A PROJECT REPORT ON

Stock Market Learning

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. Kishorsinh vala

PREPARED BY :

Tankariya Harsh Jiteshbhai

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. Kishorsinh vala** 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 6th 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.

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Stock Market Learning

Profile of project

Project Title	:	Stock Market Learning
Development Software	:	Visual Studio 2022
Front End	:	ASP.NET
Backend	:	SQL SERVER , C#
Academic Year	:	2023-2024
Developed By	:	Harsh Tankariya
Submitted To	:	Geetanjali College
Documentation Tool	:	Microsoft Word
Operating System	:	Windows

Software Development Life Cycle (SDLC)

1. Project Initiation:

- Define the project's goals, objectives, and scope for the stock market learning website.

- Identify key stakeholders and establish communication channels.

- Perform a feasibility study to ensure the viability of the project.

2. Planning:

- Develop a project plan outlining tasks, timelines, and resource allocation.

- Identify and allocate necessary resources, including developers, content creators, and subject matter experts.

- Determine the technology stack, specifying the use of ASP.NET for web development.

- Identify potential risks and create a risk mitigation plan.

3. Requirement Gathering:

- Collaborate with stakeholders to gather detailed requirements for the stock market learning website.

- Define features such as user registration, course management, interactive learning modules, quizzes, progress tracking, and forums.

- Document user stories, use cases, and functional specifications.

4. System Design:

- Create a system architecture design for the website.

- Plan the website's user interface (UI) design and user experience (UX).

- Define security measures to protect user data and ensure a secure learning environment.

5. Development:

- Develop the stock market learning website using ASP.NET.

- Develop features for browsing and enrolling in courses, accessing learning materials

- Implement responsive design for various devices and browsers.

- Conduct unit testing and debugging to ensure code quality.

6. Testing:

- Perform functional testing to ensure all features work as intended.

- Test the performance of the website to ensure optimal speed and responsiveness.

- Fix bugs and issues identified during testing.

7. Deployment:

- Prepare the production environment for hosting the stock market learning 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 courses, content, and features.

- Monitor website performance and security.

9. Project Closure:

- Evaluate the success of the project against initial objectives.

- Create documentation for future reference and maintenance.

- Conduct a post-implementation review with stakeholders.

- Archive project files and release resources.

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

Database Tables :

- admin
- feedback
- market_news_table
- ipo_news _table
- sme_news_table

admin:-

Field Name	Data Type	Constraints
user_id	int	-
username	varchar(50)	-
password	varchar(50)	-

Feedback:-

Field Name	Data Type	Constraints
id	int	-
name	varchar(50)	-
email	varchar(50)	-
message	varchar(50)	-

Market_news_table:-

Field Name	Data Type	Constraints
newsdate	varchar(50)	-
newst	varchar(Max)	-
newsd	varchar(Max)	-

ipo_news_table:-

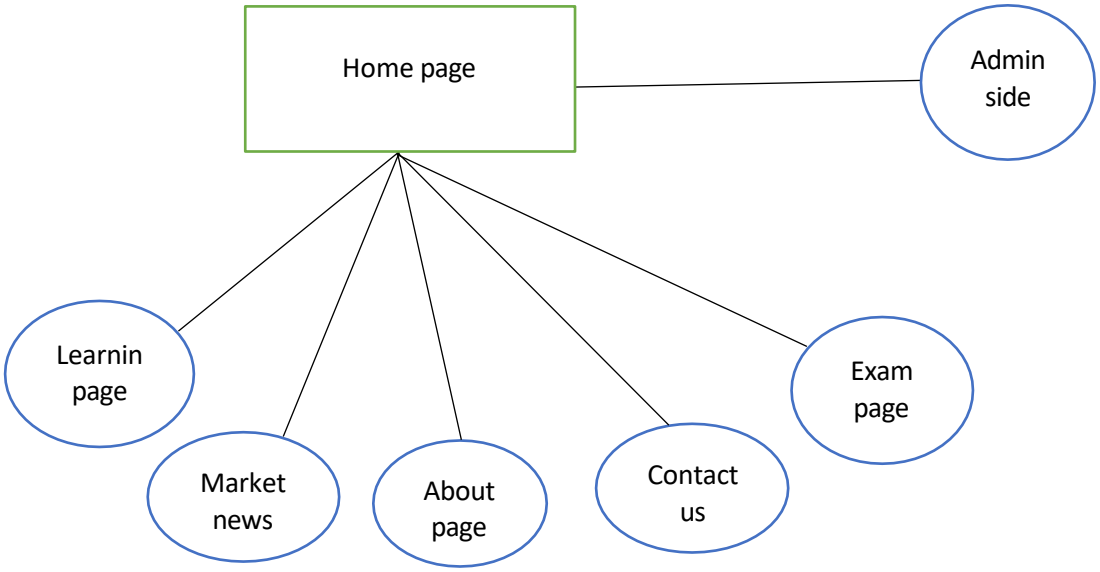
Field Name	Data Type	Constraints
Company Name	varchar(50)	-
Open Date	varchar(Max)	-
Close Date	varchar(Max)	-
Listing Date	varchar(Max)	-
Lot size	varchar(Max)	-
allotment	varchar(Max)	-
Listing At	varchar(Max)	-
Total Issue Size	varchar(Max)	-
Credit of Shares to Demat	varchar(Max)	-
Initiation of Refunds	varchar(Max)	-

