	varchar(50)	Take message

### Breaking\_news\_table:-

Field Name	Data Type	Description
newsdate	varchar(50)	Take news date
newst	varchar(Max)	Take news title
newsd	varchar(Max)	Take news detail



## Businnes\_news\_table:-

Field Name	Data Type	Description
newsdate	varchar(50)	Take news date
newst	varchar(Max)	Take news title
newsd	varchar(Max)	Take news detail

## Political\_news\_table:-

FieldName	DataType	Description
newsdate	varchar(50)	Take news date
newst	varchar(Max)	Take news title
newsd	varchar(Max)	Take news detail

## Sharmarket\_news\_table :-

FieldName	DataType	Description
newsdate	varchar(50)	Take news date
newst	varchar(Max)	Take news title
newsd	varchar(Max)	Take news detail

## Top\_news\_table:-

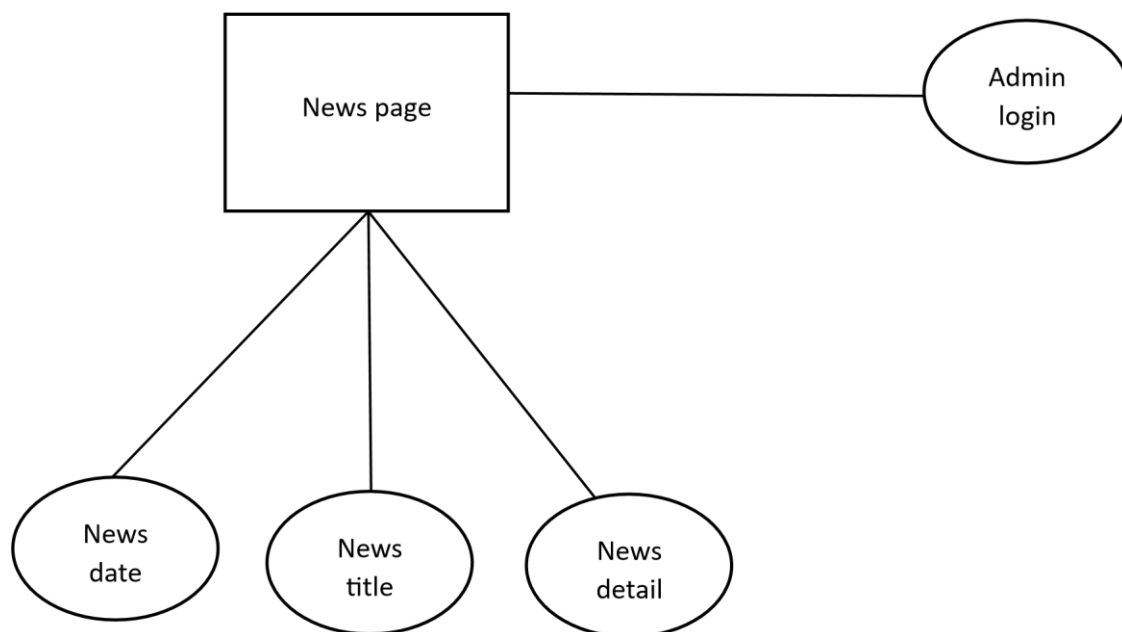
FieldName	DataType	Description
newsdate	varchar(50)	Take news date
newst	varchar(Max)	Take news title
newsd	varchar(Max)	Take news detail

## Sports\_news\_table:-

FieldName	DataType	Description
newsdate	varchar(50)	Take news date
newst	varchar(Max)	Take news title
newsd	varchar(Max)	Take news detail

## E-R Diagram

An entity Relationship Diagram (ERD) is a data modeling technique that graphically illustrates an information system's entities and the relationship between those entities. An ERD is a conceptual and representation model of data used to represent the entity from work infrastructure.