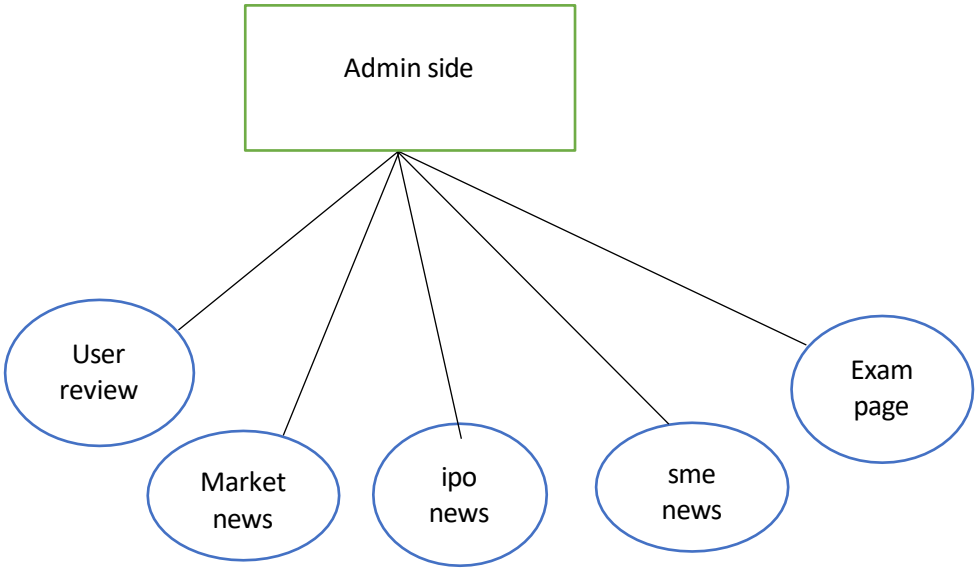
sme_news_table:-

Field Name	Data Type	Constraints
Company Name	varchar(50)	-
Open Date	varchar(Max)	-
Close Date	varchar(Max)	-
Listing Date	varchar(Max)	-
Lot size	varchar(Max)	-
allotment	varchar(Max)	-
Listing At	varchar(Max)	-
Total Issue Size	varchar(Max)	-
Credit of Shares to Demat	varchar(Max)	-
Initiation of Refunds	varchar(Max)	-

E-R Diagram

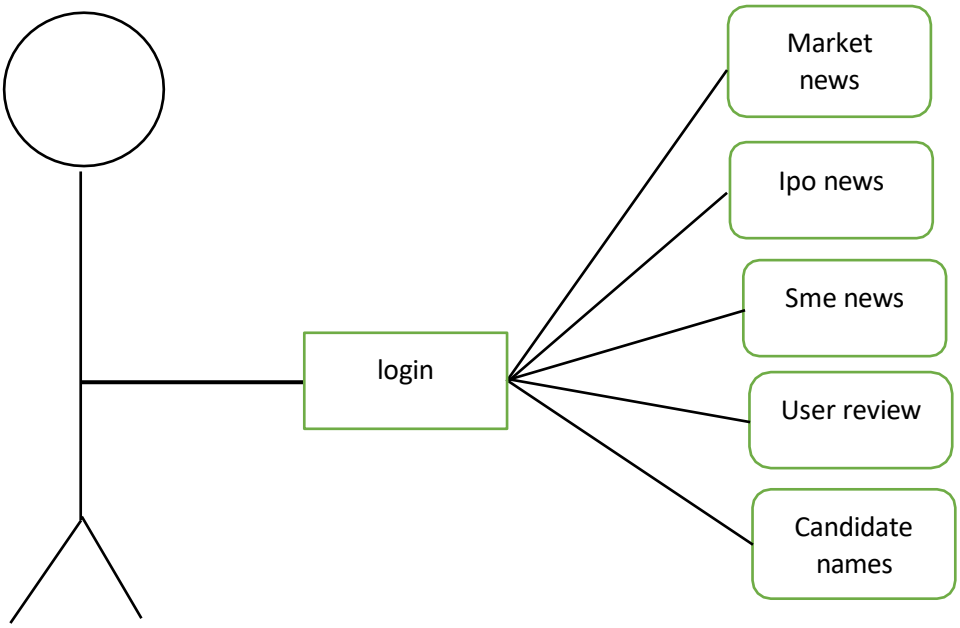
An entity Relationship Diagram (ERD) is a data modeling technique that graphically illustrates an information system's entities and the relationship between those entities . An ERD is a conceptual and representation model of data used to represent the entity from work infrastructure .



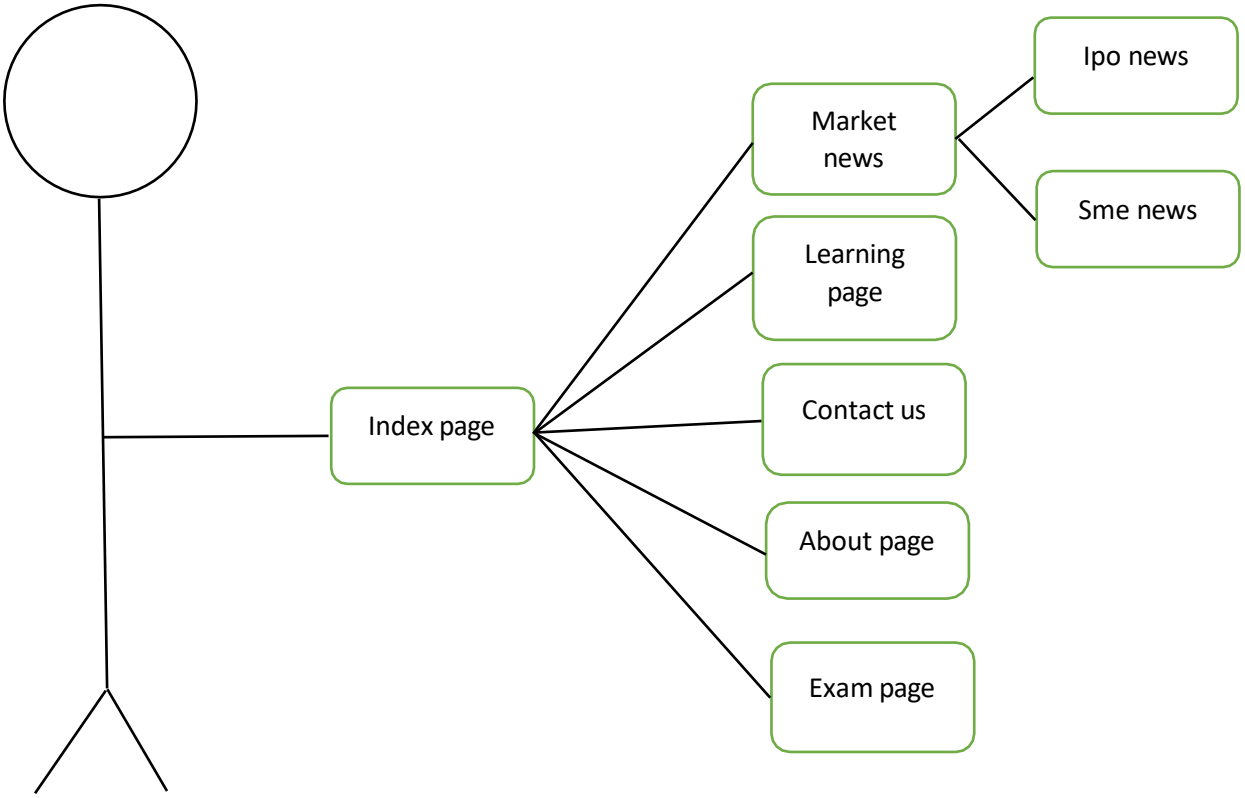


DATA FLOW DIAGRAM

Admin Side:-



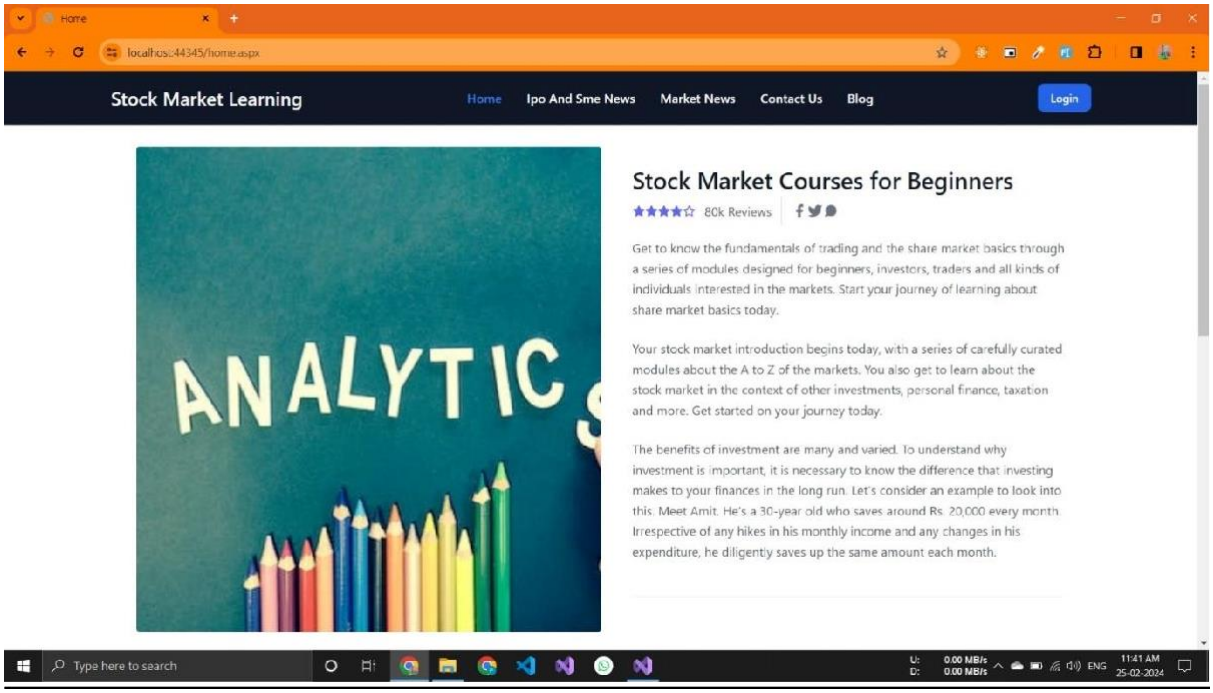
Client Side:-



SCREEN SHOT

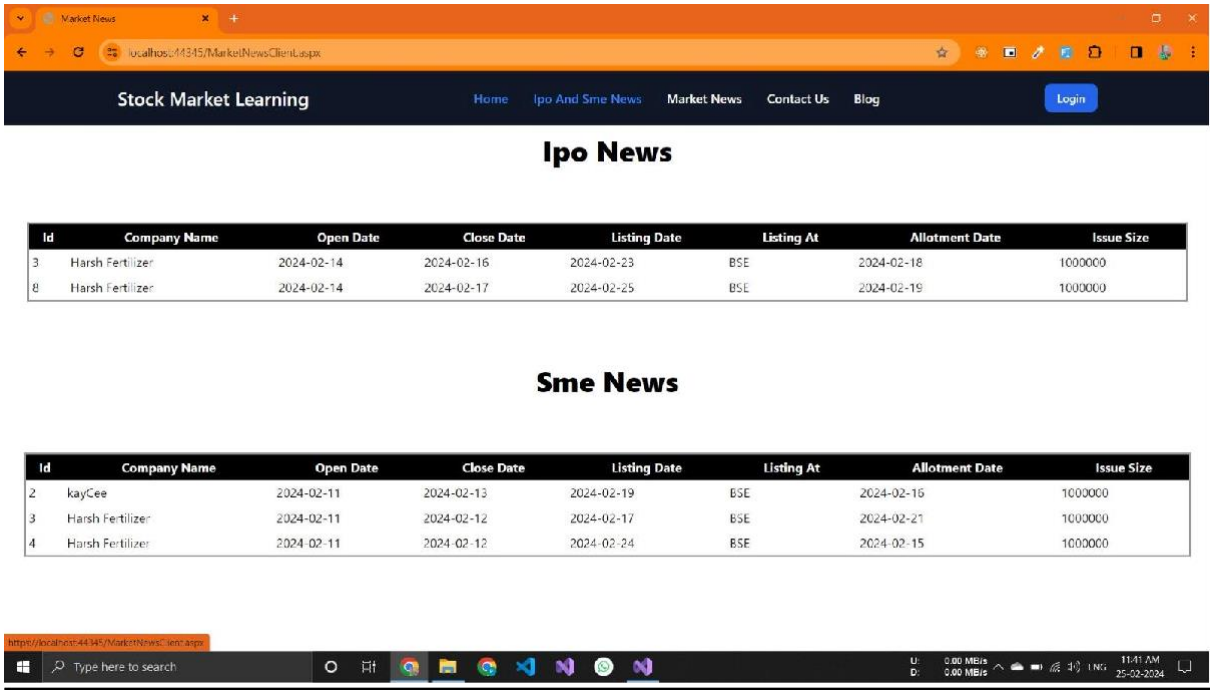
Client Side:-

Home page :-



- This is home page of website.
- In This Page You Show Stock Market Basic Information
- This Page You Learn Basic Information of Stock