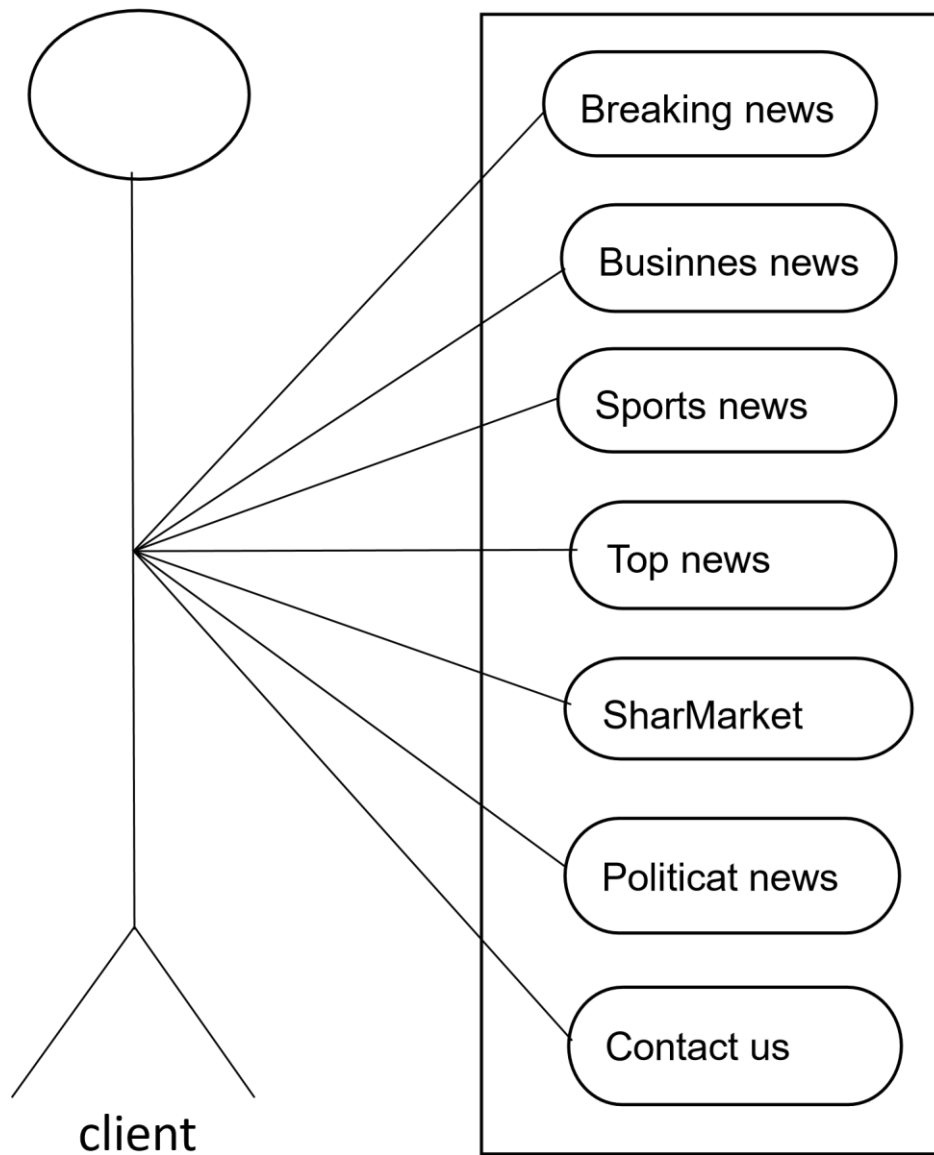


## DATA FLOW DIAGRAM

Admin Side:-



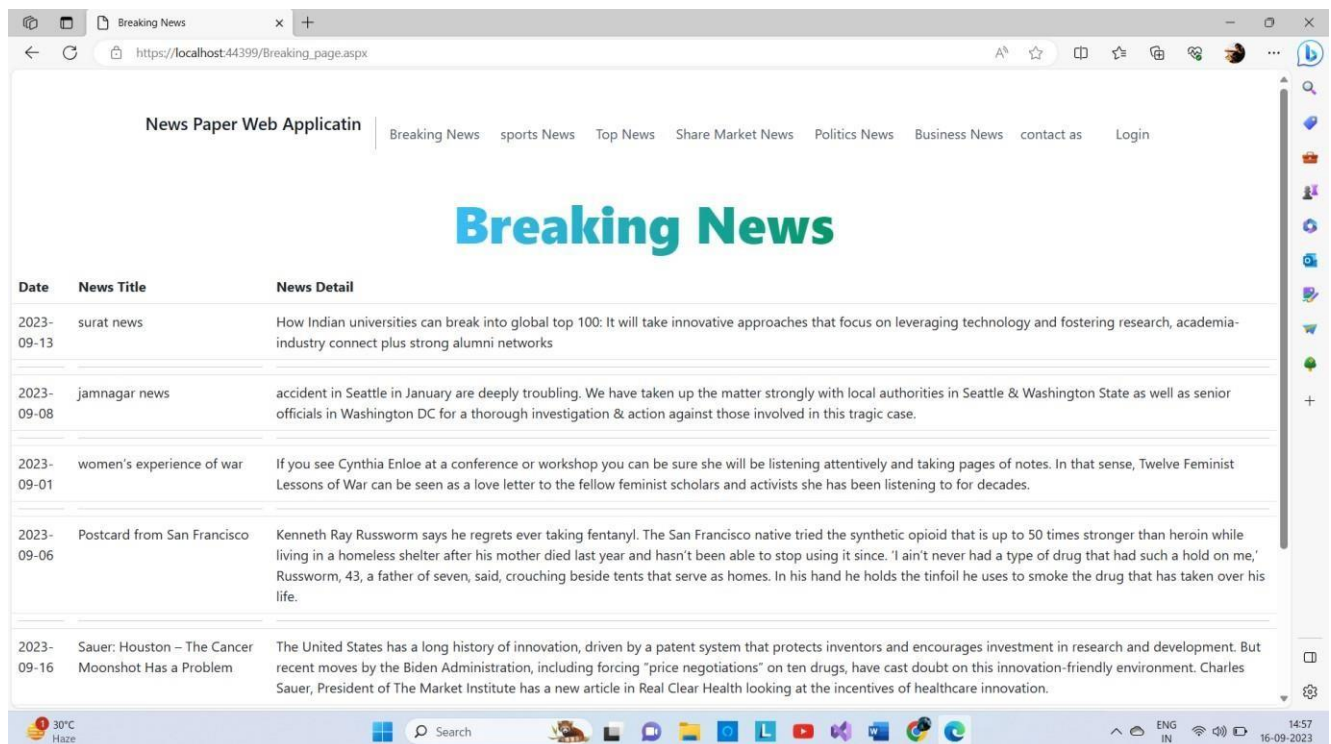
## Client Side:-



## SCREEN SHOT

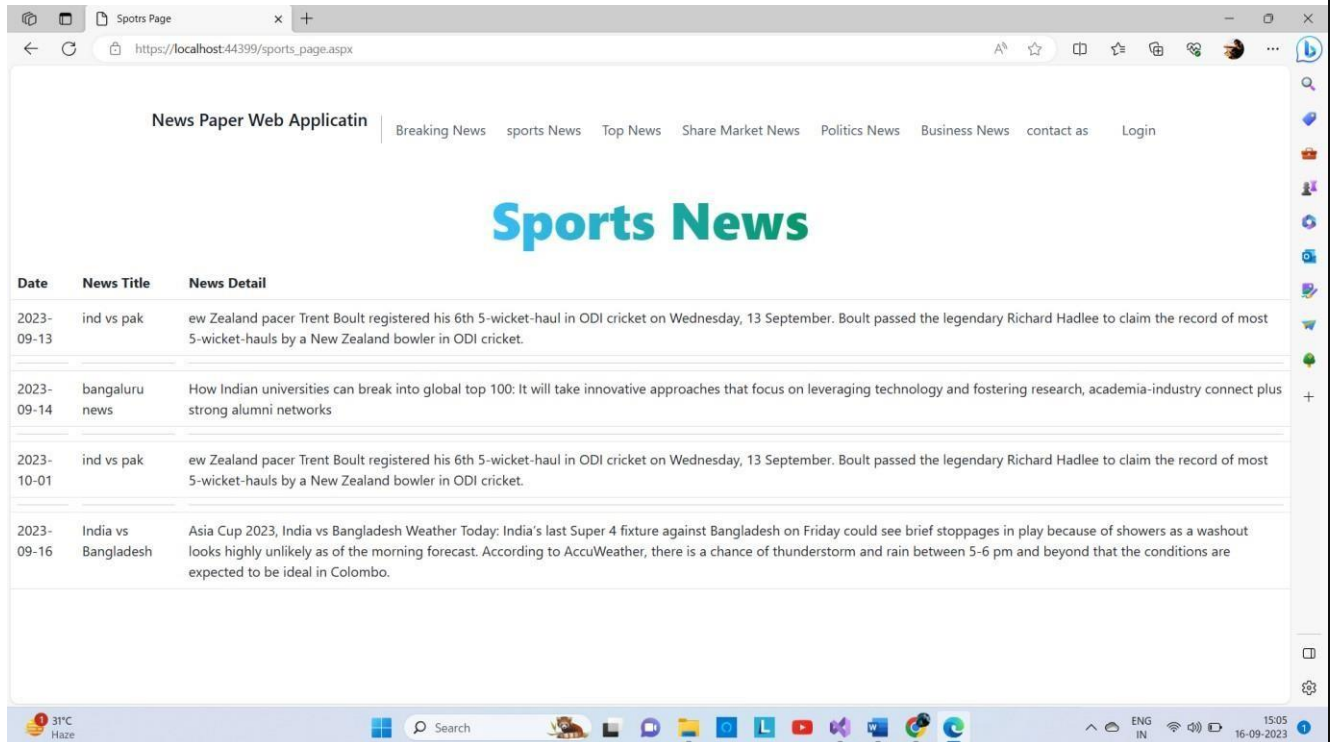
### + Clint Side:-

#### Breaking News Page:-



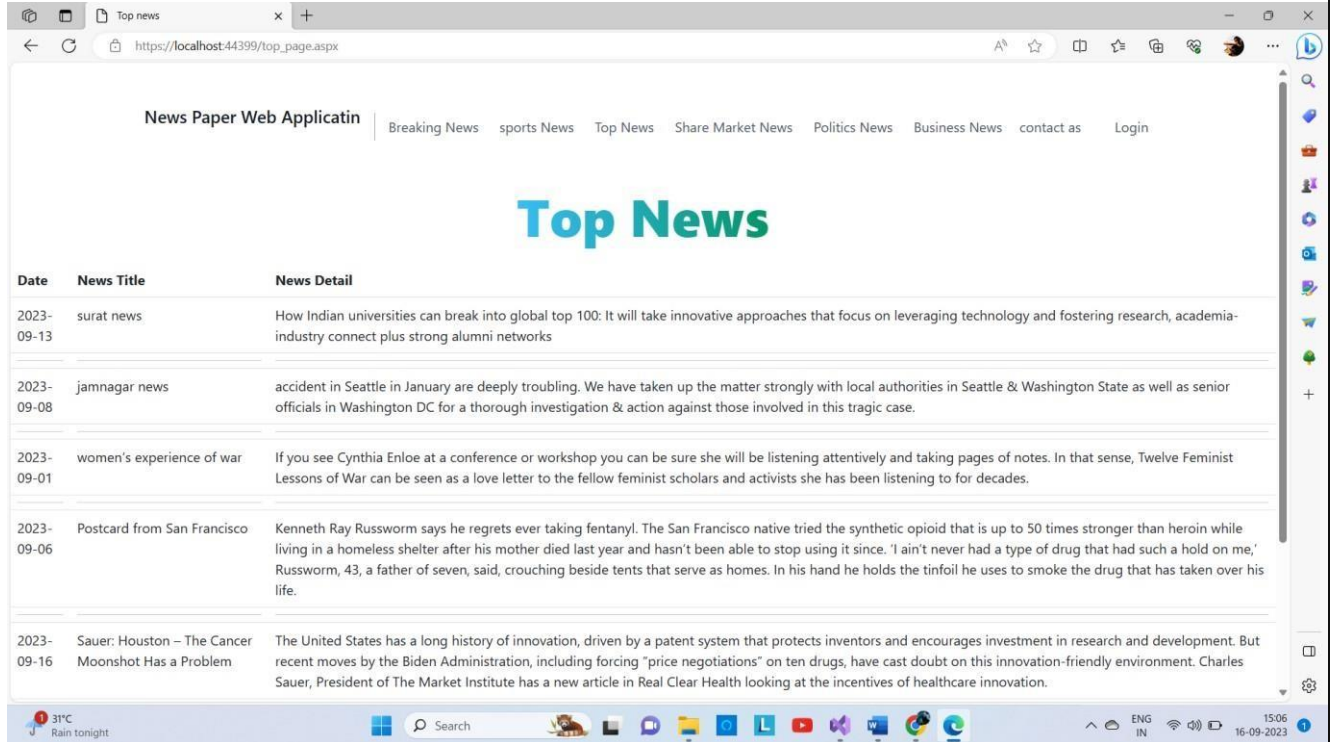
- This screen is the first screen.
- User can see the all the menu bar on a first screen . Home, Breaking news sports , top , stock market news business news and login page
- User read and use easiest way and see news date newstitle and news detail .

## Sport News Page:-



- This screen is the second screen it's sport news page.
- user reader latest sports news as well as cricket football table tennis etx...