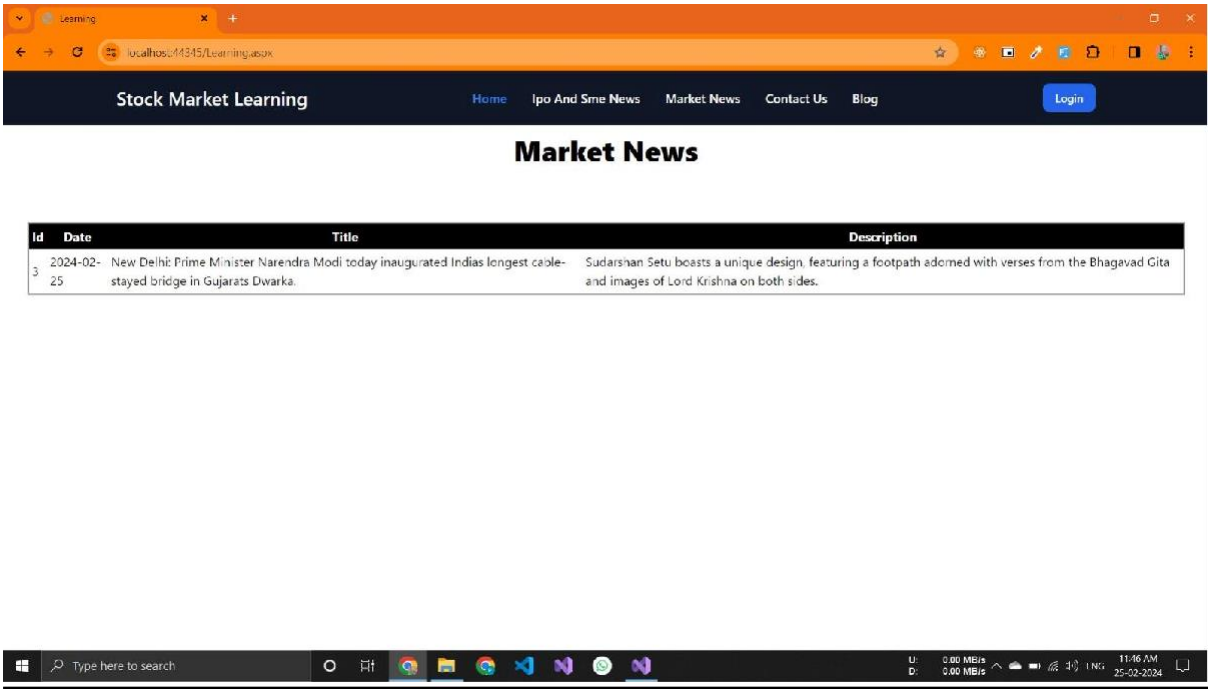
Ipo And Sme News page :-



- User can see all the ipo and sme details here like company name,price,open date,close date,allotment date and listing date.

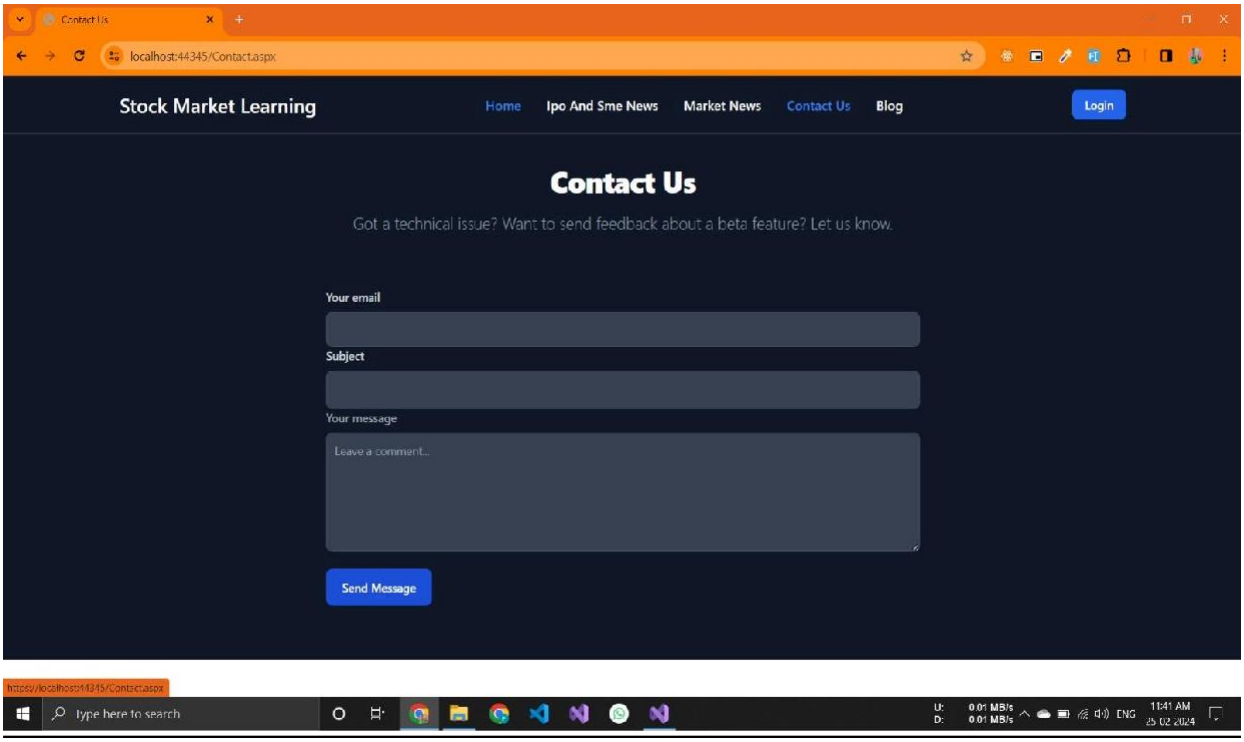
- this page user is the read all about information IPO and

Market News page :-



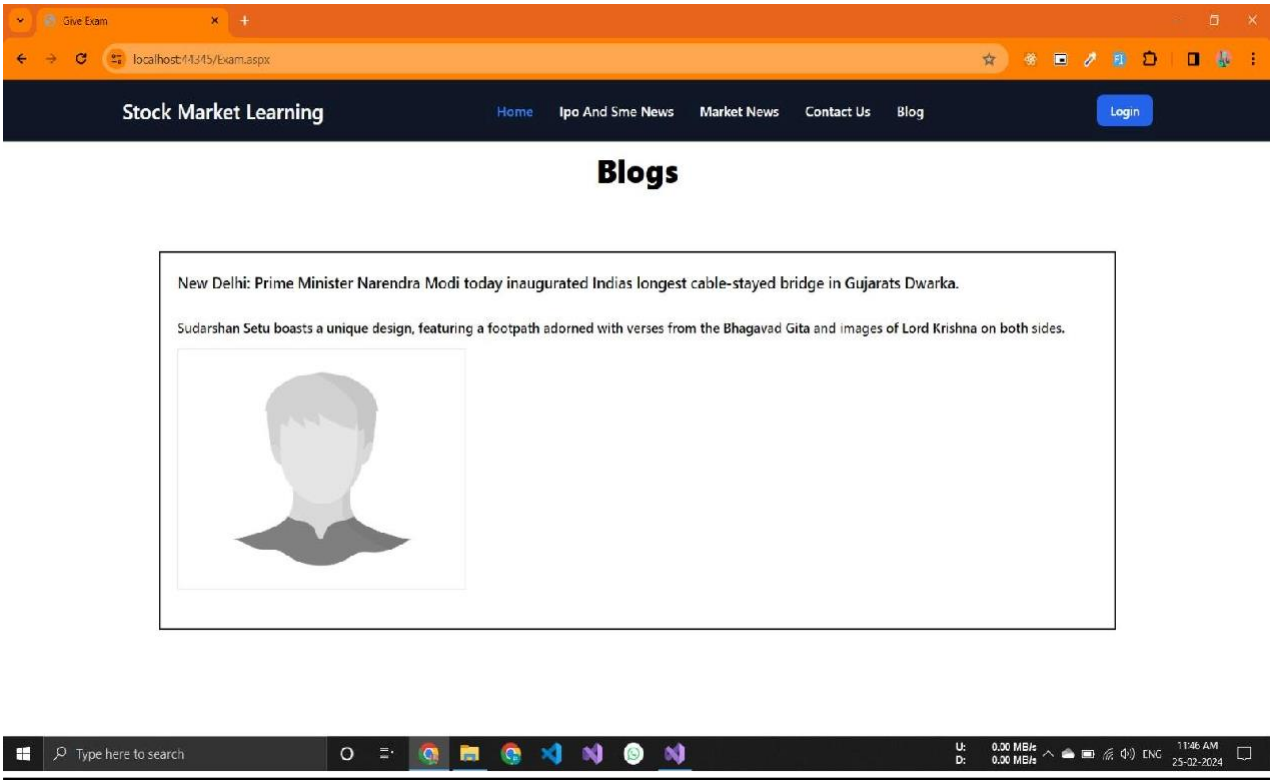
- This Is a Market News Page
- In This Page User Is Read Market News
- User Can Read Latest News In This Batch

Contact Us page :-



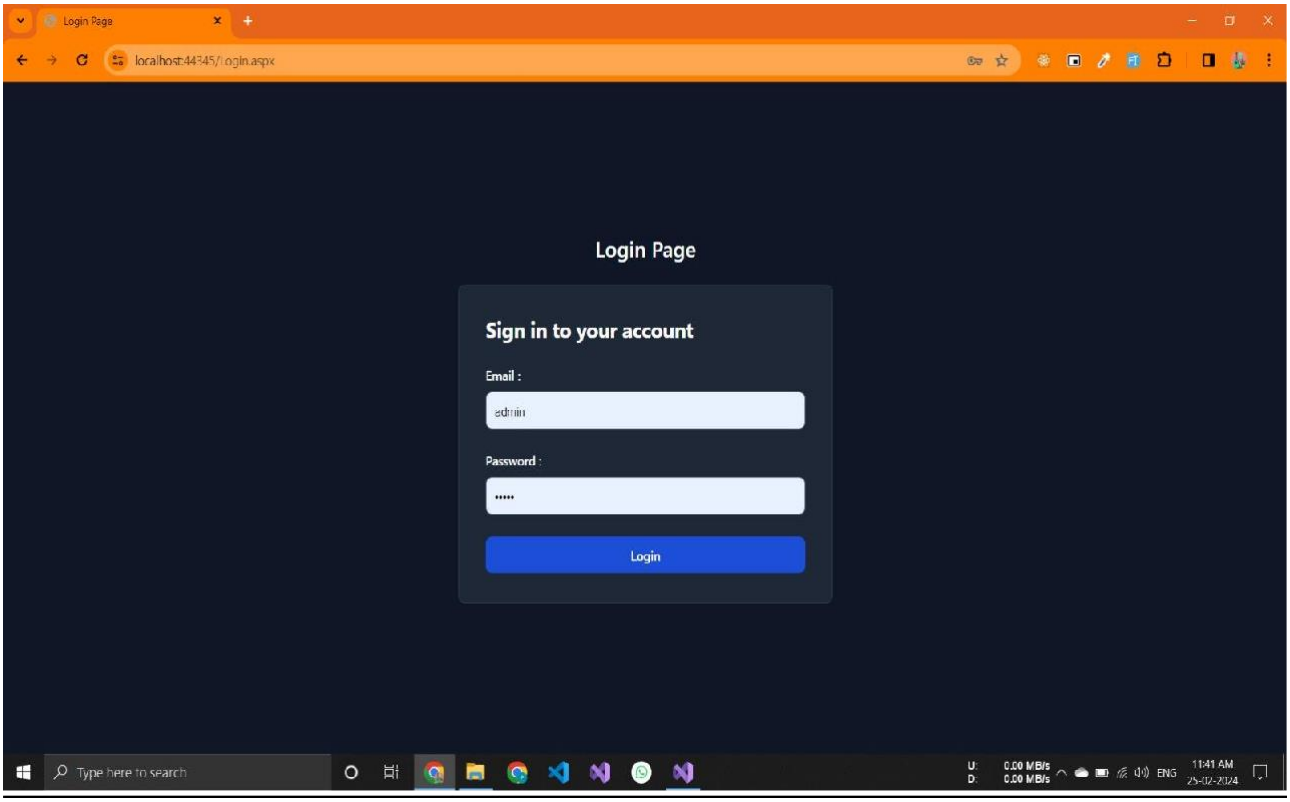
- This Is a Contact Page
- In This User Can Send Its Feedback About Webside