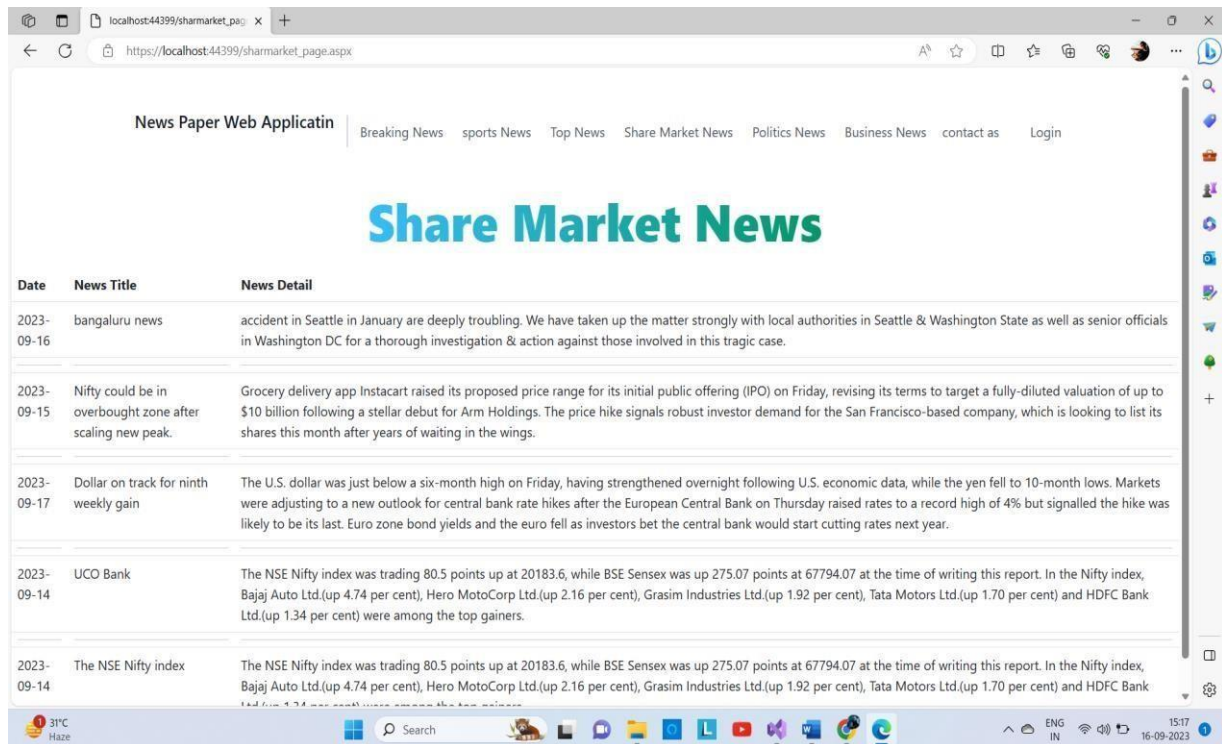
Top news page :-



- This is Top news page in this page user read to day top 10 news or top 20 news.
- It's news page a provide all best news as day



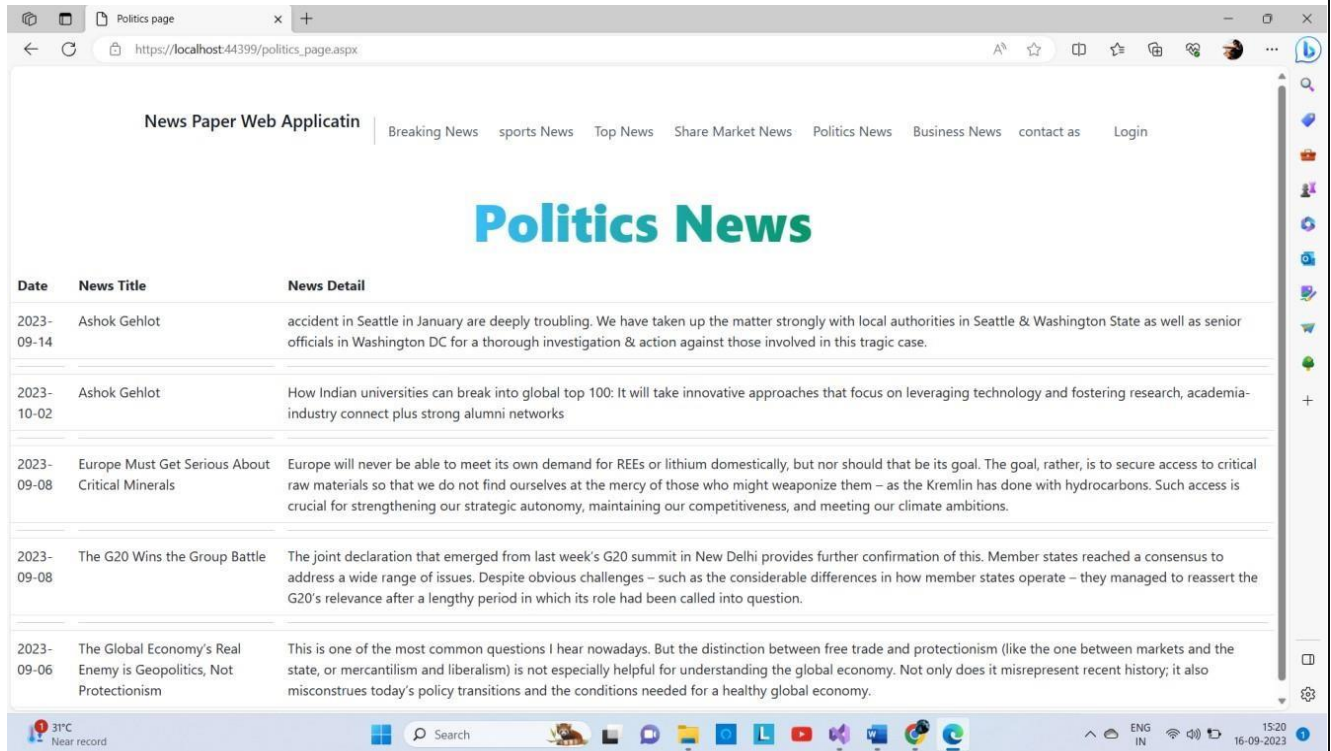
## Share market page:-



Date	News Title	News Detail
2023-09-16	bangaluru news	accident in Seattle in January are deeply troubling. We have taken up the matter strongly with local authorities in Seattle & Washington State as well as senior officials in Washington DC for a thorough investigation & action against those involved in this tragic case.
2023-09-15	Nifty could be in overbought zone after scaling new peak.	Grocery delivery app Instacart raised its proposed price range for its initial public offering (IPO) on Friday, revising its terms to target a fully-diluted valuation of up to \$10 billion following a stellar debut for Arm Holdings. The price hike signals robust investor demand for the San Francisco-based company, which is looking to list its shares this month after years of waiting in the wings.
2023-09-17	Dollar on track for ninth weekly gain	The U.S. dollar was just below a six-month high on Friday, having strengthened overnight following U.S. economic data, while the yen fell to 10-month lows. Markets were adjusting to a new outlook for central bank rate hikes after the European Central Bank on Thursday raised rates to a record high of 4% but signalled the hike was likely to be its last. Euro zone bond yields and the euro fell as investors bet the central bank would start cutting rates next year.
2023-09-14	UCO Bank	The NSE Nifty index was trading 80.5 points up at 20183.6, while BSE Sensex was up 275.07 points at 67794.07 at the time of writing this report. In the Nifty index, Bajaj Auto Ltd.(up 4.74 per cent), Hero MotoCorp Ltd.(up 2.16 per cent), Grasim Industries Ltd.(up 1.92 per cent), Tata Motors Ltd.(up 1.70 per cent) and HDFC Bank Ltd.(up 1.34 per cent) were among the top gainers.
2023-09-14	The NSE Nifty index	The NSE Nifty index was trading 80.5 points up at 20183.6, while BSE Sensex was up 275.07 points at 67794.07 at the time of writing this report. In the Nifty index, Bajaj Auto Ltd.(up 4.74 per cent), Hero MotoCorp Ltd.(up 2.16 per cent), Grasim Industries Ltd.(up 1.92 per cent), Tata Motors Ltd.(up 1.70 per cent) and HDFC Bank Ltd.(up 1.34 per cent) were among the top gainers.