Blog page :-



- In This Page User Can Learn About Stock Market Basic To Advance
- This Page Are Fully Dynamic Admin Is Add a blogs To Admin Side
- Admin Is Add Blogs About Learn Stock Market

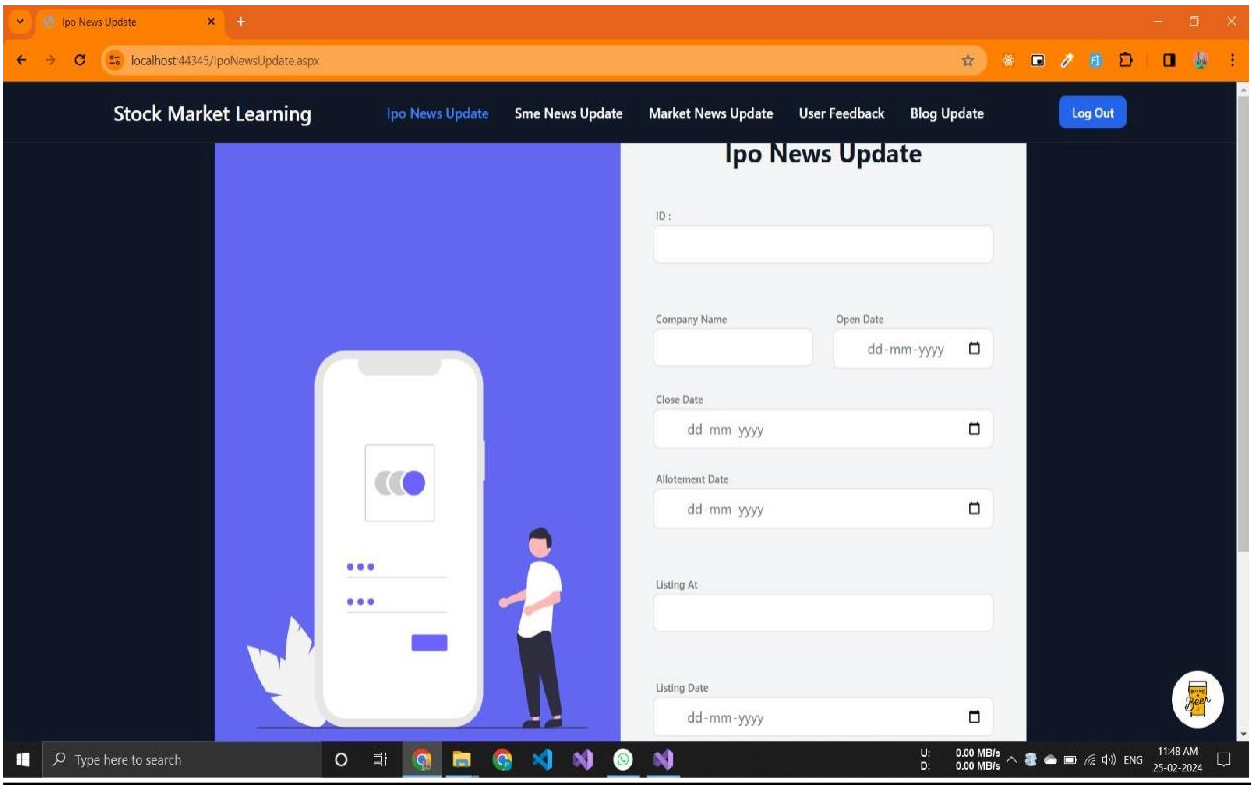
Login page :-



- This Is a Admin Login Page
- In Is Page Is Only Admin Login Not Any User

Admin :-

Ipo Update page :-

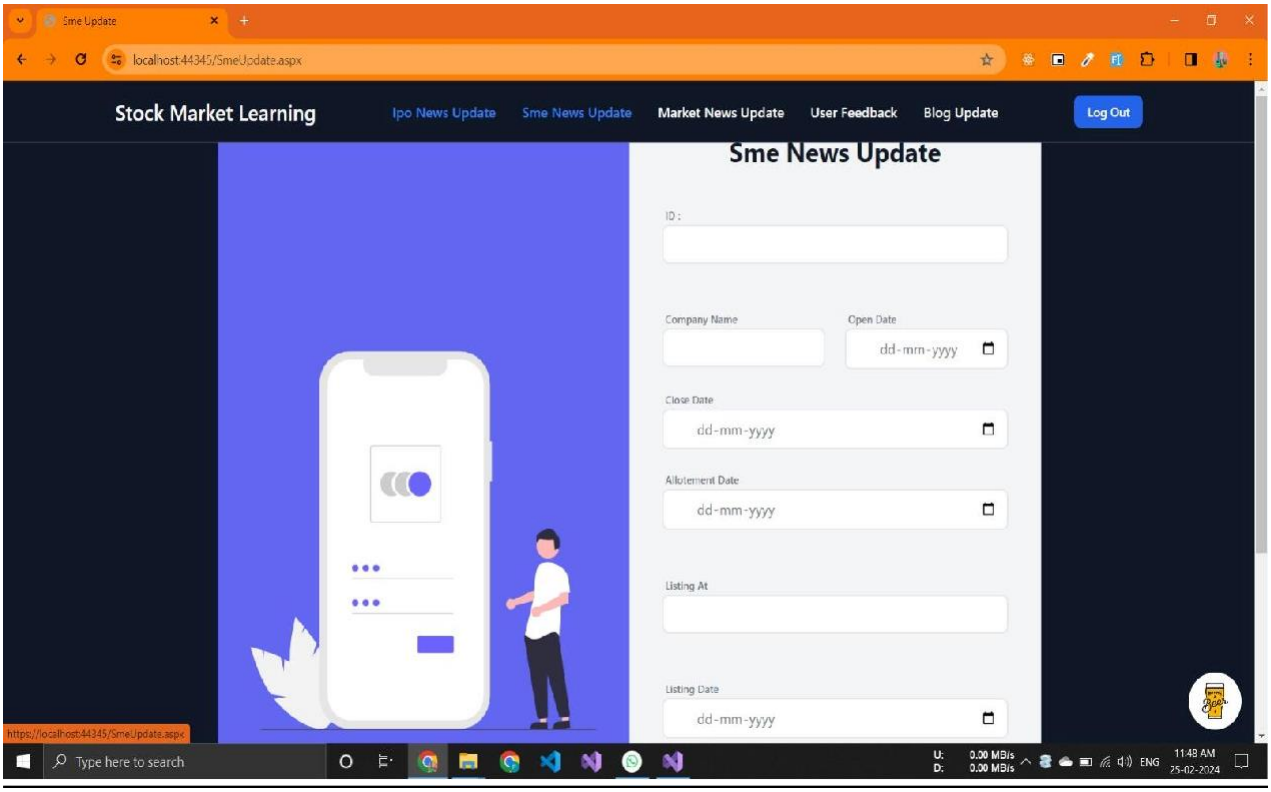


- This Is a Ipo news Update Page

- In This Page Admin Are Add IPO Update IPO And Delete IPO News To This Page

- Admin Is Add Details Here Like Company Name,Price,Open Date,Close Date,Allotment Date And Listing Date.

Sme Update page :-

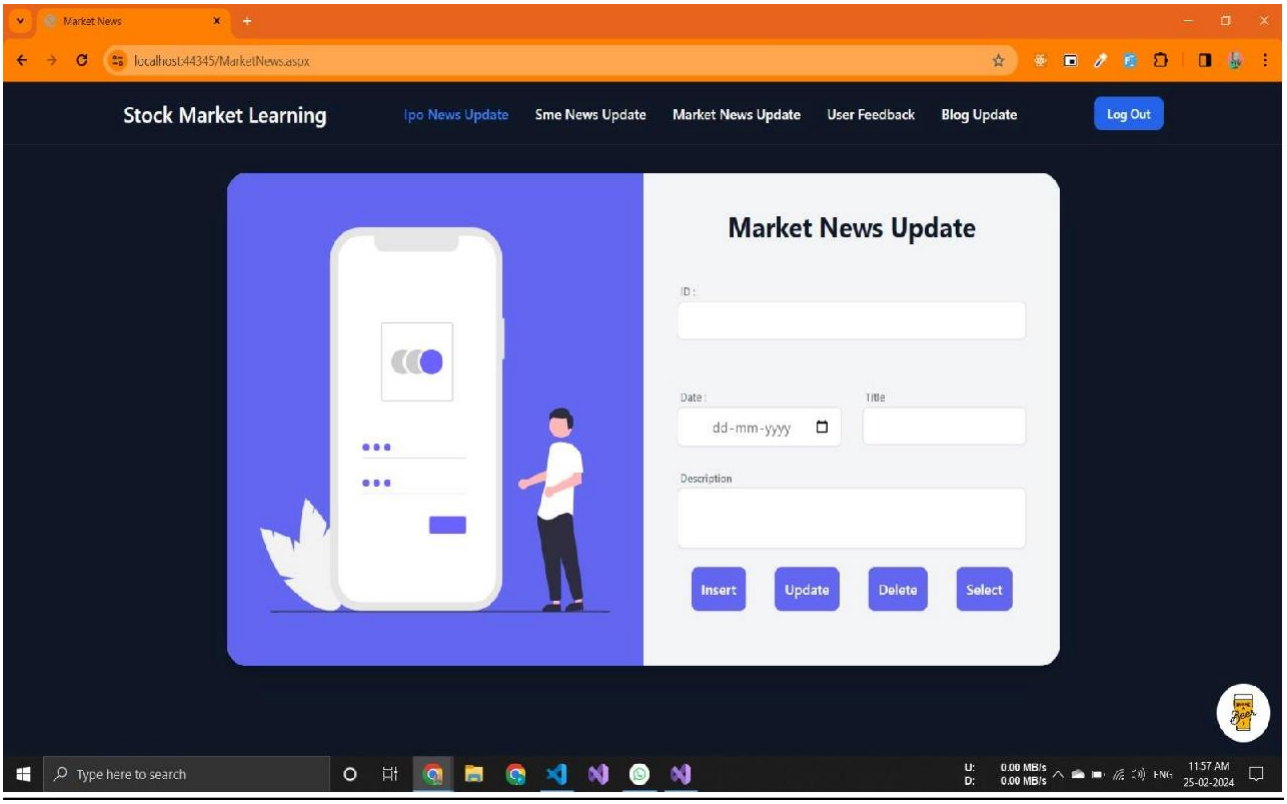


- Thi Page Is Same To Ipo News Page But in Page Are Add News To Sme

- In This Page Admin Are Add SME Update SME And Delete SME News To This Page

- Admin Is Add Details Here Like Company Name,Price,Open Date,Close Date,Allotment Date And Listing Date.