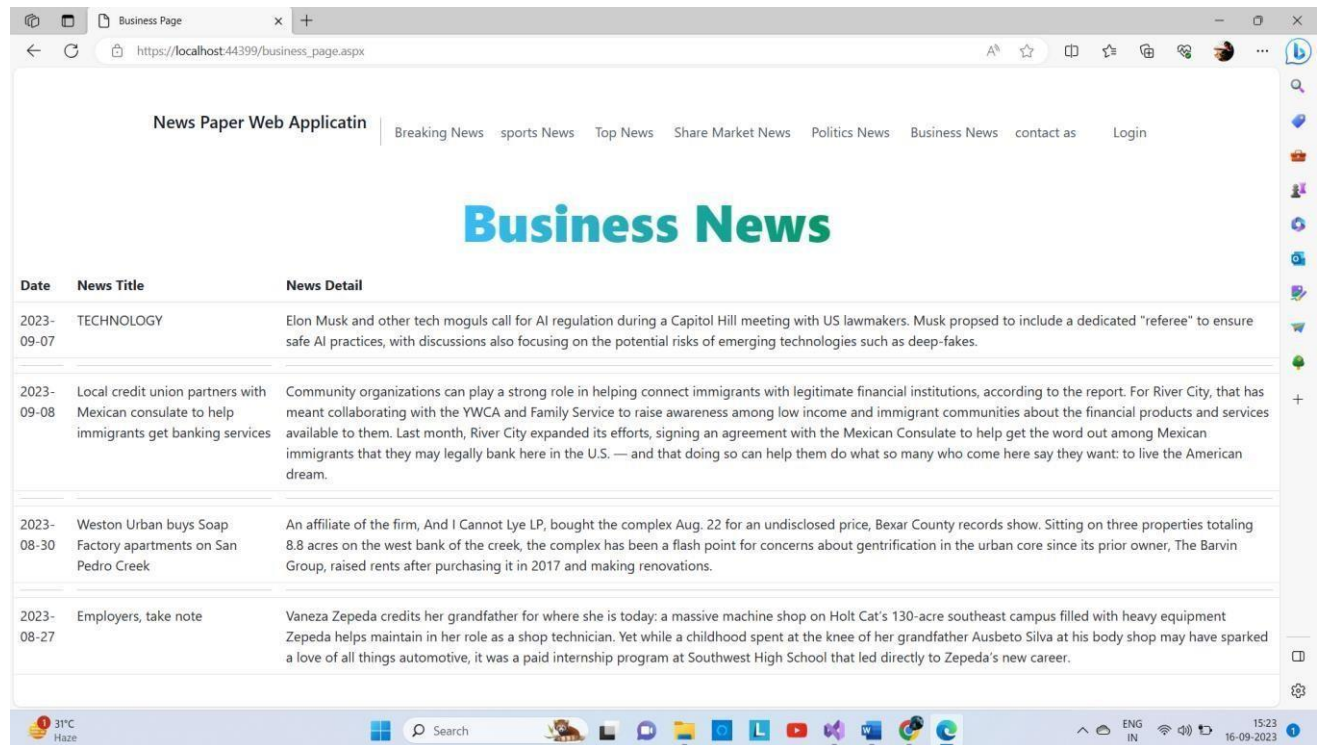
- This is this is stock market or sharmarket news page.
- In this page user read all ipo , sem , stocks news , stock detail and new letest market news

## Politics news Page:-



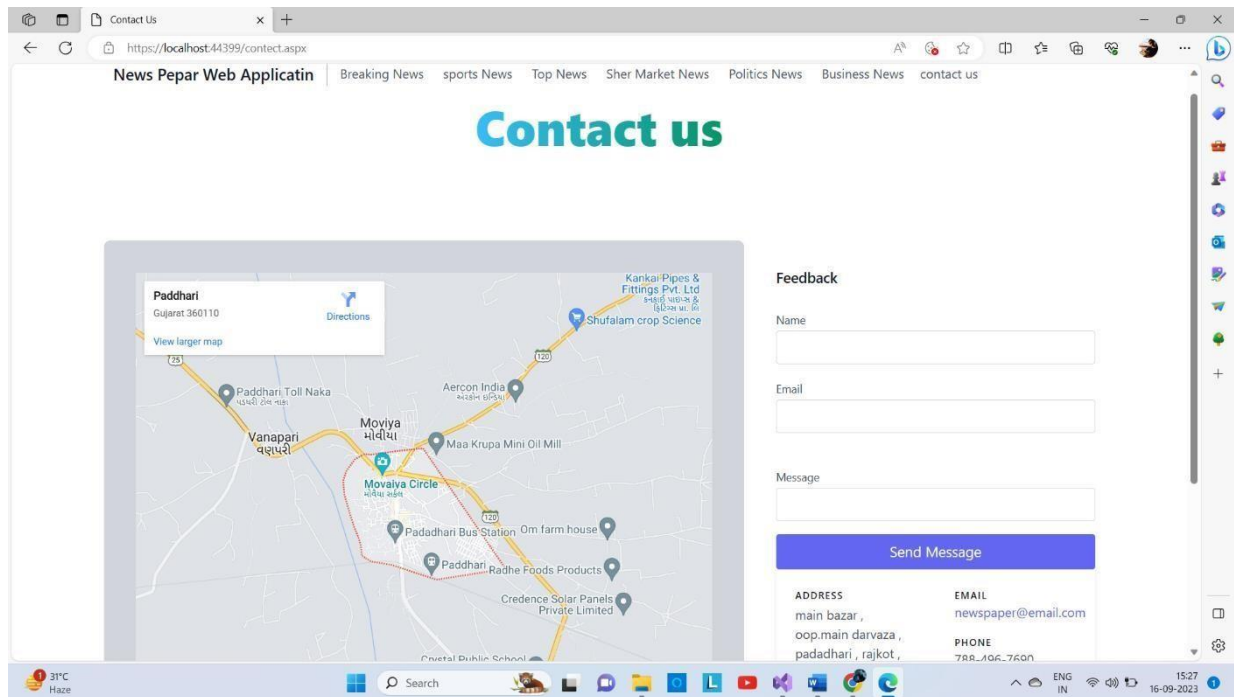
- This politics news page is provide user to read allover world politics news in this page
- This page to read global economy or politics news .

Business news page:-



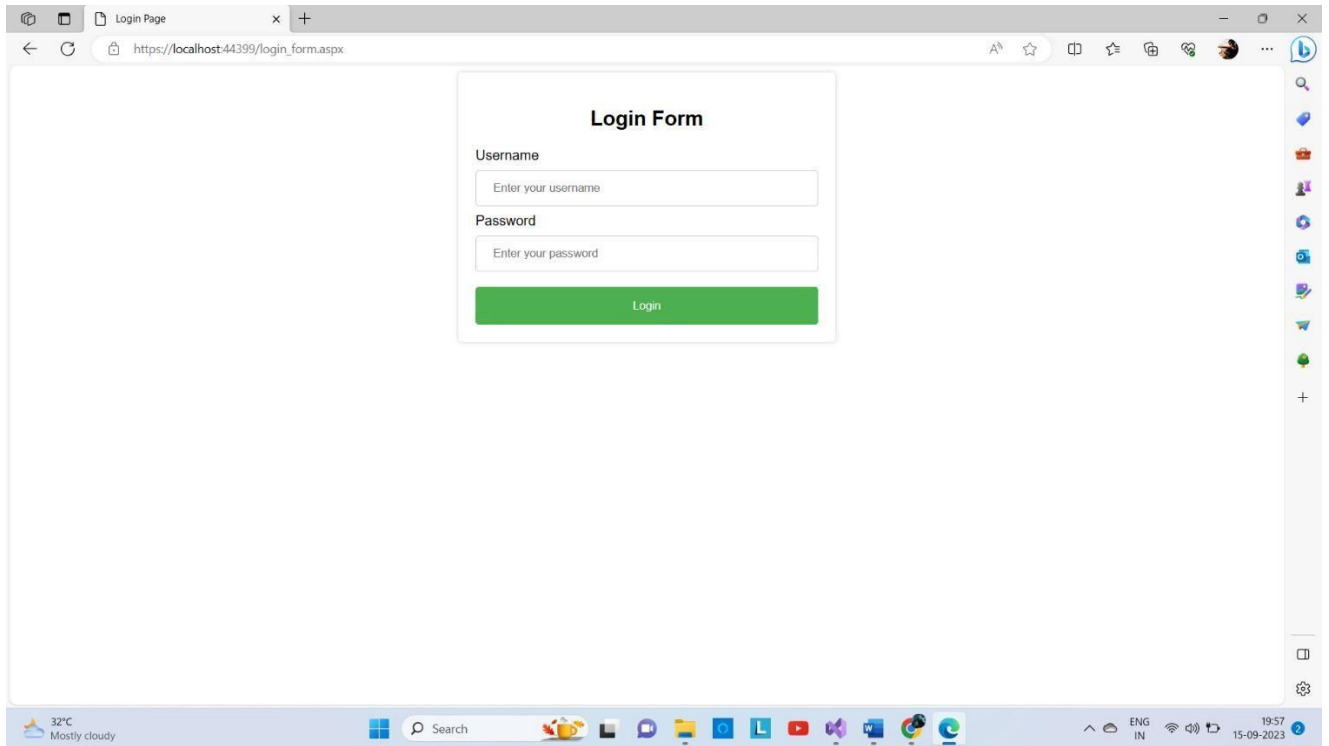
- This is Business news page.
- It provide a all business news user read easiest way all news  
Example for Technology business or aur new strategy for business .

## Contact us Page:-



- This screen is contact page it's help for user need a address , contact number Or E-mail most helpful easy for contact .
- In this page user send it's feedback and admin side show it message.