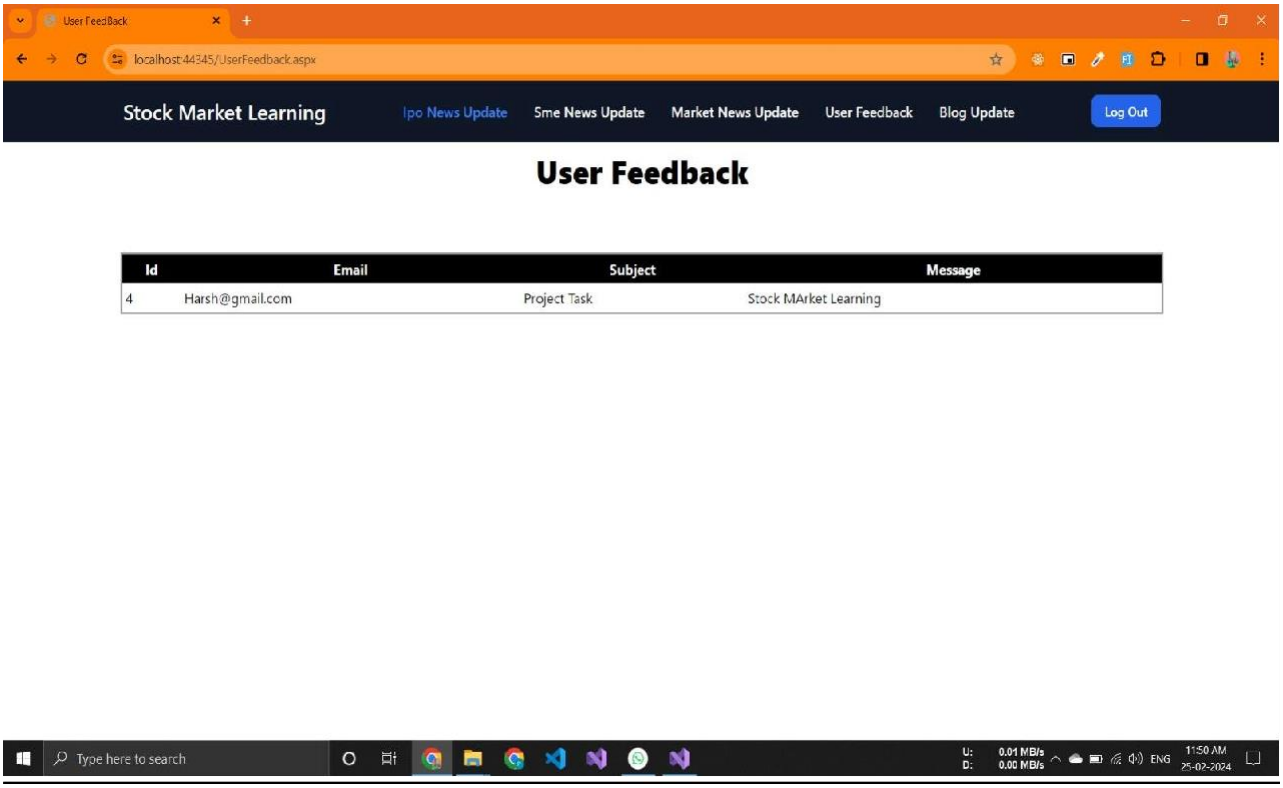
Market News page :-



- In This Page Admin Are Add Market News Update News And Delete News News To This Page

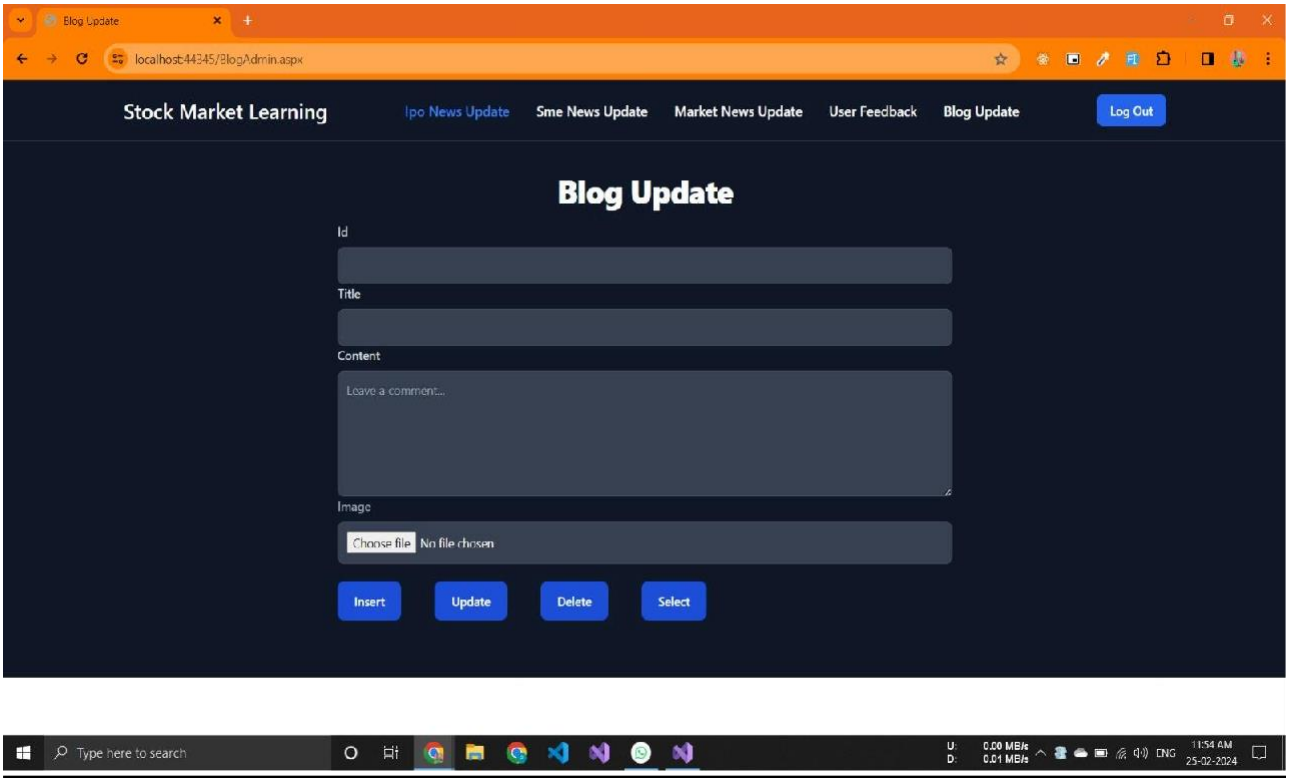
- In This Page Admin Is Add Latest News To News Date And News News title And News Detail

User Feedbackpage :-



- In This Page Admin Is Show Give User Feedback to WebSide
- admin is show the details user like a email contact number or message

User Feedbackpage :-



- In This Page Admin Are Add Blog Update Blog And Delete Blog To This Page
- admin Are Add Blog About Stock Market learning In This Website

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

Future Enhancement

• we will provide a facility to use our each get a certificate to exam website.

• We will provide facility to user can check their ipo and sme allotment status from our website.

• we will provide a more learning stock market tools in in website

• we will start online lecture on stock market learning to the new students or new users

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 .
- ⇨ our candidate is not able to get the online certificate of the given exam

WEBBLIOGRAPHY

https://www.youtube.com/

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

https://www.w3schools.com/

We use this website to fontend design..

https://timesofindia.indiatimes.com/

We use to read news for this website

BIBBLIOGRAPHY

- ASP.NET – Wrox Publication
- Pro ASP.NET Core Mvc 2 Book By Adam Freeman