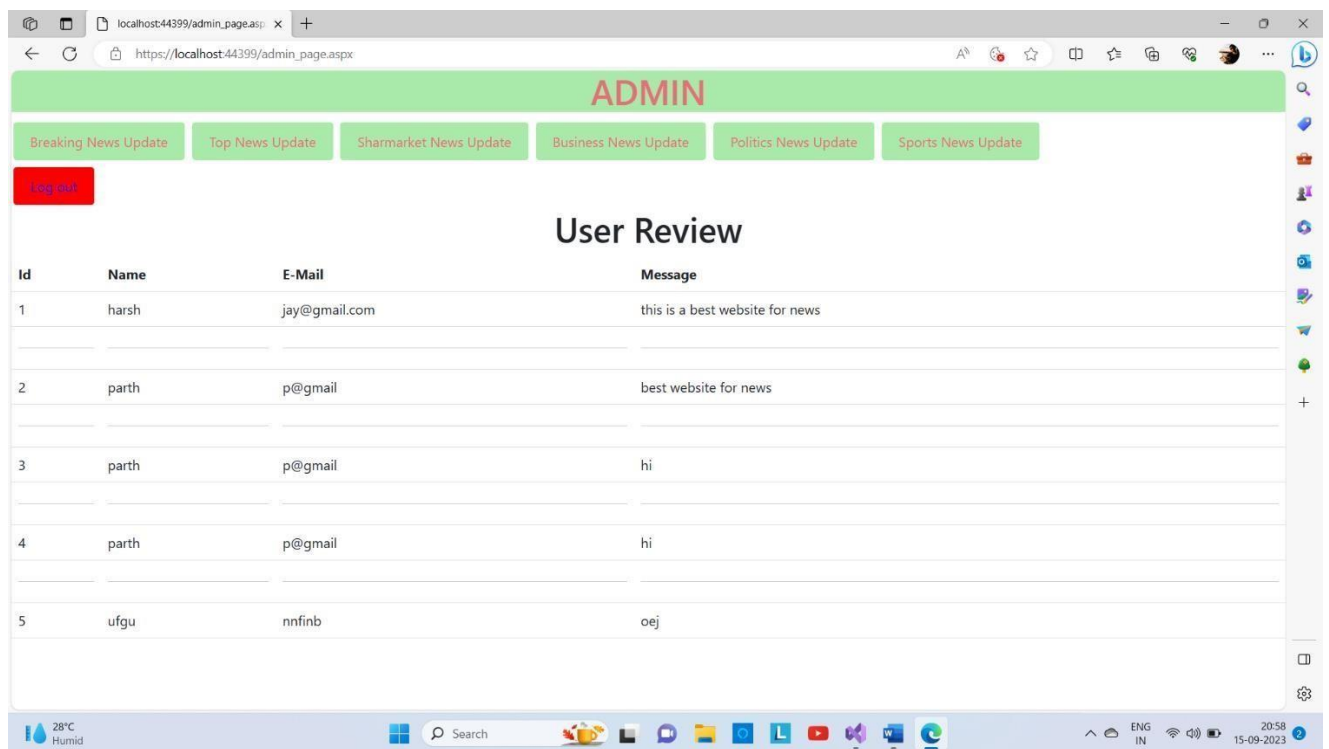
## Admin Page:-



- This is a login page only admin can login this page and it's control the admin panel .

## + Admin Side:-

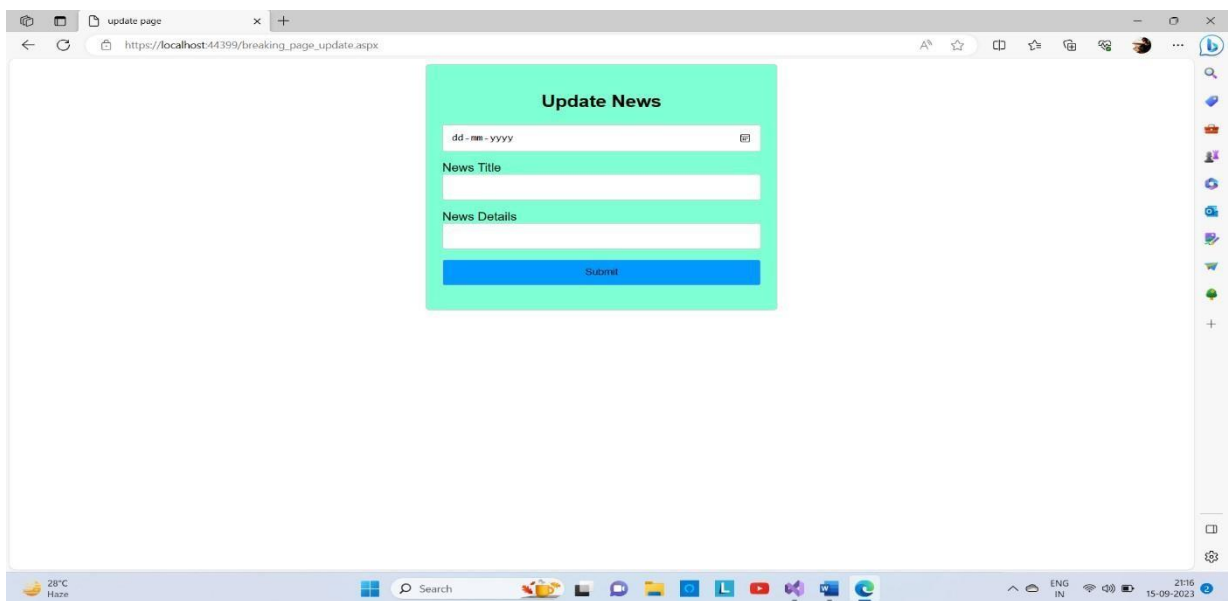
Admin panel :-



○ This is a Admin Side Home page.

Admin can handle all the pages for a Breaking news , Businnes news , sports news , Politics news , share market news , top news and admin read message to send user it's Feedback

## ○ news add form Page:-



The screenshot shows a web browser window with the address bar displaying `http://localhost:44399/breaking_page_update.aspx`. The browser tab is labeled 'update page'. The main content area displays a form titled 'Update News' with a light green background. The form contains the following fields and elements:

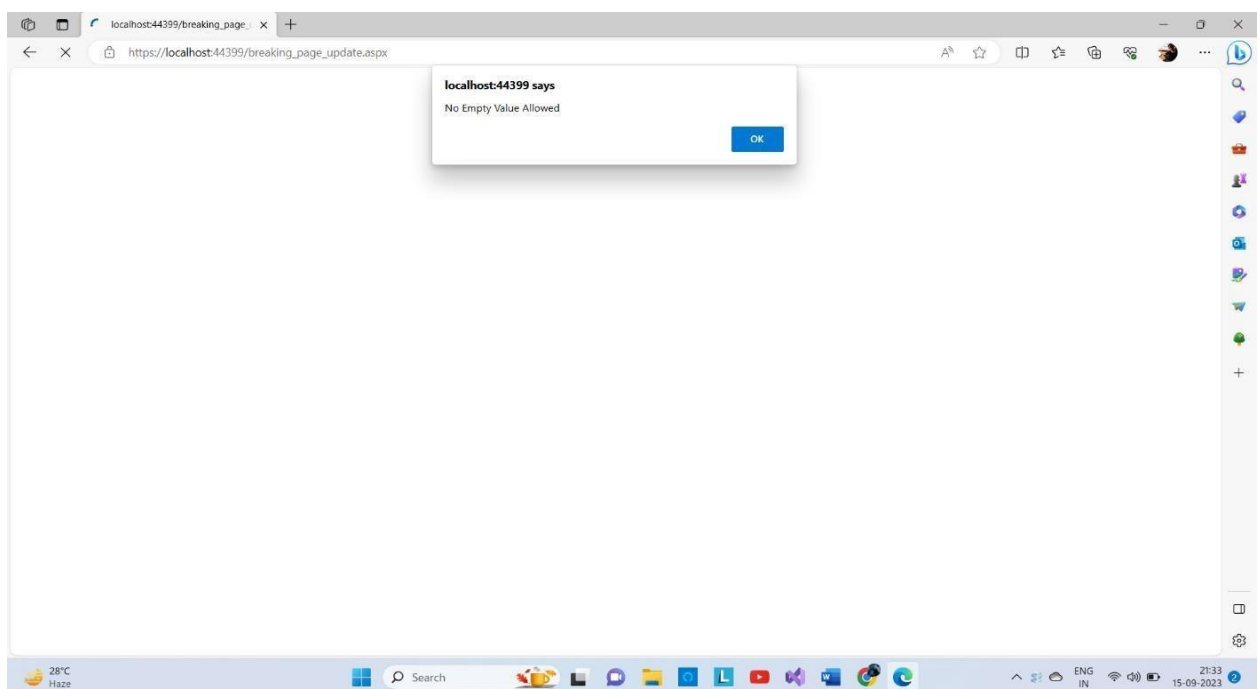
- A date input field with the placeholder text 'dd-mm-yyyy' and a calendar icon.
- A text input field labeled 'News Title'.
- A text input field labeled 'News Details'.
- A blue button labeled 'Submit'.

The Windows taskbar is visible at the bottom, showing the system clock as 21:16 on 15-09-2023, and the weather as 28°C Haze.

- This form to use admin is add new news from all news pages ..
- In this form use to so easy fill the date for news add news title And add news detail and click submit button add news .
- This form is use to all news page add news ..

Alert message box :-

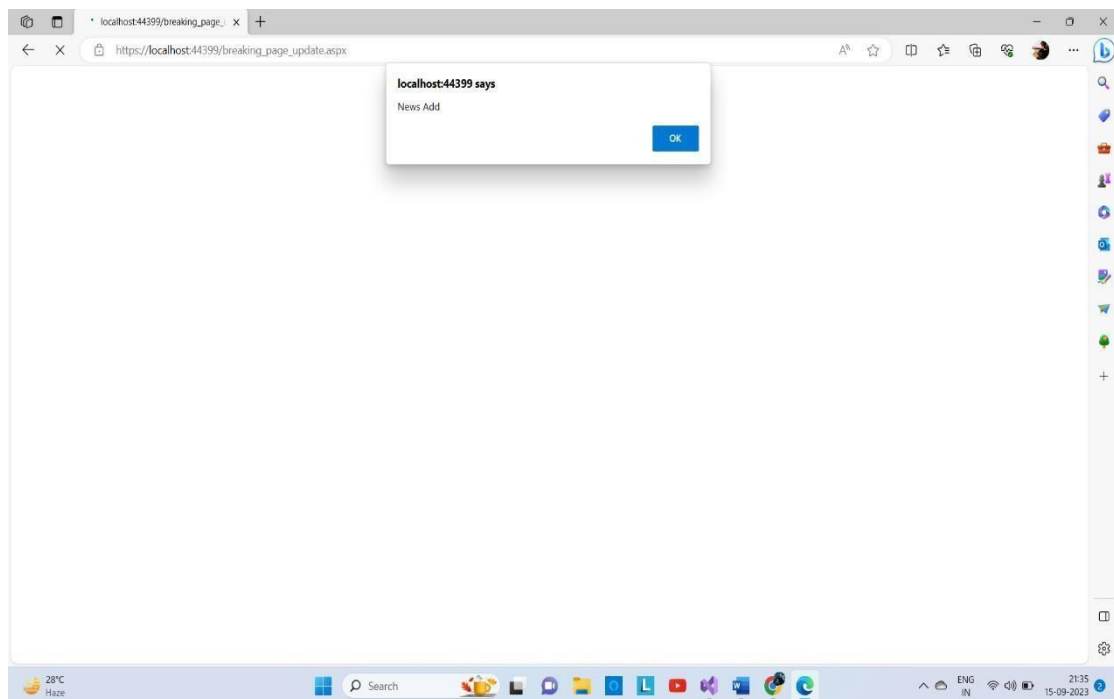
Box :- 1



- This alert box will be display to not empty value enter the databace.



## Box :- 2



- This alert box will display to add news is successfully.

### **FUTURE ENHANCEMENT: -**

- ⇒ We will provide facility to user download news pdf
- ⇒ Live display news in on screen .
- ⇒ User can see news vary fast .
- ⇒ User can share the news another people.

### **Limitation of project :-**

- ⇒ User read news it can not download news PDF .
- ⇒ User can not view image for news .
- ⇒ User can not redirect any other news link .

## Test cases

Case name	Case description	Actual output	Test result
Login	A Window with a two text box user name or password .	Write correct username or password and login successfully	pass
Dashboard	A page that use to insert data	A page thst use to insert whole website .	Pass
News page	A page that display databace content	A page that display all news information	pass

## Software development life cycle ( SDLC )

### 1. Project Initiation:

- Define the project's objectives, scope, and requirements.
- Identify key stakeholders and establish communication channels

### 2. Planning:

- Create a project plan outlining tasks, timelines, and resource allocation.
- Define the technology stack, including ASP.NET for web development.
- Determine the project budget and allocate resources.

### 3. Requirement Gathering:

- Collaborate with stakeholders to gather detailed requirements for the newspaper website.
- Define features such as user registration, news article publishing, commenting and more.
- Document user stories, use cases, and functional specifications.

### 4. System Design:

- Create a system architecture design.
- Design the database schema for storing articles and other information.
- Plan the website's user interface (UI) design and user experience (UX).

### 5. Development:

- Develop the newspaper website using ASP.NET.
- Develop features for publishing news articles.
- Ensure responsive design for various devices and browsers.
- Implement unit testing and debugging to ensure code quality.

### 6. Testing:

- Perform functional testing to ensure that all features work as intended.
- Conduct usability testing to evaluate the user experience.
- Carry out performance testing to optimize website speed and responsiveness.
- Fix bugs and issues identified during testing.

### 7. Deployment:

- Prepare the production environment for hosting the website.
- Deploy the ASP.NET application on a web server.
- Configure databases and web servers for optimal performance.

### 8. Maintenance and Support:

- Establish a process for ongoing maintenance and support.
- Address user feedback and bug reports promptly.
- Regularly update the website with new features and content.
- Monitor website performance and security.

### 9. Project Closure:

- Evaluate the project's success against initial objectives.
- Create documentation for future reference and maintenance.
- Conduct a post-implementation review with stakeholders.
- Archive project files and release resources.

## WEBBLIOGRAPHY

[www.youtube.com](http://www.youtube.com)

We use this website to solve some error and other some tutorials for effects..

[www.w3school.com](http://www.w3school.com)

We use this website to fontend design..

[www.timesofindia.com](http://www.timesofindia.com)

We use to read news for this website





# News Paper

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